Библиотека СОК

COMMERCIAL SOLUTIONS

FLUIDRA

POOL, WELLNESS, FOUNTAINS & LAGOONS

TECHNOLOGY

‘23



ASTRALPOOL CEPEX ZODIAC ctx pro PISCINE LAGHETTO SR Smith

FLUIDRA

THE PERFECT POOL EXPERIENCE

We are a leader in the global pool industry. Our portfolio includes some of the most trusted brands, including Jandy®, AstralPool®, Polaris®, Cepex®, Zodiac®, CTX Professional® and Gre®. We offer our customers an expansive array of products across both the residential and commercial pool and wellness markets, and we have a strong geographical footprint with operations in over 45 countries.

We have over 7,000 employees and the necessary resources to accelerate innovation in critical areas like energy-efficiency, robotics and the Internet of Things.

Recently, we introduced our **2020-2026 Environmental, Social and Governance (ESG) Plan**, our Responsibility Blueprint. This plan aims to integrate principles of sustainability, social fairness and responsible corporate governance into the way we conduct our business globally as well as in the local communities we operate within. We are convinced that a company with high ESG standards is a more economically sustainable company and one that is more highly valued by its customers, employees and shareholders.

To reflect our ESG focus, we have made an important change to our company mission, as well as added a new vision.

Our mission, which is what drives us every morning we come to work, is: **To create the perfect pool experience responsibly.**

And our vision, which is the motivating reason why we do what we do every day, is: **To enhance lives through innovative and sustainable solutions that transform the way people enjoy water for recreation and health**.

As part of our ambitious **Fluidra 4.0 plan**, we are looking forward with the goal to drive the evolution of the pool and wellness space. This plan puts focus on leveraging our **IT infrastructure** as a competitive advantage; advancing **digital solutions** to make owning and working on a pool easier and more enjoyable; utilizing and commercializing our **data** to generate business opportunities; and simplifying our **internal processes** to make us easier to do business with. By meeting these objectives, we will not only enhance the pool experience for our customers, but also reinforce our dynamic company culture and position our organization for future growth.



Key figures

+7.000
Employees

+45
Countries

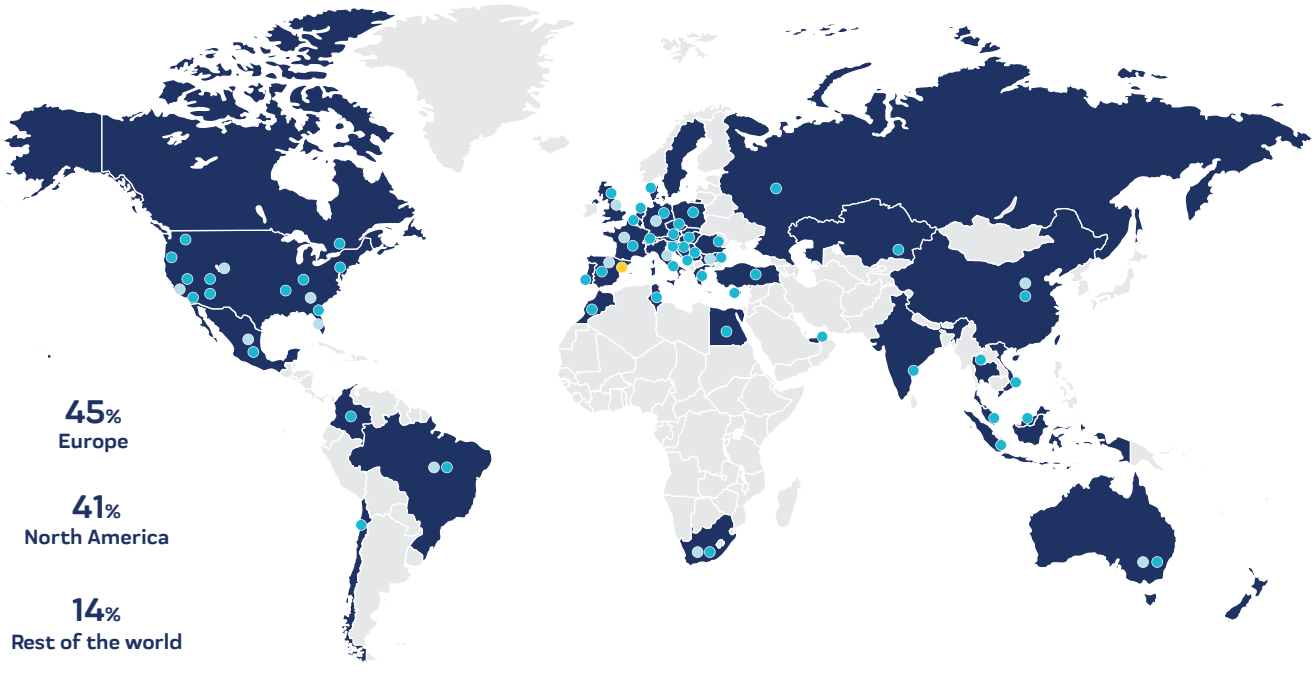
+135
Sales branches

+40
Production centers

Highly recognized brands

Jandy · ASTRALPOOL · Polaris · ZODIAC · Gre · BARACUDA
AQUA PRODUCTS · COVER POOLS · CEPEX · iAquaLink · ctx pro
AQUA FORTE · GRAND EFFECTS · PISCINE LAGHETTO · SR Smith · taylor

A global powerhouse



NEW PRODUCTS 2023



SENTRY LIFEGUARD CHAIR

SR Smith

+ **Outdoor furniture style and appeal. Constructed from HDPE for strength and low maintenance. Marine grade, 316 stainless steel hardware. Textured treads for slip resistant surface.**

See page 50



FMR REGENERATIVE MEDIA FILTERS

ASTRALPOOL

+ **The regenerative media (perlite) filters are designed for efficient water purification in pools for collective use. The water filtration system uses perlite as a regenerating filtration media, capable of filtering water down to 1 micron and with low water, energy and chemical requirements compared to traditional flint and glass filters.**

See page 164



ACQUA DOS DOSING PUMPS

ASTRALPOOL

+ **With only 3 sizes Acqua Dos dosing pumps cover a wide range of performances, having a flow rate range from 4 to 110 l/h and a back pressure up to 16 bar.**

See page 225



LUMIPLUS ESSENTIAL RANGE

ASTRALPOOL

MADE IN EUROPE

+ **A complete range of PAR56 and Flat LEDs range to bring light to the pool.**

See page 263



UNIK CONNECTION BOX

ASTRALPOOL

PROFESSIONAL ADVICE RECOMMENDED

+ **Connection box designed to be integrated in the pool surrounding, with a flexible installation option and a easy manipulation from the inside.**

See page 283



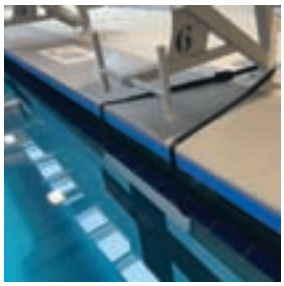
VELOCITY ADVANTAGE STARTING BLOCK

SR Smith

+ **Velocity Advantage starting blocks feature strong fiberglass footboards with track start wedge on an HDPE composite base, particularly suitable for bulkheads.**

See page 368

NEW PRODUCTS 2023



BACKSTROKE START TRAINING DEVICE

SR Smith

+ **Anti-slip backstroke ledge with raised diamond pattern. Two 5-foot polyester straps with stainless steel cam buckle to secure and adjust height. Works with a wide variety of starting platforms.**

See page 369



BACKSTROKE START SYSTEM

SR Smith

+ **Designed to help make backstroke starts faster and reduce the chance for slipping, the Backstroke Start System provides the option to easily add this capability to virtually any pool deck or starting platform configuration...**

See page 370



HOTEL SPA

ASTRALPOOL

+ **New model that fills the hot tub with water automatically. It fills the hot tub with new water in only 45 minutes, making it the perfect and most practical option for hotels.**

See page 479



DESTINATION LOUNGER

SR Smith

+ **The Destination Lounger lets you relax and enjoy the pool without a splash. Elegant design and sturdy construction combine to give pool owners the opportunity to upgrade their sun shelf space with ease.**

See page 492



SWING Z DANCER JET

ASTRALPOOL

+ **The Swing Dancer jet effect provides a show of light, color and graceful movements that express feelings and emotions transmitted through the magical combination of water and light, all of which creates the impression of a ballet staged on the water. In combination with the FUN nozzle and the rotation of the Z axis, we can create incredible water effects.**

See page 559



MESH CURTAIN

ASTRALPOOL

+ **This mesh waterfall creates a continuous effect of falling water, producing a soft sound of calm and tranquility. It generates a pleasant and attractive hypnotic effect that recreates small waves of water.**

See page 562

FLUIDRA



Creating

A MORE SUSTAINABLE POOL.

Fluidra is committed to developing more sustainable products and facilitate maintenance. We have selected a range of equipment to help you create a more sustainable pool experience.

Water Conservation

Energy Efficient

Chemical Reduction

Carbon Reduction

Circular

A more sustainable pool is one that incorporates key features and equipment to achieve a lower environmental impact, by significantly reducing the consumption of resources (water, energy and consumables), and being viable in terms of maintenance cost and return on the initial investment. From VS Pumps that use less energy to water sanitizers that consume less chemicals to automatic covers that prevent water evaporation and reduce thermal loss, Fluidra offers a wide range of solutions that contribute to a more sustainable pool.

ASTRALPOOL

ZODIAC

WHAT IS A GREEN CONSTRUCTION AND HOW DOES FLUIDRA CONTRIBUTE?

A green construction is a building that in its design, construction or operation reduces or eliminates negative impacts, and that can have positive impacts on our climate and natural environment. Green buildings preserve precious natural resources and improve our quality of life.

There are a number of features that can make a building green. These include:

- Efficient use of energy, water and other resources
- Use of renewable energy, such as solar energy
- Pollution and waste reduction, and the re-use and recycling of materials
- Good indoor environmental air quality
- Use of materials that are non-toxic, ethical and sustainable
- Consideration of the environment in design, construction and operation
- Consideration of the quality of life of occupants in design, construction and operation
- A design that adapts to a changing environment

Green building certificates and assessment initiatives are a set of rating systems and tools that are used to assess a building or a construction project's performance from a sustainability and environmental perspective.



LEED

BREEAM

LEVEL(S)

Level(s)

Building sustainability performance

FLUIDRA

WHAT IS LEED?

LEED (Leadership in Energy and Environmental Design) is an ecology-oriented building certification program run under the auspices of the U.S. Green Building Council (USGBC). It is the most widely used green building rating system in the world.

LEED GREEN BUILDING LEADERSHIP

LEED provides a framework for healthy, efficient, carbon - and cost-saving green buildings. LEED certification is a globally recognized symbol of sustainability achievement and leadership.

HOW LEED WORKS

LEED-certified buildings save money, improve efficiency, lower carbon emissions and create healthier places for people. They are a critical part of addressing climate change and meeting ESG goals, enhancing resilience, and supporting more equitable communities.

To achieve LEED certification, a project earns points by adhering to prerequisites and credits that address carbon, energy, water, waste, transportation, materials, health and indoor environmental quality. Projects go through a verification and review process by GBCI and are awarded points that correspond to a level of LEED certification: Certified (40-49 points), Silver (50-59 points), Gold (60-79 points) and Platinum (80+ points).



Platinum
80+ points earned



Gold
60-79 points earned



Silver
50-59 points earned



Certified
40-49 points earned

FLUIDRA

LEED CERTIFICATION APPLIED TO FLUIDRA PRODUCTS

Although LEED does not certify products, the correct selection and integration of a product or technology do play a role achieving the desired level of a building's certification. With this aim, Fluidra began to map its products in order to support customers in selecting right product and help earn points toward the desired LEED certification label.

	IPc1	WEp2	WEc2	WEc3	WEc4	EAp1	EAp2	EAp4	EAc1	EAc2	EAc6	MRc2	MRc3	MRc4	EQc2	EQc5	INc1
INTERNET OF POOLS	•			•	•	•	•	•	•	•	•						
POOL SURROUND EQUIPMENT	•	•	•		•												
POOL SHELL EQUIPMENT												•	•	•			
BUILDING SOLUTIONS												•	•	•			
FILTRATION	•			•					•								•
PUMPS	•					•	•	•	•	•	•						
WATER TREATMENT PRODUCTS	•			•													•
WATER TREATMENT EQUIPMENT	•			•	•	•	•	•	•		•						•
CLEANING	•																
POOL LIGHTING	•																
POOL LINING MATERIALS																	
DEHUMIDIFICATION	•				•	•	•		•	•							
SWIMMING POOL HEATING SOLUTIONS	•			•		•	•	•	•	•	•					•	
COMPETITION MATERIALS																	

IPc1 Integrative process

WEp2 Indoor Water Use Reduction

WEc2 Indoor Water Use Reduction

WEc3 Cooling tower water use

WEc4 Water metering

EAp1: Fundamental commissioning and verification

EAp2: Minimum Energy Performance

EAp4: Fundamental Refrigerant Management

EAc1: Enhanced commissioning

EAc2: Optimized Energy Performance

EAc6 Enhanced Refrigerant Management

MRc2 Building product disclosure and optimization - environmental product declarations (EPD)

MRc3 Building product disclosure and optimization - sourcing of raw materials

MRc4 Building product disclosure and optimization - material ingredients

EQc2 Low-emitting materials

EQc5 Thermal comfort

INc1 Innovation

FLUIDRA

WHAT IS BREEAM?

BREEAM (Building Research Establishment Environmental Assessment Method) is the world's leading science-based suite of validation and certification systems for sustainable built environment.

HOW BREEAM WORKS

Since 1990, BREEAM's third-party certified standards have helped improve asset performance at every stage, from design through construction, to use and refurbishment. Millions of buildings across the world are registered to work towards BREEAM's holistic approach to achieving ESG, health, and net zero goals. It is owned by BRE - a profit-for-purpose organization with over 100 years of building science and research background.

591,000 CERTIFICATES IN 90 COUNTRIES

With more than 591,000 certified buildings in 90 countries, BREEAM promotes a more sustainable construction that translates into greater profitability for those who build, operate and/or maintain buildings, thus reducing their impact on the environment, as well as delivering greater comfort and health for those who live, work or use these buildings.

The scheme evaluates impacts in 10 categories (Management, Health and Well-being, Energy, Transport, Water, Materials, Waste, Ecological Land Use, Pollution, Innovation) and awards a final score after applying an environmental weighting factor that takes into account the relative importance of each impact category. It covers the different phases of design, construction and use of buildings, and has evaluation and certification schemes based on the type and use of a building.

BREEAM provides solutions to deal with the following issues:


Net zero carbon


Whole life performance


Health and social impact


Biodiversity


Circularity and resilence


Disclosures and reporting

FLUIDRA

BREEAM CERTIFICATION APPLIED TO FLUIDRA PRODUCTS

Although BREEAM does not certify products, the correct selection and integration of a product or technology do play a role in achieving the desired level of a building's certification. With this aim, Fluidra began to map its products in order to support customers in selecting the right product and help earn points toward the desired BREEAM certification label.

	Man 02	Man 04	Man 05	Hea 02	Ene 01	Ene 02	Ene 03	Ene 08	Wat 01	Wat 04	Mat 02	Mat 03	Mat 06	Wst 06	Pol 01	Pol 04
INTERNET OF POOLS	•	•	•		•	•	•	•		•						•
POOL SURROUND EQUIPMENT	•								•		•		•	•		
POOL SHELL EQUIPMENT	•										•		•	•		
BUILDING SOLUTIONS	•										•		•	•		
FILTRATION	•		•					•						•		
PUMPS	•	•	•					•						•		
WATER TREATMENT PRODUCTS																
WATER TREATMENT EQUIPMENT	•							•						•		
CLEANING																
POOL LIGHTING	•	•	•		•		•					•		•		•
POOL LINING MATERIALS	•			•							•		•	•		
DEHUMIDIFICATION	•	•	•	•	•							•		•	•	
SWIMMING POOL HEATING SOLUTIONS	•	•	•		•							•		•	•	
COMPETITION MATERIALS																

Man 02: Life cycle cost and service life planning

Man 04: Commissioning and handover

Man 05: Aftercare

Hea 02: Indoor air quality

Ene 01: Reduction of energy use and carbon emissions

Ene 02: Energy monitoring

Ene 03: External lighting

Ene 08: Energy-efficient equipment

Wat 01: Water consumption

Wat 04: Water-efficient equipment

Mat 02: Environmental impacts from construction products – Environmental Product Declarations (EPD)

Mat 03: Responsible sourcing of construction products

Mat 06: Material efficiency

Wst 06: Design for disassembly and adaptability

Pol 01: Impact of refrigerants

Pol 04: Reduction of night-time pollution

FLUIDRA

WHAT IS LEVEL(S)?

Level(s) is the European framework for sustainable buildings. It provides a common language for assessing and reporting on the sustainability performance of buildings. It is a simple entry point for applying circular economy principles in our built environment.

Level(s)
Building sustainability performance

LEVEL(S) FRAMEWORK

Level(s) offers an extensively tested system for measuring and supporting improvements, from design to end of life. It can be applied to residential buildings or office LEED frameworks. It is a globally recognized symbol of sustainability achievement and leadership.

HOW LEVEL(S) WORKS

Level(s) uses core sustainability indicators to measure carbon, materials, water, health, comfort and climate change impacts throughout a building's full life cycle. It is a flexible solution for identifying sustainability hotspots and for future-proofing your project or portfolio. By using Level(s) you are contributing to EU policy goals to strengthen the sustainability of Europe's buildings, which are responsible for:

- 1/2 of all extracted materials
- 1/2 of total energy consumption
- 1/3 of water consumption
- 1/3 of waste generation.

Level(s) is open source and freely available to all.


Carbon emissions


Materials


Water use


Health

FLUIDRA

LEVEL(S) FRAMEWORK APPLIED TO FLUIDRA PRODUCTS

Although LEVEL (S) does not certify products, the correct selection and integration of a product or technology do play a role in achieving the desired level of a building's certification. With this aim, Fluidra began to map its products in order to support customers in selecting the right product and help earn points toward the desired LEVEL(S) framework label.

	1.1	1.2	2.1	2.2	2.4	3.1	4.1	4.2	6.1
INTERNET OF POOLS	•	•				•			•
POOL SURROUND EQUIPMENT		•	•	•	•	•			•
POOL SHELL EQUIPMENT		•	•	•	•				•
BUILDING SOLUTIONS		•	•	•	•				•
FILTRATION	•	•			•				•
PUMPS	•	•			•				•
WATER TREATMENT PRODUCTS									
WATER TREATMENT EQUIPMENT	•	•			•	•			•
CLEANING									
POOL LIGHTING	•	•	•	•	•				•
POOL LINING MATERIALS		•	•	•	•		•		•
DEHUMIDIFICATION	•	•	•	•	•	•	•	•	•
SWIMMING POOL HEATING SOLUTIONS	•	•	•	•	•			•	•
COMPETITION MATERIALS									

1.1: Use stage energy performance

1.2: Life cycle global warming potential

2.1 Bill of quantities, materials and lifespans

2.2 Construction and demolition waste and materials

2.4 Design for deconstruction, reuse and recycling

3.1 Use stage water consumption

4.1 Indoor air quality

4.2 Time outside of thermal comfort range

6.1 Life cycle costs

FLUIDRA
THE PERFECT POOL EXPERIENCE

Commercial Pool, Wellness, Fountains & Lagoons

Fluidra Projects develops innovative, highly technical and sustainable water products & solutions designed to create unique facilities for the "Commercial Pool" category.

+ Our team of experts offers 360° solutions that ensure a reliable, efficient and durable installation, designed to deliver optimal performance and a perfect user experience responsibly.

SOLUTIONS


POOL


WELLNESS

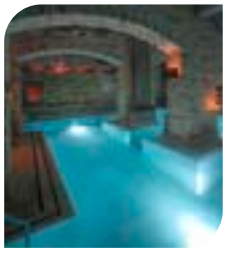

FOUNTAINS


LAKES & LAGOONS

SECTORS


COMPETITION EVENTS


SPORTS CLUB


HOSPITALITY


PUBLIC ADMINISTRATION


REAL ESTATE & OTHER

Why choose Fluidra in your Project?

- **ALL-ROUND POOL, WELLNESS & LAGOONS PARTNER**
- **INNOVATION & TECHNOLOGY**
- **ADDED-VALUE SOLUTIONS**
- **EXPERTISE**
- **PRODUCTS MANUFACTURED BY FLUIDRA**

OUR BUSINESS MODEL

+ Our extensive experience in the development of innovative products and services with prestigious brands is rooted in a comprehensive and efficient business model that adapts to our different regions and markets.

+ Fluidra is a leader in the aquatic facilities sector. We have a clear mission: to create the perfect pool & wellness experience responsibly.

DESIGN

Design phases:

CONSULTANCY · CONCEPT DESIGN · DEVELOPED DESIGN · DETAILED DESIGN

We have a team of experts with extensive experience in the conception and design of aquatic projects working hand in hand with our clients to imagine your project together right from the start. We use some of the most advanced design tools and technologies throughout this process, including CFD (Computational Fluid Dynamics), Fluidra Live Virtual Reality (VR), and BIM (Building Information Modelling).

PROJECT MANAGEMENT

Project management is the process of planning, managing and leading a team's work and resources in order to achieve shared goals and successfully meet the project's objectives.

Fluidra has a team of on-site project managers specialized in top-level aquatic projects. They are involved from the beginning of the design phase until the delivery of the project to ensure that work is executed correctly, keeping to the schedule and in line with the client's wishes.

TIME · QUALITY · COST



R&D+I

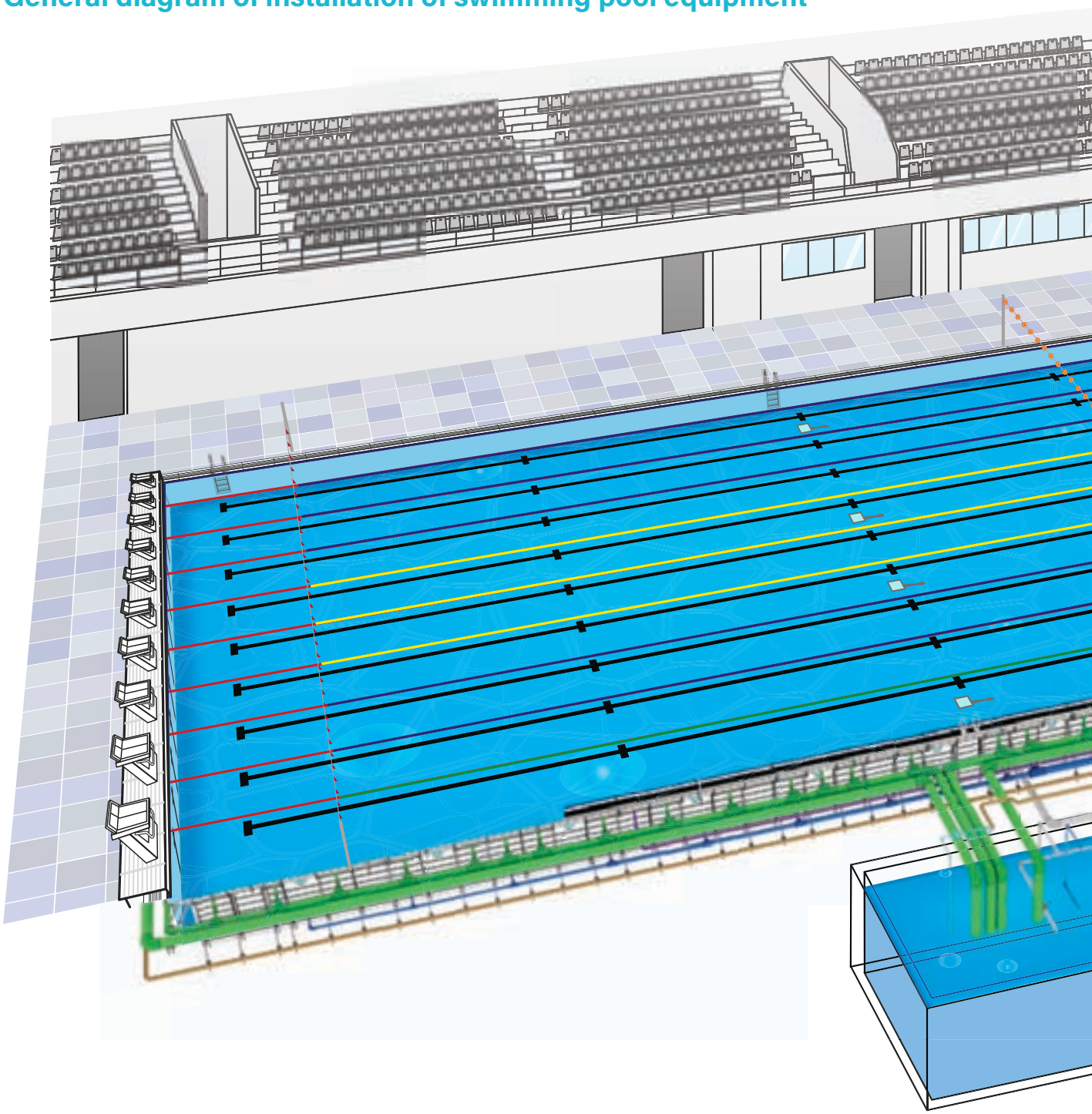
Research, Development and Innovation (R+D+i) is a fundamental part of Fluidra's DNA and a pillar of the company's culture and growth. It has more than 1,400 patents worldwide.

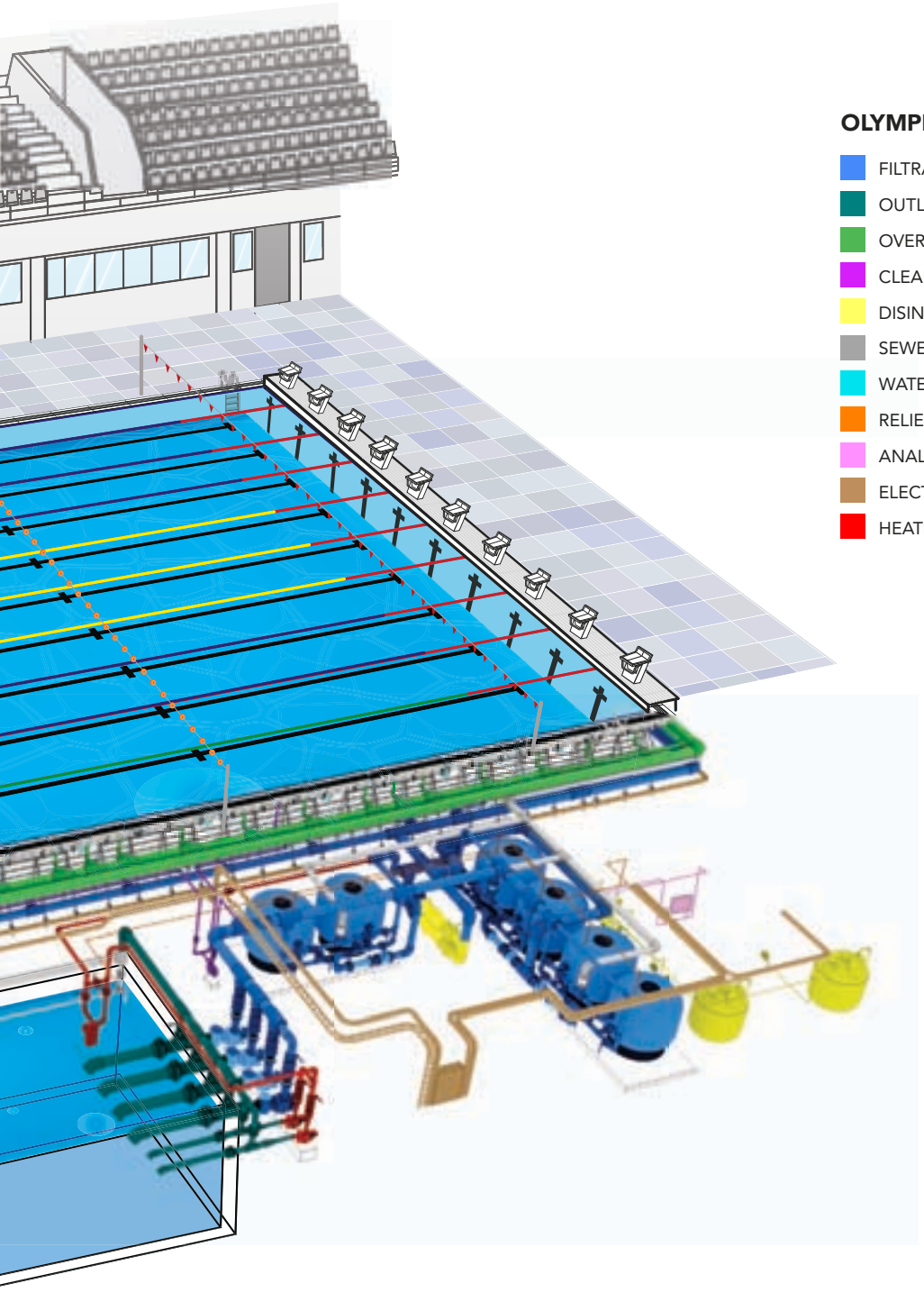
We focus the innovation in the following goal areas:

ENERGY EFFICENCY · **SUSTAINABILITY** · **AUTOMATION** · **IOT (Internet of Things)**



General diagram of installation of swimming pool equipment





OLYMPIC SWIMMING POOL LEGEND

- FILTRATION 5YSTEM
- OUTLET 5Y5TEM
- OVERFLOW SYSTEM
- CLEAN OUT SYSTEM
- DISINFECTION 5YSTEM
- SEWER SYSTEM
- WATERSUPPLY 5YSTEM
- RELIEF SYSTEM
- ANALYSIS SYSTEM
- ELECTRICAL 5YSTEM
- HEATING SYSTEM

> PICTOGRAMS

Finding your way around the catalogue



2023 new products



Energy efficient products



Chemical reduction products

ASTRALPOOL



3-year warranty



Best in class



Best value for money



Professional advice and/or installation recommended*



Fluidra Connect compatible



PoolStation compatible



Recommended for public pools



Made in Europe


Until end of stocks



Heat pump with full inverter technology



IE motor efficiency index



Complies with Standards EN 16582-1 and EN 16713-2



Includes R410A gas



Includes R32 gas


Seawater-proof

* Product recommended for sale in physical stores due to the product's specialized and complex nature and/or its installation.

ctx pro


Liquid


Gel


Buoy format


Monodosis


Granulated


Powder



20 g Pill



30 g Pill



100 g Tablet



250 g Tablet


Cartridge


All types of pools

SR Smith



Resin Transfer Molding*



Salt pool friendly

* RTM is an advanced manufacturing process. The RTM process creates a composite material that has a high strength to weight ratio - although lightweight, strong and durable. RTM products are salt pool friendly and UV resistant to protect colors from fading.

> PICTOGRAMS

Finding your way around the catalogue

ZODIAC®

OPTIONAL KIT TECHNICAL ROOM	Can be installed in a technical room
Ti 22 TITANE INSIDE	Contains a titanium element
HYGRO CONTROL	Control unit available for Hygro Control
UNCONDITIONNAL WARRANTY UNCONDITIONNAL	Whatever the problem, the equipment is repaired or exchanged during the guarantee period
UPGRADABLE SYSTEM	Additional options can be added to the equipment
EASY INSTALLATION	Easy installation of equipment
EASY RETROFIT	Easy installation and no need to alter piping
MagnaPool ECOSYSTEM	Compatible with the MagnaPool™ system
ALL TYPE OF LININGS	Compatible whit all surfaces
ABOVE GROUND POOLS	Compatible with above-ground pools
ALL TYPES OF WIMMING POOL	Compatible with all types of pools
FULL INVERTER	Heatpump with Full Inverter technology

PATENTED LIFT SYSTEM	Easy to remove from the water using the Lift System that expels a powerful jet of water contained in the cleaner.
SWIVEL	Prevents cable tangling
PUSH'N'GO™	Easy access to the filter with Push'n'Go™
PATENTED CYCLONE SUCTION	Product fitted with cyclone suction technology.
NF HEAT PUMPS	NF-certified guarantees quality and safety of certified products and services
REVERSIBLE	Option allowing the heat pump to cool the water in the pool
iAquaLink	Product that could be wired to a connected control device to be remotely managed using iAquaLink™ app
iAquaLink	Product with buitl-in connectivity that can be remotely managed using iAquaLink™ app
ENERGY SAVING	Product with low electricity consumption
	All-in-one control : product embedding both water treatment and pool equipment management
Sensor Nav System™	Optimization of movements and cleaning time depending on the configuration of the pool

* Product recommended for sale in physical stores due to the product's specialized and complex nature and/or its installation.

PROFESSIONAL ADVICE RECOMMENDED	Professional advice and/or installation recommended*
BIO POOL	Product specific for natural pools ("bio pools")
LOW SALT	Low salt technology chlorinator
4 4-WHEEL DRIVE	4-Wheel Drive Cleaner
COVER MODE	Pool cover contact to adapt disinfection when pool is closed
HEAT ONLY	Heat function only
-5 °C MIN. AIR TEMP	Minimum Air temperature required for optimal performance
WATER TEMP SENSOR	Water temperature reading
ALL TYPES OF SPAS	Compatible with all type of spas
LOW NOISE LEVEL	Product with very silent operation
	Easy and quick-fix chlorinator cell





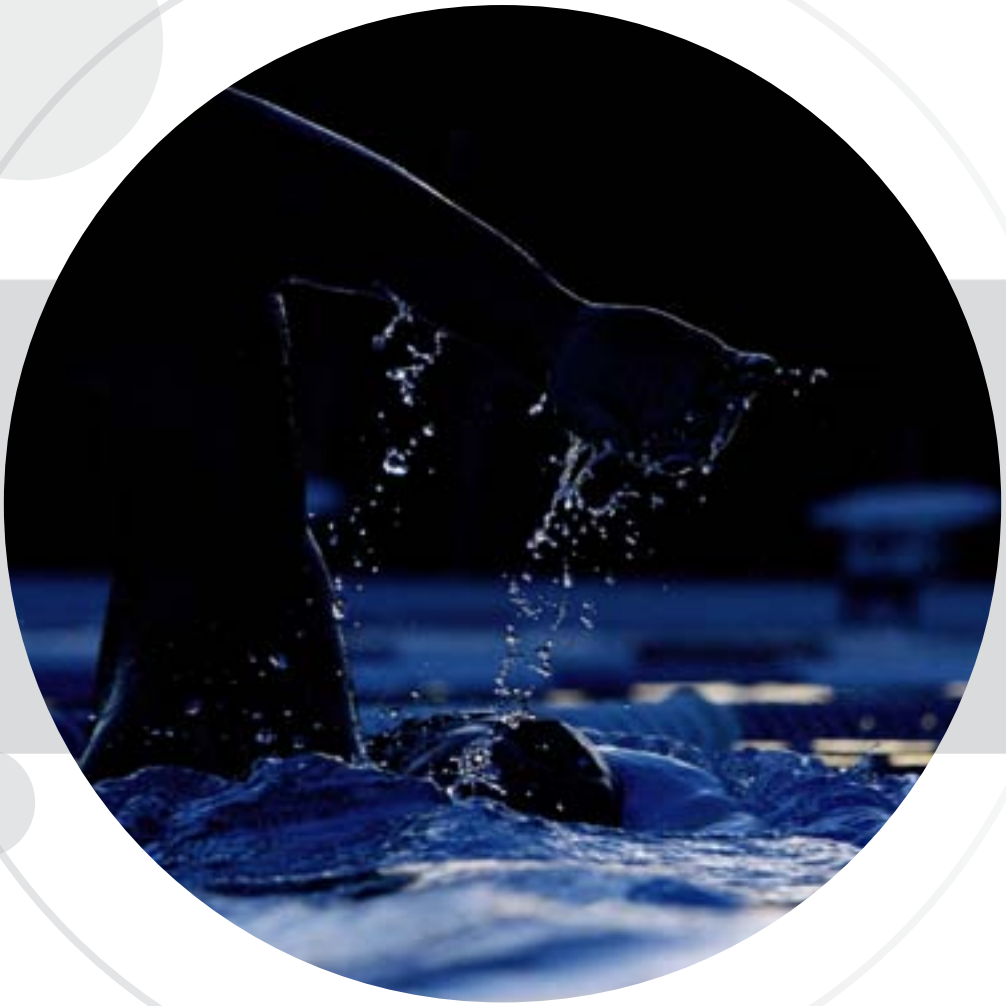


POOLS 21

WELLNESS 383

FOUNTAINS 515

LAGOONS 619



POOLS

FLUIDRA



ASTRALPOOL CEPEX ZODIAC® ctx pro PISCINE LAGHETTO SR Smith



GBK Aquatic Center for 2018 Asian Games



OUR MISSION IS TO CREATE THE PERFECT POOL EXPERIENCE RESPONSIBLY

Fluidra, with more than 50 years of experience, is a global leader in developing innovative, highly technical and sustainable pool solutions designed to create unique facilities for the "Commercial Pool" category with its own manufactured equipment.

Our team of experts offers 360º solutions that ensure a reliable, efficient and durable installation, designed to deliver optimal performance and a perfect user experience responsibly.

Involved at every stage of a project, from the first sketches to its start-up, working alongside our customers as well as with architects, public authorities, developers and other stakeholders for many sectors of specialization: **competition events, sport clubs, hospitality, real estate, public spaces,** etc.

ASTRALPOOL



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POOLS

INTERNET OF POOLS

32 CONNECT & GO COMMERCIAL PRODUCTS

32 Connect & Go Commercial EASY

32 Connect & Go Commercial DIRECT

33 Connect & Go Commercial SMART

33 Connect & Go VS CONTROL PUMP CABINET

33 Connect & Go Commercial CONTROL PUMP CABINET

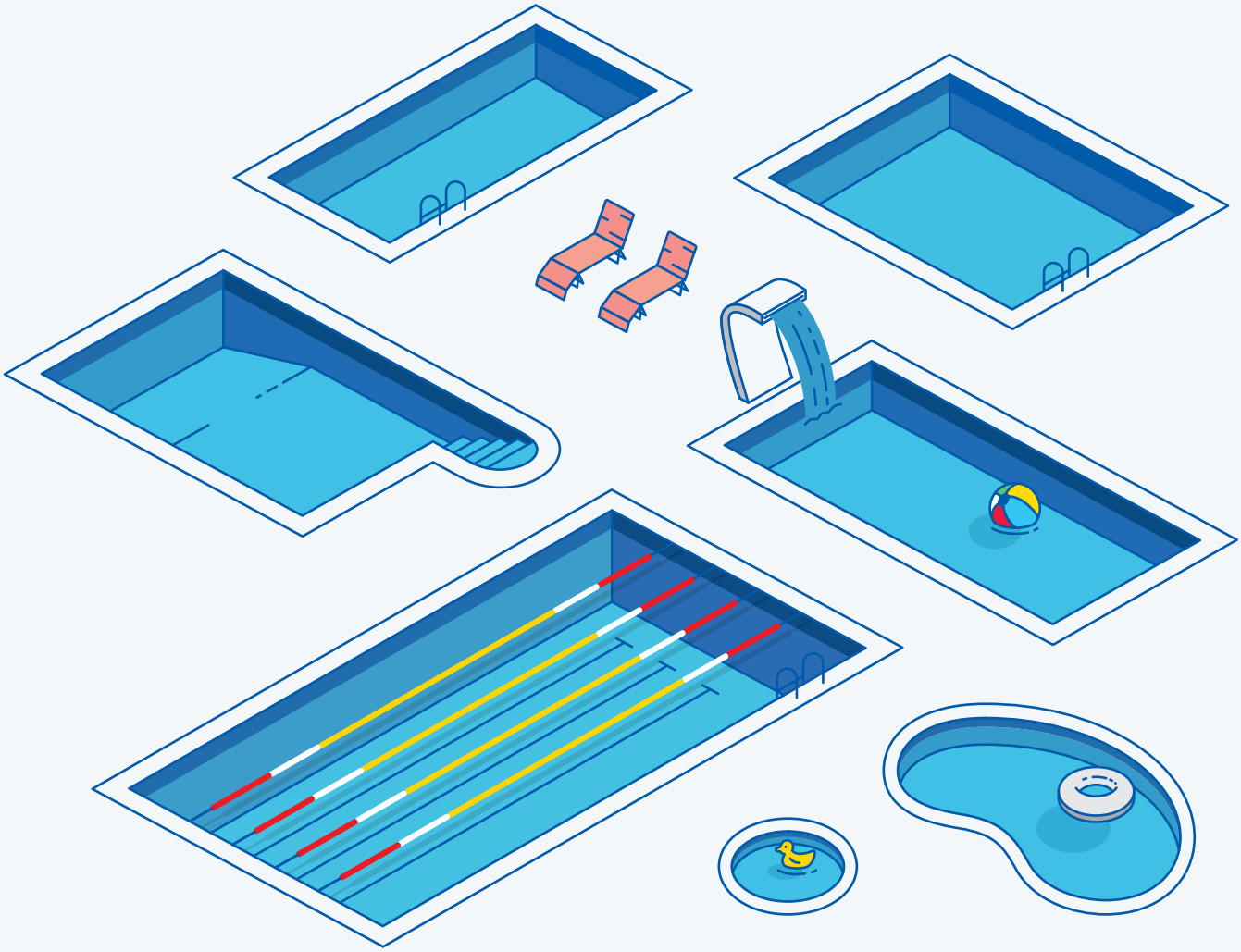
35 FLUIDRA CONNECT ACCESSORIES

35 Fluidra Connect accessories

ASTRALPOOL

FLUIDRA CONNECT
INTERNET OF POOLS

Smart Commercial Pools



Connectivity for automation and monitoring all types of commercial pools

24/7 Water Quality

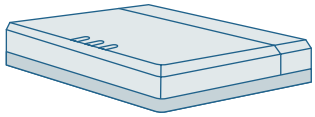
Water quality controlled and monitored thanks to the pool equipments synchronized all together in a smart way. Alarm system for real-time corrective maintenance.

Energy Savings

With a combination of connected products and data assisted preventative maintenance actions to reach optimum energy efficiency.

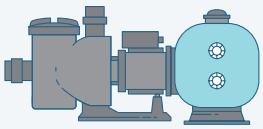
Smart Pool Assistants for all type of pools

Control, diagnose and manage your pool through the fluidraconnect.com platform



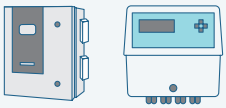
Through the Connect Box from your Connect & Go you will be able to control all types of products, compatible NN as well as the standard ones.

Filtration and recirculation



Set-up and control of pumps for energy-efficient programs and optimum filter cleanliness status.

Water treatment



Integral water treatment strategy between all the pool systems. Recording all the measures as per local legislation requirements.

Lighting



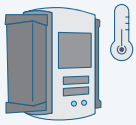
Synchronization with other equipments to generate smart ambient.

Surround & Garden Equipment



Control all the pool and garden accessories easily: Covers, fountains, IP Cams, even irrigation systems.

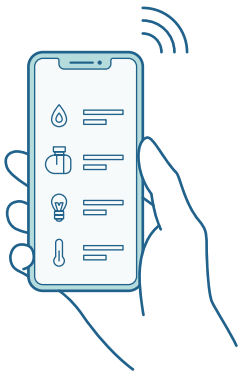
Heating, Cooling and Dehumidification



Smart heating strategy for energy optimization together with the filtration and the water treatment equipment.

Control the pools under your supervision from anyplace, whenever you want with our pool assistants platform Fluidra Connect.

www.fluidraconnect.com





FLUIDRA CONNECT AUTOMATION AND NN PRODUCTS for Commercial Pools

THE FUTURE IS HERE

Fluidra Connect is a smart automation solution that allows both users and pool professionals to control pools remotely.

Different levels of remote control are offered depending on user profile:

- **End user:**
  - User friendly NN app to remotely monitor and control the pool
- **Pool professional:**
  - Intuitive and versatile NN PRO app to set up each pool and allows to monitor all installed pool sites.
  - Advanced remote control of all installed pool sites using the dedicated pool professional website www.fluidraconnect.com.

All product platforms below are NN compatible to allow a smart control & exchange with Fluidra Connect and associated smartphone apps and website.
User(s) can see more operating data and be able to access to more settings compared to standard products.

WATER TREATMENT EQUIPMENT

					
		Salt Water Chlorinators and Hybrid systems			
	Freepool[2]	Easy Salt Next	Pro-Chlore Salt	Nature Salt	Neolysis
More info on page	213	215	216	217	218

					
		Automatic Regulation and Control Equipment		Dosing Pumps	Water metering
	Guardian Pool	AP PR-200 Compatible Electrolysis	Controller	Optima pH / Redox	Woltman type turbine meters
More info on page	238	236	239	233	235

POOL LIGHTING

RGB LED lighting becomes "NN" with Lumiplus Modbus and modulator (57435)



	LED Lighting
	RGB lights
More info on page	251

DEHUMIDIFICATION



	Dehumidification
	Airpool
More info on page	334

HEATING



	Heat Pumps
	ProHeat II
More info on page	348

CONNECT & GO COMMERCIAL PRODUCTS



+ **Convenience & easy installation**
+ **A range of Connect & Go power center cabinets is offered to suit most commercial pools configurations.**
+ **Connect & Go Commercial power center cabinets contain all electrical protections and switches to manage pool equipment. Everything is pre-wired to ease installation process so it is the perfect solution for new pools, while also being adapted to retrofit situation (simply replace the whole cabinet with Connect & Go Commercial).**
+ **Fluidra Connect is a smart solution that enables end users and pool dealers to control a pool remotely. This makes it possible for pool dealers to check out, manage and control all the pools they have installed from a PC.**

THE FUTURE IS HERE

CONNECT & GO COMMERCIAL

EASY

Control and power devices for up to 3 pump sets with direct start and control devices for balancing tank. The panel includes control devices for lightning.

- 3 Filtration Pumps (3-phase).
- 1 Lighting Control.
- Balancing tanks minimum level, filling level and maximum level.
- Transformer 24VAC filling valve.
- 3 Control pump switches M-0-A.
- 1 Lighting switch M-0-A.
- 1 Filling switch 0-A.
- 1 Digital input to monitor the filtration status and 1 digital inputs to monitor the motor circuit breakers.
- 2 Digital inputs to monitor maximum and minimum balancing tank level.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Easy (2 HP)	72272	1	-	-
Easy (3 HP)	72271	1	-	-

CONNECT & GO COMMERCIAL

DIRECT

Control and power devices for up to 3 pump sets with direct start and control devices for balancing tank. The panel includes analog inputs, control of motorized valves in suction manifold and control devices for lightning.

- 3 Filtration Pumps (3-phase).
- 1 Lighting Control.
- 1 Aux. Output (max 10A).
- Balancing tanks minimum level, filling level and maximum level.
- Transformer 24VAC filling valve.
- 3 Control valves inlet pumps.
- 3 Control pump switches M-0-A.
- 1 Lighting switch M-0-A.
- 1 Filling switch 0-A.
- Real energy / Reactive energy / Apparent energy meter.
- 4 Analog inputs (4-20mA).
- 3 Digital inputs to monitor filtration pump status and 3 digital inputs to monitor the motor circuit breakers.
- 3 Digital inputs to monitor end of stroke.
- 2 Digital inputs to monitor maximum and minimum balancing tank level and 2 digital inputs for water-meter by pulses.
- 3 Available digital inputs and 4 available digital outputs (max 2A).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Direct (1 HP)	72720	1	-	-
Direct (2 HP)	72718	1	-	-
Direct (3 HP)	72719	1	-	-

CONNECT & GO COMMERCIAL

SMART

Control and power devices for up to 3 pump sets with soft start and control devices for balancing tank. The panel includes analog inputs, control of motorized valves in suction manifold and control devices for lightning.

- 3 Filtration Pumps (3-phase).
- 1 Lighting Control.
- 1 Aux. Output (max 10A).
- Balancing tank minimum level.
- Balancing tank filling level.
- Balancing tank maximum level.
- Transformer 24VAC filling valve.
- 3 Control valves inlet pumps.
- 3 Control pump switches M-0-A.
- 1 Lighting switch M-0-A.
- 1 Filling switch 0-A.
- Real energy / Reactive energy / Apparent energy meter.
- 4 Analog inputs (4-20mA).
- 3 Digital inputs to monitor filtration pump status.
- 3 Digital inputs to monitor the motor circuit breakers.
- 3 Digital inputs to monitor end of stroke.
- 2 Digital inputs to monitor maximum and minimum balancing tank level.
- 2 Digital inputs for water-meter by pulses.
- 3 Available digital inputs and 4 Available digital outputs (max 2A).

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Smart (3 HP)	72713	1	-	-
Smart (5.5 HP)	72714	1	-	-
Smart (7.5 HP)	72715	1	-	-
Smart (10 HP)	72716	1	-	-
Smart (12 HP)	72717	1	-	-



CONNECT & GO VS

CONTROL PUMP CABINET

The Connect & Go VS pre-wired cabinet is a Plug & Play solution Play conceived as the control center of the pool allowing to easily vary the speed of the filtration pump.

- Power range from 3HP to 10HP.
- Pump control modes:
  - Manual (with button switch).
  - Automatic (Automation and programming times and speed through Fluidra Connect).
- Superimmunized residual current circuit breaker.
- Forced ventilation system.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Connect & Go Commercial - VS (3HP III 400V)	75491	1	-	-
Connect & Go Commercial - VS (5.5HP III 400V)	75492	1	-	-
Connect & Go Commercial - VS (7.5HP III 400V)	75493	1	-	-
Connect & Go Commercial - VS (10HP III 400V)	75494	1	-	



CONNECT & GO COMMERCIAL

CONTROL PUMP CABINET

Control pump devices for commercial pools.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Control pump (up to 4 pumps)	70745	1	-	-
Control pump (up to 8 pumps)	70746	1	-	-

FLUIDRA CONNECT®
CONNECT & GO

SMART POOL
Connected hubs

Installation Diagram





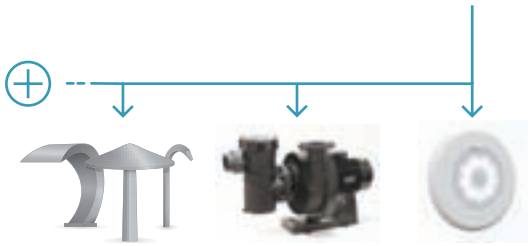
CONNECT & GO
POWER CENTER CABINET



Smart control of "NN Thing" compatible products
(in addition to standard control: bilateral communication, advanced status and messages, operational mode selection...)

GPIO*

Device with inputs & outputs provided with Connect & Go power center cabinet to manage standard products



Standard control of any standard product
(on / off / scheduling / status)

COMPATIBLE NN thing®

Did you know?
Fluidra provides more than 100 products able to offer a smart control and exchange with Connect & Go pool automation. Simply look for the "NN Thing" icon in the product pages.

FLUIDRA CONNECT ACCESSORIES

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Connect box	66671	1	-	-
GPIO	62368	1	-	-
230 VAC opto-isolator	66395	1	-	-
24 VAC opto-isolator	66396	1	-	-
Switch - 5 ports	66390*	1	-	-
Power Line Communications - 2 ports	66391*	1	-	-
Indoor Wi-Fi access point	66392*	1	-	-
Outdoor router	66393*	1	-	-
Portable router	66394*	1	-	-
3G router (requires SIM card)	67297*	1	-	-
3G router for DIN rail (requires SIM card)	67298*	1	-	-
SEM1 single-phase meter with transformer	68441	1	-	-
SEM3 single-phase meter with 3 transformers	68442	1	-	-
Bridge Modbus TCP/RTU	68168	1	-	-
Modbus temperature sensor kit	69682	1	-	-

* Available while stock lasts.



66395 - 66396



66671



62368



66392



66393



66394



67297



68441-68442



68168



POOL SURROUND EQUIPMENT

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52 Showers with timers
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54 WATER GAMES AND ORNAMENTAL WATER FEATURES
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74 GRILLES FOR OVERFLOW

POOL ACCESS

LADDERS

OVERFLOW 1000 MODEL

ASTRALPOOL

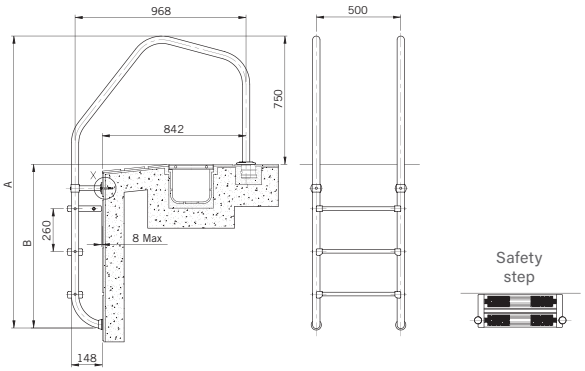


Ladder width 500 mm Ø 43 mm handrail, non-slip surface stainless treads, bright satin finish, anchoring fixtures for connection to the equipotential circuit and removable anchoring with plate for fastening to wall. AISI-316L handrail and steps.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
1 "Luxe" steps + 1 double safety step	07514	1	13.2	0.158
2 "Luxe" steps + 1 double safety step	07515	1	15.3	0.180
3 "Luxe" steps + 1 double safety step	07516	1	17.1	0.202
4 "Luxe" steps + 1 double safety step	07517	1	19.2	0.217

Complies with Standard
EN 13451-1
EN 13451-2

Code	Steps	A	B
07514	2	1450	700
07515	3	1710	960
07516	4	1970	1220
07517	5	2230	1480



LADDER FOR SWIMMING POOLS

with overflow

ASTRALPOOL

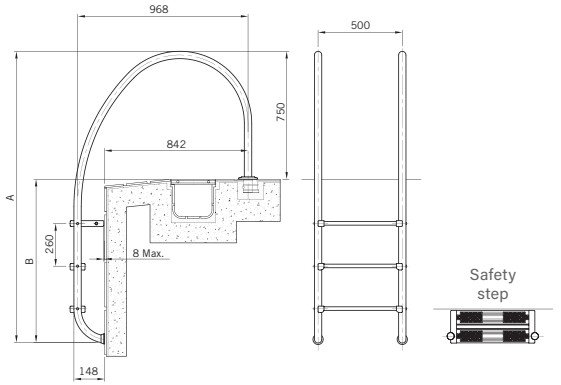


Includes variable radius curvature in grip section for a contemporary and attractive look. Steps 500 mm wide. Easy to install. Ø 43 mm x 1.5 mm handrail with AISI-316L bright satin finish stainless steel steps. Anchoring fixtures for connection to the equipotential circuit NB: Do not permit mounting on anchoring fixtures 00043, 08727, 07331, 18243.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
2 steps ladder	32653	1	13.2	0.158
3 steps ladder	32654	1	16.2	0.180
4 steps ladder	32655	1	17.1	0.202
5 steps ladder	32656	1	19.2	0.217

Complies with Standard
EN 13451-1
EN 13451-2

Code	Steps	A	B
32653	2	1450	700
32654	3	1710	960
32655	4	1970	1220
32656	5	2230	1480



POOL ACCESS

LADDERS



Complies with Standard
EN 13451-1
EN 13451-2

DOUBLE NON-SLIP SAFETY STEP

ASTRALPOOL

AISI-316L stainless steel with bright satin finish. For all in-ground pool ladder models.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Safety step	70662	1	2.05	0.003



Complies with Standard
EN 13451-2

PMR LADDER FOR PUBLIC POOLS

ASTRALPOOL

Public ladder manufactured in AISI-316L stainless steel. Polished finish. Step with non-slip punching.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
3 steps ladder	64894	1	35.0	-
4 steps ladder	64895	1	41.0	-
5 steps ladder	64896	1	35.0	-
6-step ladder	64897	1	46.5	-
7-step ladder	64898	1	46.5	-
8-step ladder	64899	1	46.5	-

POOL ACCESS

EXIT GRAB RAILS



* 1 additional year warranty. For more information see the warranty certificate in the manual.

800 X 800 MM MODEL

ASTRALPOOL

Set of 2 tubular handrails in polished S.S. AISI-316L Ø 43 mm pipe. Exit grab rails with fixing plates are supplied as a pair including fixing plates, gaskets, screws and wall plugs.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Attachment by means of fixing plate	05541	1	9.27	0.10
Attachment for embedding	05540	1	8.40	0.10

* 1 additional year warranty. For more information see the warranty certificate in the manual.

POOL ACCESS

EXIT GRAB RAILS



470 X 800 MM MODEL

ASTRALPOOL

Set of 2 tubular handrails in polished S.S. AISI-316L Ø 43 mm pipe. Exit grab rails with fixing plates are supplied as a pair including fixing plates, gaskets, screws and wall plugs.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Attachment by means of fixing plate	05542	1	6.97	0.08



470 X 800 MM MODEL

with rectangular base plate

ASTRALPOOL

Set of 2 tubular handrails in polished S.S. AISI-316L Ø 43 mm pipe. The exit grab rails with base plates are supplied with screws and wall plugs.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Attachment by means of fixing plate	05543	1	7.6	0.08



CROSSOVER MODEL

with rectangular base plate

ASTRALPOOL

Set of 2 tubular handrails in polished S.S. AISI-316L Ø 43 mm pipe. The exit grab rails with base plates are supplied with wall plugs and screws.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Attachment by means of fixing plate	05544	1	8.46	0.18



PARALLEL MODEL

ASTRALPOOL

Set of 2 tubular handrails in polished S.S. AISI-316L Ø 43 mm pipe. For fixing with anchoring fixture code 00143 (not included).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Parallel model	00110	1	10.0	0.11

* 1 additional year warranty. For more information see the warranty certificate in the manual.

POOL ACCESS

EXIT GRAB RAILS

ASYMMETRICAL MODEL



Set of 2 tubular handrails in polished S.S. AISI-316L Ø 43 mm pipe. For fixing with anchoring fixture code 00143 (not included).

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Asymmetrical model	00111	1	10.1	0.14

SPLIT LADDER - BOTTOM HALF



AISI-316L bright satin stainless steel steps and Ø 43 mm handrail. Can be combined with any ladder model. Fastening with plates, gaskets, wall plugs and screws.

Complies with Standard
EN 13451-1
EN 13451-2

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
1 "Luxe" step + 1 double safety step	08090	1	6.0	0.04
2 "Luxe" steps + 1 double safety step	08091	1	7.6	0.04
3 "Luxe" steps + 1 double safety step	08092	1	9.0	0.05
4 "Luxe" steps + 1 double safety step	08093	1	10.5	0.07

GRAB RAILS, fixed in and out of the water



Polished AINSI-316 stainless steel. Ø 43 mm.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For embedding				
2 units. Length 1,220 mm	00034	1	11.4	0.14
2 units. Length 1,524 mm	00035	1	13.0	0.16
With base plates (gaskets, wall plugs and screws)				
2 units. Length 1,220 mm	00036	1	12.2	0.21
2 units. Length 1,524 mm	00037	1	13.6	0.24

GRAB RAIL fixed out of the water



In polished AISI-316L stainless steel (Ø 43 mm).

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For embedding	07780	1	6.7	0.118
With base plates (gaskets, wall plugs and screws)	07781	1	6.7	0.118



ANCHORING SOCKETS

ASTRALPOOL

Made of plastic, with earth connection.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For Ø 43 mm pipe.	00042	50	7.0	0.03
For Ø 48 mm pipe.	07661	-	-	-



ARTICULATED ANCHORING SOCKETS

ASTRALPOOL

In polished Stainless Steel (AISI-304L) for a ladder with a Ø 43 mm pipe.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Articulated anchoring socket				
without base plate	00043	1	0.93	0.002
with base plate	08727	1	1.0	0.002



REMOVABLE ANCHORING SOCKET

with base plate

ASTRALPOOL

In polished stainless steel (AISI-316L) for a Ø 43 mm pipe with gaskets, wall plugs and screws.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Set of 2 units	07331	1	1.00	0.003



ANCHOR WITH LOCKING BOLTS

ASTRALPOOL

Made of polished AISI-316L stainless steel. For a Ø 43 mm pipe.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Anchoring sockets	00143	2	1.2	0.003

POOL ACCESS

ANCHORING SOCKETS AND HANDRAILS



LADDER FOOT PAD

ASTRALPOOL

Made of plastic, the angle can be adjusted by rotating the eye ball socket. Recommended for liner pools.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
For Ø 43 mm pipe	00045	50	12.6	0.03
For Ø 28 mm pipes	00046	50	14.0	0.03



STAINLESS STEEL HANDRAILS

ASTRALPOOL

Polished Ø 43 mm AISI-316L stainless steel pipes. With fixing plates (including gaskets, screws and wall plugs).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Length 0.5 m	00051	2	2.8	0.02
Length 1 m	00052	2	4.3	0.04
Length 2 m	00053	2	7.9	0.09
Length 2.5 m	00054	2	9.5	0.11



TEE BAR

ASTRALPOOL

Polished Ø 43 mm AISI-316L stainless steel pipes.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
With fixing plates (including gaskets, screws and wall plugs).	00056	1	2.09	0.01



EQUIPOTENTIAL ANCHOR

ASTRALPOOL

The aim of this accessory for ladders is to solve the problem of not having the possibility to connect ground earth cable to ladders that do not have an anchoring on the pool beach.

It is mandatory by norms to connect metallic ladders to ground earth in order to have proper electrical connections. Moreover, it is highly recommended to avoid corrosion.

Equipotential anchor for ladders, manufactured in AISI-304L stainless steel and commercialized for concrete and liner pools. The anchors are composed of a recessed base on the ground, washer, screws and the equipotential bonding.

Each ladder needs to 2 units.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Concrete pools	73318	1	0.45	0.002
Liner pools	73319	1	0.50	0.002

POOL ACCESS

DISABLED ACCESS



PAL II PORTABLE CHAIRS

for disabled

- Portable chair for disabled.
- No assembly required in pool deck area.
- The rechargeable 24V battery powers a mechanical actuator, ensuring that the chair is already ready for use. 30-Cycle duration once charged.
- The perfect solution for facilities with multiple pools as it can be set up anywhere along the pool deck and put away when not in use.
- Waterproof remote control.
- Easy to use, even for the end user. Just roll the chair to the edge of the pool, lock the wheels, set the stabilizers, and it is ready to use.
- Structure made of waterproof materials to prevent corrosion.
- Armrest and footrest included.
- The Pal makes any pool accessible in seconds. It is truly the easiest way to get everyone into the water.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
PAL II chair. Counterweight in cement blocks.	69444	1	-	-

* Ask your AstralPool distributor about infinity pools, spas and other non-standard models.



SPLASH SEMI-PORTABLE

pool hoisting system for disabled people

- Semi-portable chair installed on the pool deck for disabled people.
- Includes a cart to carry the chair in order to install it in different locations.
- Installation requires a ground anchor. Its 24 V rechargeable battery supplies power to a metallic actuator, ensuring that the device is always ready for use.
- Duration of 30 cycles once loaded.
- Waterproof remote control.
- The Splash is equipped with a water resistant structure to prevent corrosion and it has armrests and a footrest.
- Its load capacity of 136 kg and its 359° swivel makes it one of the most practical solutions for disabled access to the pool.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Splash Chair	53924	1	390	1.789



Min. swimming pool depth:
1 m

HYDRAULIC POOL HOIST

ASTRALPOOL

- It is made up of a structure made of polished Ø 43 mm AISI-316L stainless steel pipes to which the hydraulic mechanism supporting the chair is fitted.
- For the hydraulic mechanism to work there needs to be a water supply with a minimum pressure of 3.5 kg/cm^2.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Fully equipped hoist				
with a 650-mm-long handrail	71657	1	-	-
with a 1000-mm-long handrail	71658	1	-	-
Optional:				
Headrest	71185	1	-	-
Foot rests	71186	1	-	-

INSTALLATION:

The external attachment is by means of two fixed metallic anchors (supplied with the device) and two adjustable front supports, which make it possible to adjust the hoist to the finishes of different swimming pools.

To make it easier for people that require a hydraulic hoist chair to get in and out of leisure or hydrotherapy pools. Easy to assemble.



Min. swimming pool depth:
1.5 m

For pools shallower than 1.5 m please ask your dealer.

HYDRAULIC POOL HOIST

ASTRALPOOL

- It is made up of a structure made of polished Ø 43 mm AISI-316L stainless steel pipes to which the hydraulic mechanism supporting the chair is fitted, and a ladder at the side for the assistant.
- For the hydraulic mechanism to work there needs to be a water supply with a minimum pressure of 3.5 kg/cm^2.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
L-650 Railings	28619	1	18.7	0.253
L-1000 Railings	28620	1	35.5	0.383
Cylinder	28621	1	13.8	0.042
Accessories	28622	1	18.3	0.178

INSTALLATION:

The external attachment is by means of two fixed metallic anchors (supplied with the device) and two adjustable front supports, which make it possible to adjust the hoist to the finishes of different swimming pools.

To make it easier for people that require a hydraulic hoist chair to get in and out of leisure or hydrotherapy pools. Easy to assemble.

POOL ACCESS

DISABLED ACCESS



500 MM WIDTH MODEL

ASTRALPOOL

Made of polished Ø 43 mm AISI-316L stainless steel pipes. Plastic non-slip steps. Supplied with anchoring fixtures and earth connection.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
4 steps	00116	1	28.0	0.300
5 steps	00117	1	40.9	0.300
6 steps	00118	1	47.5	0.370
7 steps	00119	1	51.4	0.370
8 steps	00120	1	48.0	1.057

970 MM WIDTH MODEL

ASTRALPOOL

Made of polished Ø 43 mm AISI-316L stainless steel pipes. Plastic non-slip steps. Supplied with anchoring fixtures and earth connection.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
4 steps	00116 + 4 Kit 28615	1	-	-
5 steps	00117 + 5 Kit 28615	1	-	-
6 steps	00118 + 6 Kit 28615	1	-	-
7 steps	00119 + 7 Kit 28615	1	-	-
8 steps	00120 + 8 Kit 28615	1	-	-

We also supply the pipes and components needed to install grab rails or other decorative features around the edge of pools.



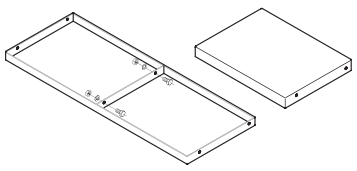
STEP KIT FOR CONVERTING

a ladder's width from 500 to 970 mm

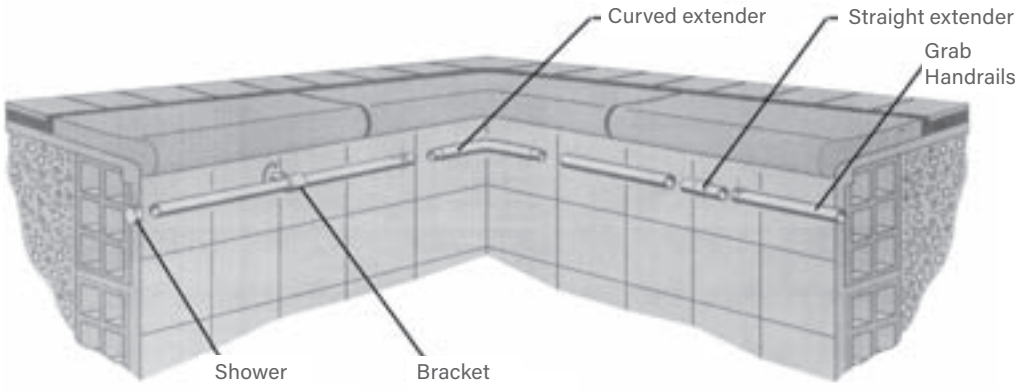
ASTRALPOOL

To convert the ladder from 500 mm to 970 mm, one "Step kit" is required for each of the steps of the ladder. It is made of polished AISI-316L stainless steel pipes, with plastic non-slip steps.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Step kit	28615	1	5.9	0.027



HANDRAILS





STRAIGHT HANDRAILS

ASTRALPOOL

In polished AISI-316L stainless steel pipe (Ø 43 mm). The length required must be ordered.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
With sealed ends	05545	1	1.5	0.002
With open ends	19946	1	1.3	0.002
With one end sealed and the other open	20092	1	1.3	0.002



STRAIGHT HANDRAIL CONNECTOR

ASTRALPOOL

Made of polished AISI-316L stainless steel. For joining Ø 43 mm stainless steel pipes.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Straight handrail connector	09452	1	0.32	0.001



CURVED CONNECTOR

ASTRALPOOL

Made of polished AISI-316L stainless steel. For joining Ø 43 mm pipes.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Curved connector	11286	1	0.3	0.001



END CAPS

ASTRALPOOL

For the end of Ø 43 mm handrail pipes. Made of polished AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
End cap	08014	1	0.1	0.001



BRACKET CLOSED AT ONE END

Made of AISI-316L stainless steel for Ø 43 mm handrails. Supplied with screws, gasket and wall plugs.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Bracket closed at one end	07789	2	0.6	0.002



90° ANGLE HANDRAIL SUPPORT

Made of AISI-316L stainless steel for Ø 43 mm handrails. Supplied with screws, gasket and wall plugs.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
90° Angle handrail support	11143	1	1.17	0.002



ADAPTOR KIT for liner swimming pools

Made of AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Adaptor kit for liner swimming pools	26172	1	0.3	0.002



SPLIT BRACKET

For Ø 43 mm pipe. Made of polished AISI-316L stainless steel. Supplied with screws and wall plugs (concrete swimming pools) and gasket and screws (liner swimming pools).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Concrete swimming pool	25342	2	0.72	0.002
Liner swimming pool	28618	2	1.40	0.002



STRAIGHT BRACKET with base plate

Made of AISI-316L polished stainless steel for Ø 43 mm handrails. Supplied with screws, gasket and wall plugs.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Straight bracket with base plate	08013	2	0.5	0.002

LIFE-SAVING

LIFEGUARD CHAIRS



LIFEGUARD CHAIR

Made with polished Ø 43 mm AISI-304L stainless steel pipes. The steps, platform and chair are made of plastic. The base bar has wheels.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Lifeguard chair	56993	1	55.6	0.52
Lifebuoy holder	56994	1	0.6	0.03
Sunshade bracket	56995	1	0.6	0.01



56994 56995



H-400 quick access lifeguard chair

Made of polished Ø 43 mm AISI-304L stainless steel pipes. The steps, platform and chair are made of plastic. Large platform and 90° rotating seat to increase the range of vision. Ideal for children's or paddling pools.

Includes bracket for sunshade.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
H-400 lifeguard chair	15673	1	39.6	0.66



MULTIPURPOSE H-1000 lifeguard chair

Made of polished Ø 43 mm AISI-304L stainless steel pipes. The steps, platform and chair are made of plastic.

Large platform and 90° rotating seat to increase the range of vision. Includes bracket for sunshade.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
H-1000 lifeguard chair	15674	1	65.0	1.64

LIFE-SAVING

LIFEGUARD CHAIRS

SENTRY® lifeguard chair

SR Smith

NEW 2023





76 cm chair wheel kit



107 cm and 168 cm chair wheel kit

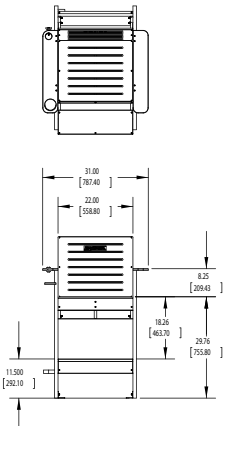
- Sentry™ series constructed from CNC cut HDPE for strength and low maintenance.
- 3 Seat Height options 76 cm, 107 cm, 168 cm.
- 76 cm chair comes with brackets for anchoring to pool deck.
- 107 cm & 168 cm chairs are pre-drilled for concrete anchors.
- 168 cm chair available with additional center support for high wind environments.
- Marine grade, 316 stainless steel hardware.
- Textured treads for slip resistant surface.
- Features integrated cup holder, life hook and sun umbrella holder.
- Optional wheels for ease of movement.
- Designed to meet the logistical and safety needs of facilities from small hotel pools to large aquatic facilities.

Accessories & Replacement Parts:

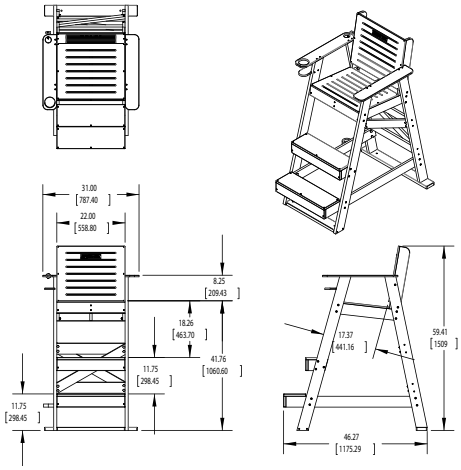
- 13-501 30" chair anchor brackets (included)
- 13-502 30" wheel kit
- 13-503 42" & 66" wheel kit

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
76 cm Sentry Lifeguard Chair	SLGC-30	1	30 Kg	-
107 cm Sentry Lifeguard Chair	SLGC-42	1	43 kg	-
168 cm Sentry Lifeguard Chair	SLGC-66	1	75 Kg	-
168 cm Sentry Lifeguard Chair with center supports	SLGC-66-S	1	82 kg	-

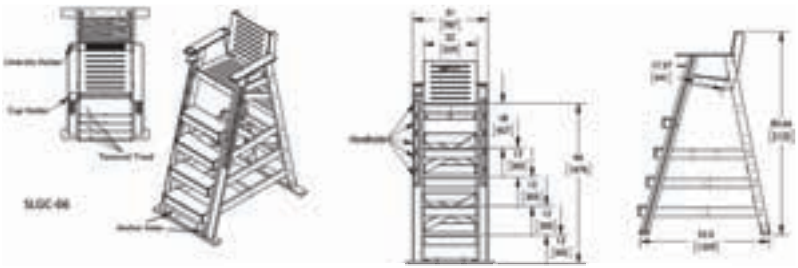
76 cm Sentry Lifeguard chair



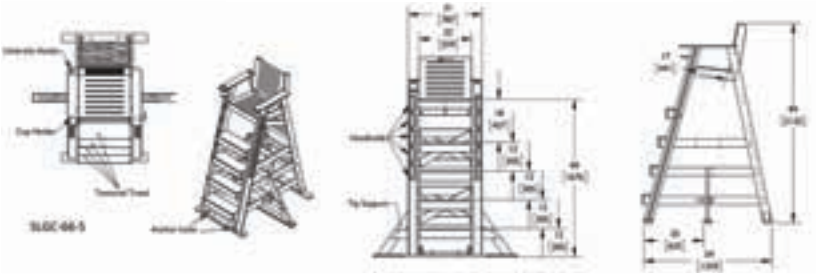
107 cm Sentry Lifeguard chair



168 cm Sentry Lifeguard chair



168 cm Sentry Lifeguard chair with center supports



LIFE-SAVING

LIFE-SAVING ACCESSORIES



LIFE SAVING HOOK

ASTRALPOOL

Made of AISI-316L stainless steel with connection to telescopic handles 01361, 01362, 01363 and 15838 by means of wing nuts.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Life saving hook	01368	1	1.46	0.03



LIFEBUOY

ASTRALPOOL

Made of Styropor covered with orange canvas, Ø 700 mm.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Lifebuoy	01369	6	18.0	0.330



LIFEBUOY HOLDER

ASTRALPOOL

Made of polished AISI-304L stainless steel. It can be hung on the wall or fitted to a lifebelt holder post (code 01371). It is supplied with wall plugs and screws.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Lifebuoy holder	01370	1	1.16	0.004



LIFEBELT HOLDER POST

ASTRALPOOL

In polished AISI-316L stainless steel (Ø 43 mm). Baseplate with 3 holed. Supplied with flexible seal, wall plugs and screws.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Lifebelt holder post	01371	1	3.0	0.01

SHOWERS

SHOWERS WITH TIMERS



SHOWER WITH TIMER and 4 shower heads

AISI-304L polished stainless steel shower, specially designed for high footfall facilities (public or semi-public pools). AstralPool showers for public facilities are characterised by their highly resistant materials, considered vandal-proof, and the water savings made thanks to their built-in flow limiters. Showerhead height from floor: 2 m. Fastened to floor with screws, with anchoring fixture incorporated. Fastens to ground with screws and includes an anchoring fixture.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Shower with timer and 4 shower heads	59779	1	18.7	0.166



SHOWERHEADS



TIMER SWITCHES

SHOWERS

SHOWER TUNNELS



SHOWER TUNNEL WITH ARCH

For swimming pool entrances. Made of polished AISI-304L stainless steel pipe with a diameter of 28 mm. Supplied with wall plugs and screws.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
1 Arch				
with 3 shower heads. Width 1.2 m.	00100	1	9.6	0.10
with 5 shower heads. Width 2 m.	19948	1	10.4	0.14



SHOWERHEAD

SHOWERS

SHOWER TUNNELS



CONTROL COLUMN

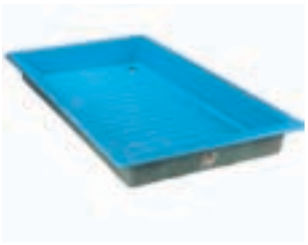
ASTRALPOOL

Made of AISI-304L stainless steel. The control the automatic opening and closing of the water circuit. It includes the following elements: a 220V/24V transformer, a photoelectric timer cell and an electro valve. It is supplied with wall plugs and screws.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Control column	00102	1	7.0	0.02

SHOWERS

OUTDOOR FOOTBATHS



FOOTWASH FOR PUBLIC USE

ASTRALPOOL

Footwash tray measuring 2 x 1 m, for public use. Made of polyester resin and fibreglass. Finished with Gelcoat. Specifications:

- Drain grille 3/8"
- Overflow and water inlet connection 3/8".
- Non-slip surface incorporated in the polyester.
- Angled tray to avoid water build-up.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Blue colour	21255	1	30.0	0.91
White colour	21255CLO7	1	30.0	0.91



DOSING RECIPIENT

ASTRALPOOL

Designed to be installed in the footwash (screwed or glued) as a recipient for a 200 g Chlorine tablet that dissolves gradually and disinfects the water. Includes locking screws to prevent undue opening as well as for ensuring user safety.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Dosing recipient	25356	-	-	-

WATER CURTAINS

NOTE: The water features do not include a pump, control box or suction pipes.

- **Range of cascades for residential pools made of AISI-316L stainless steel.**
- **The range is made up of three cascades in an outstanding modern design.**
- **Polished + matt finish.**
- **All models come with anchoring. A ½ HP pump is recommended (code 65557).**



CLASSIC WATER CURTAIN

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Classic water curtain	57095	1	28	0.38



STRAIGHT WATER CURTAIN

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Straight water curtain	57096	1	36	0.25



ONE WATER CURTAIN

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
One water curtain	57097	1	36	0.25



RECOMMENDED

Victoria Plus Silent pump See P.169



RESIDENTIAL WATER CURTAIN

ASTRALPOOL

Residential water curtain in polished stainless steel. Fastened to the ground with screws and anchor studs.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
In AISI-316L stainless steel				
A-350 - 12 m^3/h, 2 mwc	52244	1	10	0.12
A-500 - 18 m^3/h, 2 mwc	52245	1	15	0.24

NOTE: The water features do not include a pump, control box or suction pipes.

TECHNICAL FEATURES

Code	Suction concrete	Pump	Control box	*Optional Push button + Switch
52244	00302 x 2	65560	25719	04047 + 04050
52245	00302 x 2	65562	25719	04047 + 04050

* Optional: components for turning the waterfall on from the pool.

NOTE: The water features do not include anchoring, pump, control panel nor suction system.

WATER GAMES AND ORNAMENTAL WATER FEATURES

WATER CURTAINS



COBRA CURTAIN

ASTRALPOOL

Height: 1.2 m. Width 600 mm. AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Matt finish	19972	1	23.2	0.630
Painted in white	19973	1	23.2	0.630



BOA CURTAIN

ASTRALPOOL

Height: 1.2 m. Width 340 mm. AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Bright polished	19974	1	11.2	0.278



LUXE CURTAIN

ASTRALPOOL

Height: 0.9 m. AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Bright polished	19975	1	60.0	0.547



ARCHED CURTAIN

ASTRALPOOL

AISI-316L stainless steel matt finish.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Width 600 mm, Height 800 mm	20129	1	34.1	0.247
Width 600 mm, Height1000 mm	20130	1	62.0	0.547
Width 1000 mm, Height 1000 mm	20131	1	106.5	1.044

NOTE: The water features do not include anchoring, pump, control panel nor suction system.

WATER GAMES AND ORNAMENTAL WATER FEATURES

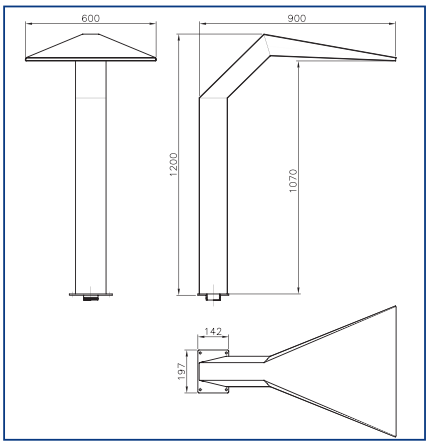
WATER CURTAINS

COBRA, BOA, LUXE, ARCHED curtains

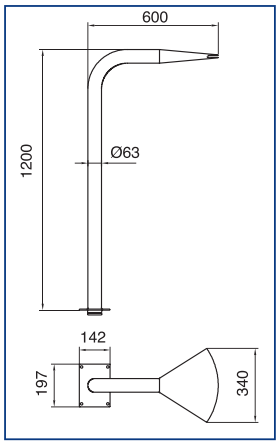




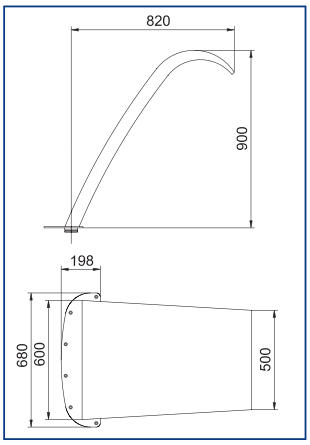

19972-19973



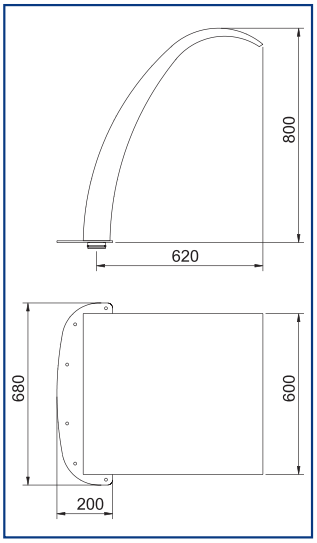
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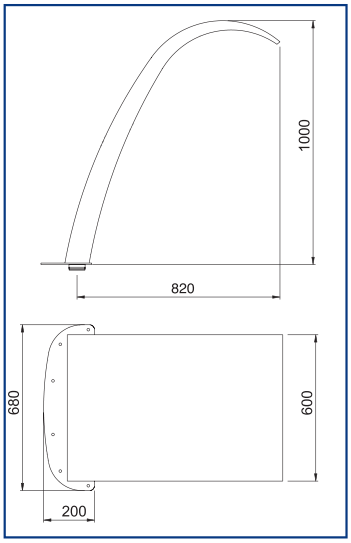
19975



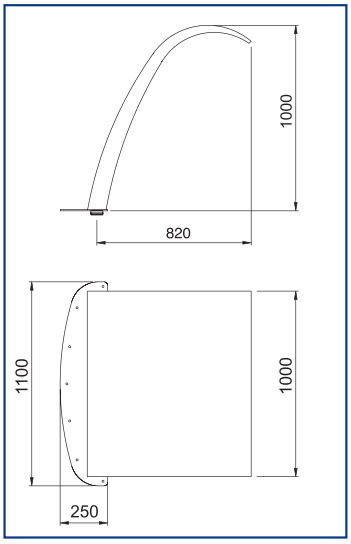
20129



20130



20131



TECHNICAL FEATURES

Curtain code	Faceplate	Anchoring sockets	Suction		Pump	Control box		
		Concrete	Concrete	Liner		Manual push button	Pneumatic push button	
							Concrete	Liner
19972	19981	19983	19987 x 3	20091 x 3	65570	19990	07537	07867
19973	19982	19983	19987 x 3	20091 x 3	65570	19990	07537	07867
19974	19977	19983	19987 x 2	20091 x 2	65565	19989	17154	17155
19975	–	19985	19987 x 3	20091 x 3	65570	19990	07537	07867
20129	–	19985	19987 x 3	20091 x 3	65570	19990	07537	07867
20130	–	19985	19987 x 3	20091 x 3	65570	19990	07537	07867
20131	–	20135	19987 x 3	20091 x 3	65570	19990	07537	07867

Note: The pneumatic push button includes: control box, wall conduits and push button.

NOTE: The water features do not include anchoring, pump, control panel nor suction system.

WATER GAMES AND ORNAMENTAL WATER FEATURES

WATER CURTAINS

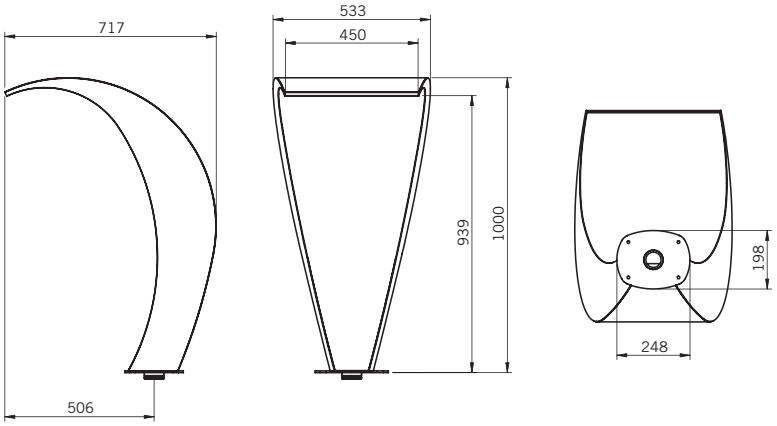
SWAN CURTAIN 450

ASTRALPOOL



In AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Matt finish	34387	1	27.7	0.356



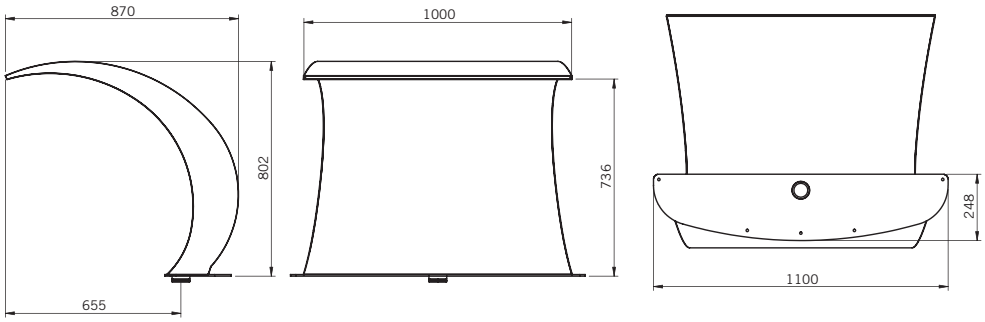


SWAN CURTAIN 1000

ASTRALPOOL

In AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Matt finish	34390	1	38.2	0.872



TECHNICAL FEATURES

Curtain code	Anchoring sockets	Suction		Pump	Control box		
	Concrete	Concrete	Liner		Manual push button	Pneumatic push button	
						Concrete	Liner
34387	19983	19987 x 2	20091 x 2	65565	19989	17154	17155
34390	20135	19987 x 3	20091 x 3	65570	19990	07537	07867

Note: The pneumatic push button includes: control box, wall conduits and push button.

NOTE: The water features do not include anchoring, pump, control panel nor suction system.



CANNONS

ASTRALPOOL

In AISI-316L polished stainless steel (cannon only, no nozzles) Ø 50mm pipe. Height 1.2 m.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Cannon	19968	1	7.2	0.193

INTERCHANGEABLE NOZZLES

ASTRALPOOL









	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Nozzle No 1	05572	1	0.66	0.003
Nozzle No 2	05573	1	0.46	0.003
Nozzle No 3	05574	1	0.56	0.003
Nozzle No 4	05575	1	0.81	0.003



VERTICAL

ASTRALPOOL

In polished AISI-316L Stainless Steel. Pipe: Ø 84 mm. Height 1.5 m.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Single	19969	1	10	0.080

WATER GAMES AND ORNAMENTAL WATER FEATURES

WATER CANNONS

NOTE: The water features do not include anchoring, pump, control panel nor suction system.



52242

52243

RESIDENTIAL WATER CANNON

ASTRALPOOL

Residential water cannon in polished stainless steel. Fastened to the ground with screws and anchor studs.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
AISI-316L stainless steel				
Round opening. 5 m^3/h, 2 mwc	52242	1	3	0.12
Flat opening. 15 m^3/h, 2 mwc	52243	1	5	0.13
AISI-304L stainless steel				
Round opening. 5 m^3/h, 2 mwc	52238	1	3	0.12
Flat opening. 15 m^3/h, 2 mwc	52239	1	5	0.13

NOTE: The water features do not include a pump, control box or suction pipes.

TECHNICAL FEATURES

Code	Suction concrete	Pump	Control box	*Optional Push button + Switch
52242	00302	65557	25718	04047 + 04050
52243	00302 x 2	65560	25719	04047 + 04050
52238	00302	65557	25718	04047 + 04050
52239	00302 x 2	65560	25719	04047 + 04050

*Optional: components for turning the cannon on from the pool.

NOTE: The water features do not include anchoring, pump, control panel nor suction system.



BELL

ASTRALPOOL

In AISI-316L stainless steel. Pipe: Ø 63 mm. Height 1.2 m.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Bell	19971	1	9.2	0.274

WATER CANNONS

NOTE: The water features do not include anchoring, pump, control panel nor suction system.







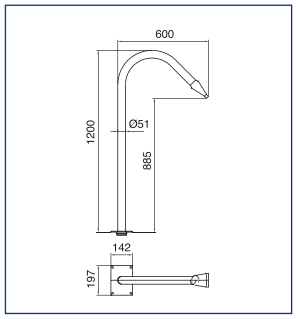


DELUXE CANNON

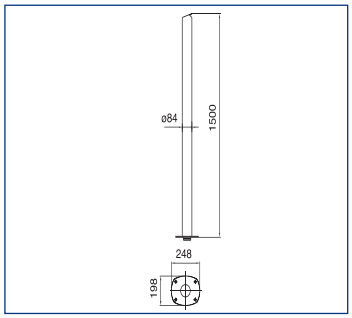
ASTRALPOOL

Stainless Steel polished AISI-316L. Pipe: Ø 63 mm. Height: 0.8 mm.

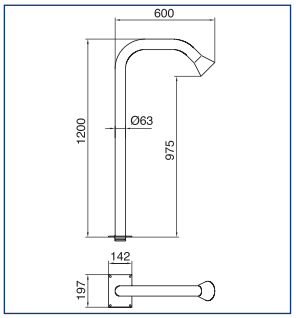
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Flat	19970	1	8.2	0.211
Circular	20132	1	9.4	0.209
6 outlets	20133	1	8.6	0.213



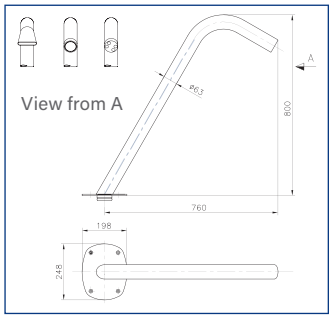
19968



19969



19971

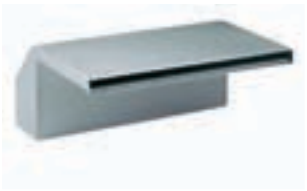


19970-20132-20133

TECHNICAL FEATURES

Code water feature	Face plate	Anchoring sockets	Suction		Pump	Control box		
		Concrete	Concrete	Liner		Manual push button	Pneumatic push button	
							Concrete	Liner
19968	19976	19983	19987 x 1	20091 x 1	65558	19988	07669	07868
19969	19978	19983	19987 x 1	20091 x 1	65558	19988	07669	07868
19970	–	19983	19987 x 1	20091 x 1	65558	19988	07669	07868
19971	19977	19983	19987 x 2	20091 x 2	65565	19989	17154	17155
20132	–	19983	19987 x 1	20091 x 1	65558	19988	07669	07868
20133	–	19983	19987 x 1	20091 x 1	65558	19988	07669	07868

Note: The pneumatic push button includes: control box, wall conduits and push button.



NOTE: The water features do not include a pump, control box or suction pipes.

ORNAMENTAL WATERFALLS

ASTRALPOOL

In AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Width (W) 300 mm. 1½" connection (B)	05577	1	6.9	0.06
Width (W) 600 mm, 2" connection (B)	05578	1	11.9	0.09

TECHNICAL FEATURES

Water feature code	Face plate	Anchoring sockets		Suction		Pump	Control box		
		Concrete	Liner	Concrete	Liner		Manual push button	Pneumatic push button	
								Concrete	Liner
05577	-	-	-	19987 x 1	20091 x 1	65558	19988	07669	07868
05578	-	-	-	19987 x 2	20091 x 2	65565	19989	17154	17155

Note: The pneumatic push button includes: control box, wall conduits and push button.



NOTE: The water features do not include a pump, control box or suction pipes.

SILKFLOW WATERFALLS

ASTRALPOOL

Waterfall made of corrosion resistant ABS. Can be fed through the return circuit of the pool filter or through a specific pump.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
300 mm waterfall	45205	1	1.19	0.012
600 mm waterfall	45206	1	2.36	0.021
900 mm waterfall	45207	1	3.45	0.003
1200 mm waterfall	45208	1	4.62	0.004
1800 mm waterfall	54090	1	7.0	0.057

TECHNICAL FEATURES

Code	Required water flow l/min	Standard pump size HP	A Length of waterfall	B Width of waterfall over the pool surface, at the recommended rate of l/min/m	C Recommended height for the waterfall	D Distance of the water at the recommended rate of l/min/m
45205	50	0.5	300 mm	200 mm	300 mm	300 mm
45206	100	0.5	600 mm	500 mm	600 mm	300 mm
45207	150	0.75	900 mm	800 mm	900 mm	300 mm
45208	200	0.75	1200 mm	1100 mm	900 mm	300 mm
54090	300	1.50	1800 mm	1700 mm	900 mm	300 mm

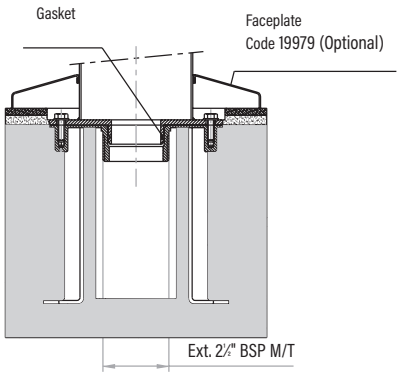
NOTE: The water features do not include anchoring, pump, control panel nor suction system.



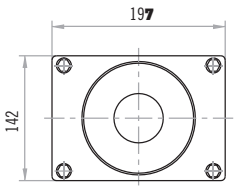
UMBRELLAS

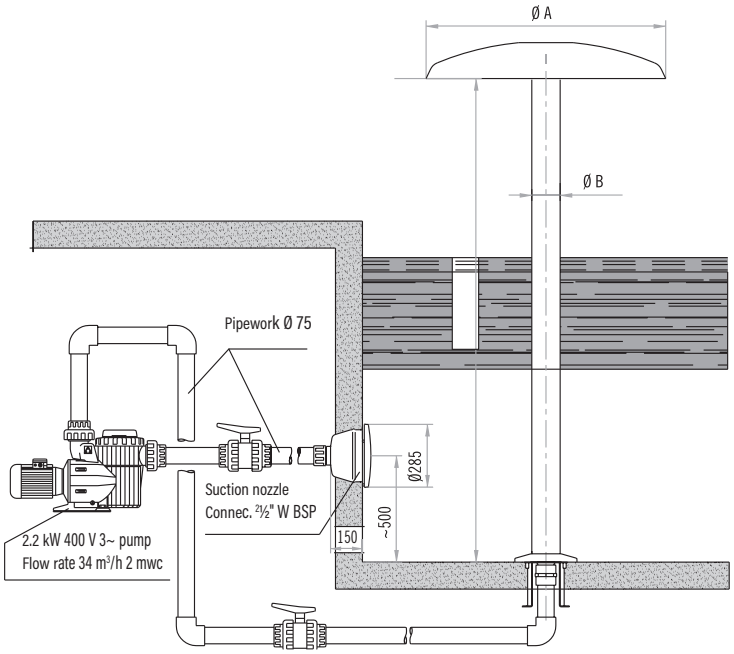
In AISI-316L Stainless Steel polished column. Umbrella in polyester.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Umbrella S, Ø 1100 mm	22750	1	30.0	0.450
Umbrella M, Ø 1500 mm	22751	1	85.0	1.900
Umbrella L, Ø 2000 mm	22752	1	110.0	2.400
Umbrella XL, Ø 2500 mm	22753	1	130.0	3.500
Column Ø 129 mm	22754	1	23.4	0.274
Column Ø 254 mm	22755	1	55.8	0.507



Anchor detail





TECHNICAL FEATURES

Parasol Ø	Canopy	Column	Face plate	Anchoring sockets		Suction		Pump	Control box		
				Concrete	Liner	Concrete	Liner		Manual push button	Pneumatic push button	
										Concrete	Liner
1100	22750	22754	19979	19983	15833	19987 x 3	20091 x 3	65570	19990	07537	07867
1500	22751	22755	19980	19984	19986	19987 x 4	20091 x 4	08003	19991	–	–
2000	22752	22755	19980	19984	19986	19987 x 4	20091 x 4	08003	19991	–	–
2500	22753	22755	19980	19984	19986	19987 x 5	20091 x 5	08004	19992	–	–

Note: The pneumatic push button includes: control box, wall conduits and push button.

NOTE: The water features do not include anchoring, pump, control panel nor suction system.

WATER GAMES AND ORNAMENTAL WATER FEATURES

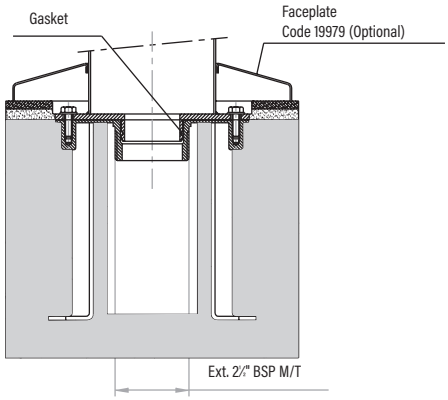
WATER MUSHROOMS

MUSHROOMS

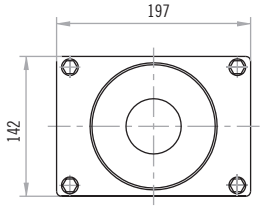


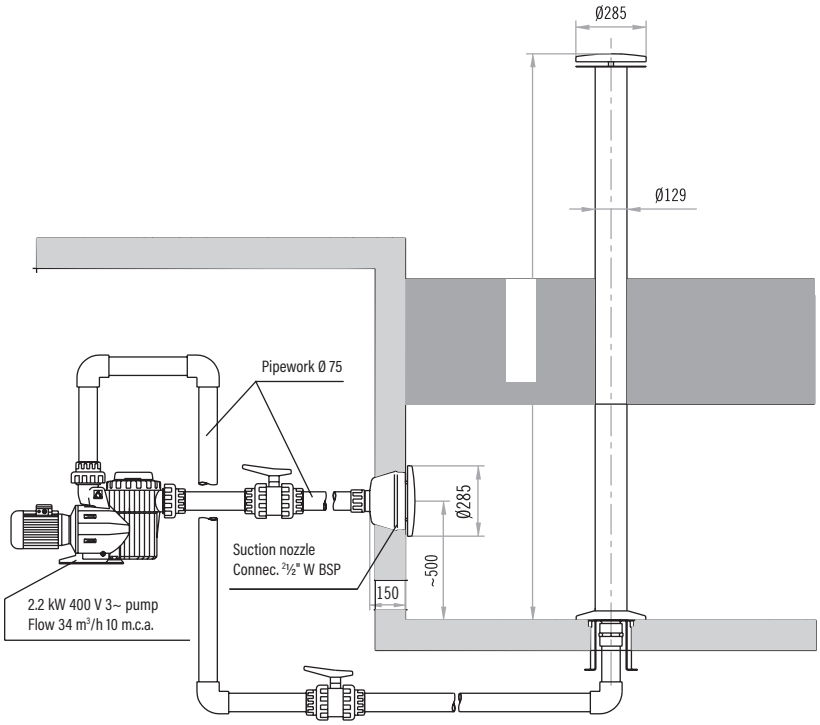
In AISI-316L polished stainless steel. Column Ø 129 mm. Height 2.3 m.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Mushroom Ø 285 mm	19966	1	24.8	0.273



Anchor detail





TECHNICAL FEATURES

Code water feature	Face plate	Anchoring sockets		Suction		Pump	Control box		
		Concrete	Liner	Concrete	Liner		Manual push button	Pneumatic push button	
								Concrete	Liner
19966	19979	19983	15833	19987 x 3	20091 x 3	65570	19990	07537	07867

Note: The pneumatic push button includes: control box, wall conduits and push button.

NOTE: The water features do not include anchoring, pump, control panel nor suction system.

WATER MUSHROOMS



WATER MUSHROOM Ø 250 MM

ASTRALPOOL

In AISI-316L stainless steel. Its fastening system allows it to be fitted in concrete or prefabricated pools. Column Ø 104 mm. Height 385 mm.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Matt finish	34378	1	5.4	0.34



WATER MUSHROOM Ø 400 MM

ASTRALPOOL

Made of AISI-316L. It has been designed for installing in prefab. and concrete pools. Column Ø 129 mm. Height 460 mm.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Matt finish	34381	1	9.6	0.124

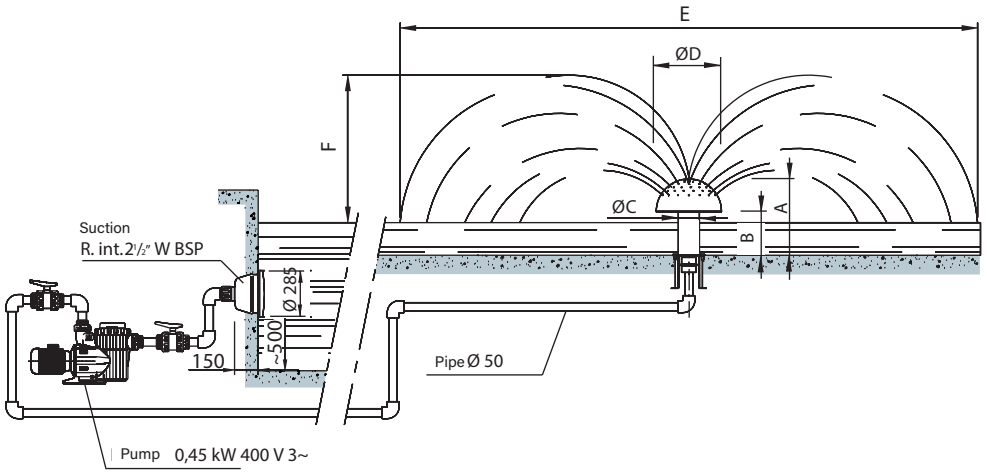


WATER MUSHROOM Ø 670 MM

ASTRALPOOL

Made of AISI-316L. It has been designed for installing in prefab. and concrete pools. Column Ø 168 mm. Height 600 mm.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Matt finish	34384	1	24.5	0.377



TECHNICAL FEATURES

Size in cm						Feature code	Anchoring sockets		Suction		Pump	Control box		
Mushroom Ø	A	B	Ø C	E	F		Concrete	Liner	Concrete	Liner		Manual push button	Pneumatic push button	
													Concrete	Liner
250	385	270	104	5000	1500	34378	19983	15833	19987x1	20091x1	65558	19988	07669	07868
400	460		129	6600	1700	34381								
670	600		168	7000	1800	34384								

Note: The pneumatic push button includes: control box, wall conduits and push button.

NOTE: The water features do not include anchoring, pump, control panel nor suction system.

WATER GAMES AND ORNAMENTAL WATER FEATURES

WATER FEATURES ACCESSORIES



WALL SUCTION POINT for concrete pools

ASTRALPOOL

In AISI-316L Stainless Steel. Ø 285 mm. Suction point for water features. Connection 2½". Max. Recommended flow: 13 m³/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Concrete swimming pool	19987	1	2.9	0.018



WALL SUCTION POINT

for prefabricated and liner pools

ASTRALPOOL

In AISI-316L Stainless Steel. Ø 285 mm. Suction point for water features. Connection 2½". Max. Recommended flow: 13 m³/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Prefabricated and liner pool	20091	1	2.9	0.018



19983

ANCHORING FOR LINER POOLS

ASTRALPOOL

In AISI-316L Stainless Steel. Includes base for embedding, fixing plate, gaskets and earth connection. Connection 2½".

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Rectangular anchoring	19983	1	2.1	0.012
Ø 254 mm anchoring	19984	1	9.8	0.113
600 mm wide anchoring	19985	1	6.4	0.039
1000 mm wide anchoring	20135	1	10.8	0.076



15833

ANCHORING FOR LINER POOLS

ASTRALPOOL

In AISI-316L Stainless Steel. Includes base for embedding, fixing plate, 3 gaskets and earth connection. Connection 2½".

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Rectangular anchoring	15833	1	2.5	0.007
Ø 254 mm anchoring	19986	1	11.0	0.400



19986

WATER FEATURES ACCESSORIES

NOTE: The water features do not include anchoring, pump, control panel nor suction system.



BASE COVER

ASTRALPOOL

In polished AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Ø 51 mm	19976	1	1.0	0.008



BASE COVER

ASTRALPOOL

In polished AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Ø 63 mm	19977	1	1.0	0.008



BASE COVER

ASTRALPOOL

In polished AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Ø 84 mm	19978	1	0.9	0.006



BASE COVER

ASTRALPOOL

In polished AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Ø 129 mm	19979	1	0.9	0.005



BASE COVER

ASTRALPOOL

In polished AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Ø 254 mm	19980	1	0.9	0.006

NOTE: The water features do not include anchoring, pump, control panel nor suction system.

WATER GAMES AND ORNAMENTAL WATER FEATURES

WATER FEATURES ACCESSORIES



BASE COVER

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
600 mm curtain. Matt finish	19981	1	1.22	0.008



BASE COVER

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
600 mm curtain. Painted	19982	1	1.28	0.008



CE

CONTROL BOX – MANUAL

ASTRALPOOL

		Code	Standard Pack	Standard weight in kg	Standard volume in m³
Manual - control box					
0.45 kW	(0.5 HP) 400 V III	19988	1	0.7	0.005
1.1 kW	(1.5 HP) 400 V III	19989	1	0.7	0.005
2.2 kW	(3.0 HP) 400 V III	19990	1	0.7	0.005
2.65 kW	(3.5 HP) 400 V III	19991	1	0.7	0.005



CONTROL BOX PNEUMATIC SWITCH

ASTRALPOOL

Enables bathers to control water features from inside the pool. Includes control box, wall conduit, air pipe and pneumatic switch.

		Code	Standard Pack	Standard weight in kg	Standard volume in m³
For concrete pool					
2.2 kW	(3.0 HP) 400 V III	07537	1	3.1	0.02
0.45 kW	(0.5 HP) 400 V III	07669	1	3.1	0.02
1.1 kW	(1.5 HP) 400 V III	17154	1	3.1	0.02
For prefabricated pools					
2.2 kW	(3.0 HP) 400 V III	07867	1	3.2	0.02
0.45 kW	(0.5 HP) 400 V III	07868	1	3.2	0.02
1.1 kW	(1.5 HP) 400 V III	17155	1	3.2	0.02

All products must be installed at a depth of 30–40 cm. See the technical specifications on the following pages.

WATER GAMES AND ORNAMENTAL WATER FEATURES

WATER GAMES

- **Water features help to create a leisure space where you can enjoy water activities in a fun, safe and physically active environment with your family.**



HYDRA

ASTRALPOOL

- Body of polyester reinforced with fiberglass.
- Outlet nozzles made of stainless steel AISI-304L.
- Hardware made of S.S. AISI-304L.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Hydra	66450	1	-	-



CRUX

ASTRALPOOL

- Body of polyester reinforced with fiberglass.
- Outlet nozzles are made of stainless steel AISI-304L and polyacetal.
- Hardware made of S.S. AISI-304L.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Crux	66449	1	-	-



CORVUS

ASTRALPOOL

- Body of polyester reinforced with fiberglass.
- Outlet nozzles made of polyacetal (POM).
- Hardware made of S.S. AISI-304L.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Corvus	66451	1	-	-

All products must be installed at a depth of 30–40 cm. See the technical specifications on the following pages.

WATER GAMES AND ORNAMENTAL WATER FEATURES

WATER GAMES

RAINBOW SUNSHADE

ASTRALPOOL



- Bodywork in polyester reinforced with fibreglass. AISI-304L stainless steel shaft.
- Outlet nozzles made of stainless steel AISI-304L.
- Hardware made of S.S. AISI-304L.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Rainbow Sunshade	66452	1	-	-

PALM

ASTRALPOOL



- Shape made of polyester reinforced with fiberglass.
- Body made of stainless steel AISI-304L.
- Outlet nozzles made of polyacetal (POM).
- Hardware made of S.S. AISI-304L.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Palm	66453	1	-	-

BOW

ASTRALPOOL



- Body made of stainless steel AISI-304L.
- Polyacetal sprinklers.
- Hardware made of stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Bow	66456	1	-	-

All products must be installed at a depth of 30–40 cm. See the technical specifications on the following pages.

WATER GAMES

LAMPPOST

ASTRALPOOL



- Baskets made of fibreglass.
- Body made of stainless steel AISI-304L.
- Outlet nozzles are made of stainless steel AISI-304L.
- Hardware made of stainless steel AISI-304L.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Lamppost	66454	1	-	-

STREETLIGHT

ASTRALPOOL



- Shape made of polyester reinforced with fiberglass.
- Body made of stainless steel AISI-304L.
- Outlet nozzles made of stainless steel AISI-304L.
- Hardware made of stainless steel AISI-304L.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Streetlight	66455	1	-	-

RAINBOW MINI SLIDE

ASTRALPOOL

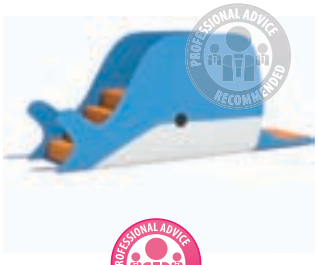


- Slide made of polyester reinforced with fiberglass.
- Panels made of 20 mm high density polythene.
- Hardware made of stainless steel AISI-304L.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Rainbow Mini Slide	66457	1	-	-

WHALE MINI SLIDE

ASTRALPOOL



- Slide made of polyester reinforced with fiberglass.
- Panels made of 20 mm high density polythene.
- Hardware made of stainless steel AISI-304L.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Whale Mini Slide	66458	1	-	-

WATER GAMES AND ORNAMENTAL WATER FEATURES

WATER GAMES





This product must be installed at a depth of 30–40 cm.

ATLANTIC

ASTRALPOOL

- Slide made of polyester reinforced with fiberglass.
- Posts made of AISI-304L stainless steel, coated in polyester paint.
- High-density 15 mm polyethylene panels.
- Outlet nozzles are made of stainless steel AISI-304L and polyacetal.
- Hardware made of stainless steel AISI-304L.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Atlantic	66459	1	-	-



Article to be installed at poolside at a depth of at least 110 cm.

ACTIVE

ASTRALPOOL

- Slide made of polyester reinforced with fiberglass.
- Wooden posts.
- Panels made of 20 mm high density polythene.
- Handrail and fasteners made of AISI-304L stainless steel.
- Baseplates made of AISI-304L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Active	66460	1	-	-





This product must be installed at a depth of 30–40 cm.

BUBBLES

ASTRALPOOL

- Slide made of polyester reinforced with fiberglass.
- Posts made of AISI-304L stainless steel, coated in polyester paint.
- High-density 15 mm polyethylene panels
- Outlet nozzles made of polyacetal (POM).
- Hardware made of stainless steel AISI-304L.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Bubbles	66461	1	-	-

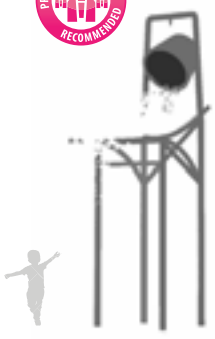
WATER GAMES AND ORNAMENTAL WATER FEATURES

WATER GAMES

TECHNICAL FEATURES

Code	Name	Floor plan dimensions (cm)	Maximum height of water feature (cm)	Required flow rate (l/min)	Pressure (bar)
66450	Hydra	Ø 87	161.5	120	1
66449	Crux	130 x 50	140	130	1
66451	Corvus	60 x 60	163.5	47	1
66452	Sunshade Rainbow	Ø 160	289.5	400	1
66453	Palm	Ø 223	350	120	1
66456	Bow	320	160	70	1
66454	Lamppost	Ø 79	345	120	1
66455	Streetlight	Ø 198	360	360	1
66457	Rainbow Mini Slide	279 x 630	105	-	-
66458	Whale Mini Slide	276 x 660	101	-	-
66459	Atlantic	331 x 108	412	850	1
66460	Active	575 x 423	275	48	1
66461	Bubbles	660 x 582	375	400	1





READY FOR FUN?
It is a game whose main feature is the surprise factor. Children do not know when the cube is filled and overturn on them all the water it contains. It is specially designed for older children or young people.

WAVE SPLASH BUCKET

ASTRALPOOL

Designed and manufactured according to the standards EN-1176. It has nozzles embedded and rotating parts that avoid grips and entrapments in order to ensure maximum safety.

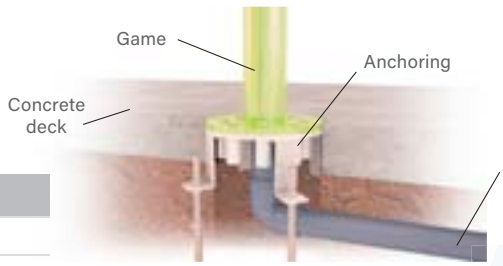
Used materials:

- Aisi-304L stainless steel painted with powder coating of polyester, matt finish and treaty against the heat.
- Drive nozzles made of synthetic polymer POM.
- AISI-304L stainless steel hardware vandal-proof.
- Feet protection to prevent children from damage.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Wave Splash bucket	IS-30A47	1	-	-

How is it installed ?

It is necessary to soak it into the concrete anchor and connect it to a water intake.



TECHNICAL FEATURES

Code	IS-30A47
Measurements	195 X 140 X 455 cm
Age range	4 - 15 years
Users	8 users
Water outlets	1 unit
Pool depth	From 0 to 35 cm
Pressure	105 Pa
Water flow	200 lpm





ASTRALPOOL BIKE

Aquabike made of square and rectangular polished AISI-316L stainless steel pipe. Ideal for gyms, wellness centres, spas, medical facilities, hotels and private pools.

- Made of AISI-316L stainless steel.
- Adjustable height of saddle and handlebar.
- For use in public and residential pools from 1 to 1.5 metres in depth.
- Ergonomic.
- Pedals made of PUR.
- Easy to move about.

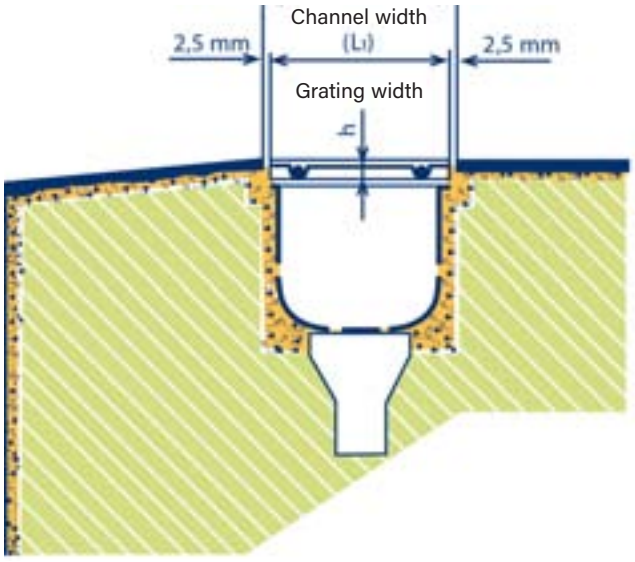
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
AstralPool Bike	67333	1	20	0.12

GENERAL NOTE FOR ALL MODELS

Made of PP stabilized against UV rays. The whole range comes in white. Ask your dealer about other colours.

Made up of tiles in modules for straight and curved sections (outer radius of 1 or 2 m), they click into place (male-female fitting), which gives certain leeway in assembling them, as well as absorbing their potential expansion due to the temperature changes to which they are exposed.

For all models of grating, a channel 5 mm wider than the grating must be built so that it easily fits into place and any potential expansion is prevented.



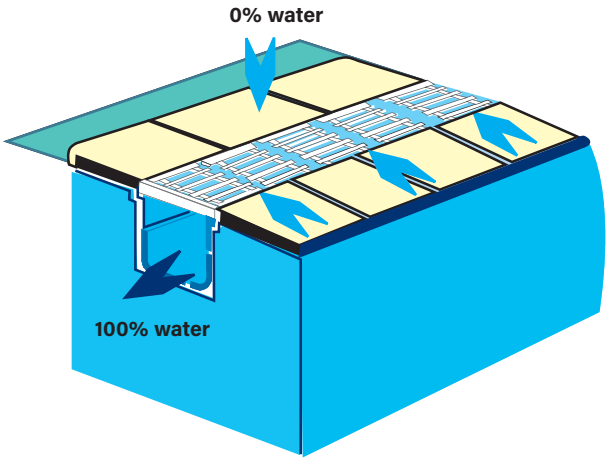
Channel width	Grating width
200	195
250	245
300	295
350	345

The height (h) of the grating varies depending on the model.

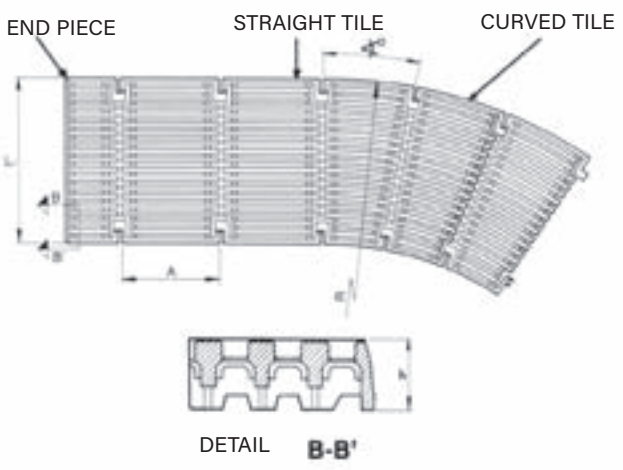
– Longitudinal model h = 24 mm

– Transversal model h = 22 mm and h = 35 mm

LONGITUDINAL MODEL



The longitudinal design of this model ensures that any excess water from the pool is not allowed to overflow onto the pool deck, thus maintaining it practically dry.



	Model	L	L1	h	A	r.1m.	r.2m.
STRAIGHT TILE	05581	200	195	24	206	-	-
	05582	250	245	24	206	-	-
	05583	300	295	24	206	-	-
	05584	350	345	24	206	-	-
END PIECE	06420	200	195	24	-	-	-
	06421	250	245	24	-	-	-
	06422	300	295	24	-	-	-
	06423	350	345	24	-	-	-
CURVED TILE	08001	200	195	24	-	x	
	08002	300	295	24	-	x	
	07565	250	245	24	-	x	
	07566	350	345	24	-	x	
	05585	200	195	24	-		x
	05586	250	245	24	-		x

GRILLES FOR OVERFLOW

Other grating colours can be made to order. For further information, ask your AstralPool dealer.

LONGITUDINAL GRATING TILE



Made of PP stabilized against UV rays. Grating fastened together using male-female hooks (5 units = 1,024 meters). The flexible properties of the grating means a radius of up to 5 m can be covered.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Height 24 mm, width 195 mm	05581	45	16.2	0.080
Height 24 mm, width 245 mm	05582	29	13.4	0.080
Height 24 mm, width 291 mm	05583	28	15.6	0.080
Height 24 mm, width 345 mm	05584	19	13.2	0.080

CURVED GRATING TILE



Made of PP stabilized against UV rays. Grating fastened together using male-female hooks.

Height	**L**	**L1**	**Radius**	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
24 mm	200 mm	195 mm	1 m	08001	60	17.2	0.079
24 mm	300 mm	295 mm	1 m	08002	32	14.6	0.079
24 mm	250 mm	245 mm	1 m	07565	42	17.2	0.079
24 mm	350 mm	345 mm	1 m	07566	24	13.4	0.079
24 mm	200 mm	195 mm	2 m	05585	48	17.2	0.079
24 mm	250 mm	245 mm	2 m	05586	30	14.2	0.079

END PIECE KIT for parallel grating



Made of AISI-304L stainless steel plate, with end piece and longitudinal grating made of PP stabilized against UV rays. Made so that the grating in the end piece can be cut to fit in place.

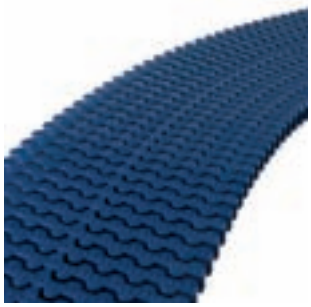
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Height 24 mm, width 195 mm	16064	15	5.11	0.002
Height 24 mm, width 245 mm	16065	12	5.17	0.002
Height 24 mm, width 291 mm	16066	8	4.21	0.002
Height 24 mm, width 345 mm	16067	8	5.00	0.002

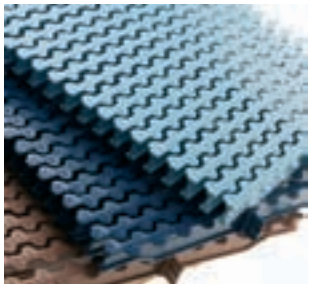
PERIMETER GRATING



Range of overflow grating for swimming pools. Made of homopolymer polypropylene, with additives for UV protection. Available in 500 mm long modules with male-female hooks for easy and fast assembly.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
0.5 m longitudinal grating Height 22 mm Width 195 mm	28664	20	19.9	0.080





MODULAR TRANSVERSAL GRATING

for curves

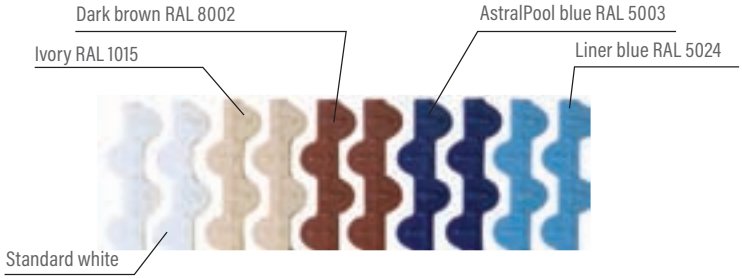
Made of PP stabilized against UV rays. Assembled by fitting the modules together. Available in 5 colours. Other grating colours can be made to order. For further information, please contact your AstralPool dealer.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Modular grating for curves				
Height 22 mm, width 195 mm	34190	470	14.1	0.08
Height 22 mm, width 245 mm	34191	320	12.4	0.08
Height 22 mm, width 295 mm	34192	300	15.0	0.08
Height 22 mm, width 335 mm	34193	250	15.0	0.08
Reversible modular grating for curves				
Height 35 mm, width 195 mm	34194	450	16.0	0.08
Height 35 mm, width 245 mm	34195	300	13.7	0.08
Height 35 mm, width 295 mm	34196	290	17.3	0.08
Height 35 mm, width 335 mm	34197	250	17.4	0.08

Note: Colours in the pictures are not exactly the same as in real product.

Other grating colours can be made to order. For further information, ask your AstralPool dealer.

TECHNICAL FEATURES	
Colour	**Code**
White	-
RAL 1015	CL90
RAL 8002	CL109
RAL 5003	CL60
RAL 5024	CL 108





TRANSVERSAL GRATING FOR CURVES

Modular transversal grating for curves. Made of PP stabilized against UV rays. Assembled by fitting the modules together. Class 3 slip resistance (Rd>45) pursuant to UNE-ENV 12633: 2003.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Modular grating for curves				
Height 22 mm, width 195 mm	52535	470	14.1	0.08
Height 22 mm, width 245 mm	52536	320	12.4	0.08
Height 22 mm, width 295 mm	52537	300	15.0	0.08
Height 22 mm, width 335 mm	52538	250	15.0	0.08
Reversible modular grating for curves				
Height 35 mm, width 195 mm	52539	450	16.0	0.08
Height 35 mm, width 245 mm	52540	300	13.7	0.08
Height 35 mm, width 295 mm	52541	290	17.3	0.08
Height 35 mm, width 335 mm	52542	250	17.4	0.08

Other grating colours can be made to order. For further information, ask your AstralPool dealer.

Other grating colours can be made to order. For further information, ask your AstralPool dealer.



MODULAR TRANSVERSAL GRATING

for curves

ASTRALPOOL

Made of PP stabilized against UV rays. Assembled by fitting the modules together.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Modular grating for curves				
Height 22 mm, width 195 mm	11107	470	15.8	0.080
Height 22 mm, width 245 mm	11108	320	13.6	0.080
Height 22 mm, width 295 mm	19202	300	18.0	0.080
Height 22 mm, width 335 mm	19203	250	17.0	0.080
Reversible modular grating for curves				
Height 35 mm, width 195 mm	00220	450	16.5	0.080
Height 35 mm, width 245 mm	00221	300	14.3	0.080
Height 35 mm, width 295 mm	00222	290	19.3	0.080
Height 35 mm, width 335 mm	00223	250	18.1	0.080



MODULAR GRATING FOR CURVES

ASTRALPOOL

Made of PP stabilized against UV rays. Assembled by fitting the modules together. Non-slip surface. Other colours available on request. For further information, please contact your AstralPool dealer. Compliant with standard EN-13451-1 (8 mm). Class 3 slip resistance (Rd>45) pursuant to UNE-ENV 12633: 2003.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Modular grating for curves				
Height 22 mm, width 195 mm	28656	470	20.84	0.082
Height 22 mm, width 245 mm	28657	320	18.80	0.082
Height 22 mm, width 295 mm	28658*	300	18.80	0.082
Height 22 mm, width 335 mm	28659*	250	20.84	0.082
Reversible modular grating for curves				
Height 35 mm, width 195 mm	28660	450	26.90	0.082
Height 35 mm, width 245 mm	28661	300	24.70	0.082
Height 35 mm, width 295 mm	28662*	290	26.61	0.082
Height 35 mm, width 335 mm	28663*	250	22.25	0.082

* In testing process.



TRANSVERSAL GRATING

ASTRALPOOL

Made of PP stabilized against UV rays. Fastened together by a pass-through cable (49 units per metre).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Height 22 mm, width 195 mm	00212	340	11.9	0.039
Height 22 mm, width 245 mm	00213	305	13.2	0.039

GRILLES FOR OVERFLOW



STAINLESS STEEL plastic coated cable

ASTRALPOOL

Ø 2.5 mm for fastening modules together.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Stainless steel plastic coated cable	00214	1000 m	21.0	0.036



AISI-316L STAINLESS STEEL

plastic coated cable

ASTRALPOOL

Ø 2.5 mm for fastening modules together.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
AISI-316L stainless steel plastic coated cable	00215	1000 m	21.0	0.036

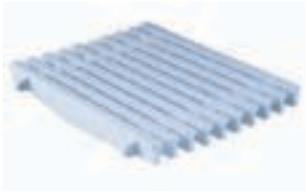


CABLE LOCKING PINS

ASTRALPOOL

Made of brass.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Cable locking pins	00216	100	1.5	0.001



TRANSVERSAL GRATING TILE

ASTRALPOOL

Made of PP stabilized against UV rays. Tiles fitted together using a snap fastening system (5 units = 0.975 m).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Height 22 mm, width 245 mm	00217	52	22.8	0.080
Height 22 mm, width 295 mm	00218	45	23.1	0.080
Height 22 mm, width 335 mm	00219	38	22.0	0.080

Other grating colours can be made to order. For further information, ask your AstralPool dealer.



GRATING SUPPORT PROFILE

ASTRALPOOL

Suitable for grating heights of 22, 24 and 35 mm. Made of weather resistant plastic. Supplied in 2 m strips.

Inside measurements: 24 mm x 37 mm.

Available in other colours. For further information, ask your dealer.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Grating support profile	00224	25	13.2	0.033

GRILLES FOR OVERFLOW

90° CORNER TILES for overflow channels

ASTRALPOOL



Other grating colours can be made to order. For further information, ask your AstralPool dealer.

Made of white, injection moulded copolymer polypropylene.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Height 22 mm, channel width 195 mm	22379	4	2.8	0.006
Height 22 mm, channel width 245 mm	22380	4	3.6	0.009
Height 22 mm, channel width 295 mm	22381	4	4.8	0.012
Height 22 mm, channel width 335 mm	22382	4	5.7	0.016
Height 35 mm, channel width 195 mm	22383	4	3.2	0.009
Height 35 mm, channel width 245 mm	22384	4	4.1	0.014
Height 35 mm, channel width 295 mm	22385	4	5.3	0.012
Height 35 mm, channel width 335 mm	22386	4	6.2	0.023

STAINLESS STEEL longitudinal grating

ASTRALPOOL



Complies with Standard EN 13451-1-3

Complies with Standards EN 16582-1 EN 16713-2

Longitudinal grating made of stainless steel. A channel 5 mm wider than the grating must be dug so that it is easy to fit.

It is made up of straight sections of AISI-316L stainless steel, 500 mm in length. Straight sections can be made to measure in order to fit the length of any pool.

There are 4 different models depending on the grating used. Height 35 mm.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
In stainless steel				
195 mm longitudinal grating	32415	-	-	-
245 mm longitudinal grating	32416	-	-	-
295 mm longitudinal grating	32417	-	-	-
345 mm longitudinal grating	32418	-	-	-

STAINLESS STEEL reinforced grating

ASTRALPOOL





Complies with Standard EN 1345-1:2000

AISI-316L stainless steel grating, compliant with standard EN: 1345-1:2000. Resistant to salt water. Intended for use in both residential and public pools.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Reinforced 252 x 252 mm grating	70956	1	-	-
Reinforced 410 x 410 mm grating	70957	1	-	-



POOL SHELL EQUIPMENT

82 CONCRETE POOL

82 Main drains
85 Main drain accessories
86 Main drain grilles
87 ABS Inlets
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90 LINER AND PREFABRICATED POOL

92 Main drains
93 Main drain accessories
93 Main drain grilles
94 ABS Inlets
96 Stainless Steel Inlets

POOL MAIN DRAINS INFORMATION

How affects UNE-EN 13451-3:2012+A3:2016 main drains in commercial pools

	NEW POOL		POOL RENOVATION	
	Suction rate: insure a maximum of 0.5 m/s paragraph 4.6.1			
	ANTI-VORTEX COVER	NON ANTI-VORTEX COVER	WITH MAIN DRAIN BODY CHANGE	UNCHANGED MAIN DRAIN BODY
RISK OF ENTRAPMENT **How to prevent it?**	Number of main drains per pool: **1** According to paragraph 4.6.1b (1, 2 and 3)	Number of main drains per pool: **2** balanced main drains, **distanced at minimum 2 meters.** And if any of the **2 main drain** is blocked the remaining one **should be able to absorb 100%** of the installation flow. According to paragraph 4.6.1a (1, 2 and 3)	Applies **new pool rules**	Install an **anti-vortex grille** on pre-installed main drain According to paragraph 4.6.1b (1, 2 and 3) or one or more additional main drain shall be installed as paragraph 4.6.1a (1, 2 and 3)
	Another possibility is to install a compensating tank.			
CAVITY DIMENSION	Main drain should respect a certain cavity dimensions according to a mathematical rule.			
	In addition to the main drain requirements a vacuum system may be provided.			
OTHERS	Other requisites are considered to define that a main drain in compliant with EN, like design. e.g. the design of the grill to avoid human body parts or hair entrapment.			

Only with the fulfillment of all requisites of the standard, a Compliance Certification can be delivered!

*Anti-vortex plate is a special component installed in the suction line to control the turbulence in a flowing fluid. These plates allows to control the velocity of the fluid thus preventing cavitation in the fluid according to UNE-EN 13451-3.

CONCRETE POOL

MAIN DRAINS

- **All main drains in the range are supplied with UV protection.**
- **To prevent the risk of suction, install the main drains according to local regulations.**
- **Recommended use: Maximum suction rate of 0.5 m/s.**
- **Install at least 2 main drains, each with a suction capacity able to handle the pool's full flow rate.**

NORM MAIN DRAIN

ASTRALPOOL



56378



56378CL090



56378CL129



56378CL144



56379
Also available in other colours

UNE-EN 13451-1-3

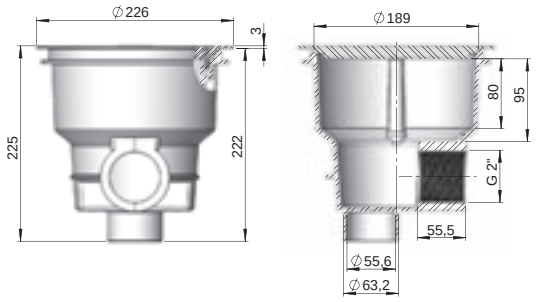
56379 complies with de standard EN 13451-3

UNE-EN 16582-1 EN 16713-2

Complies with Standards
EN 16582-1
EN 16713-2

Range of main drains suitable for public and private swimming pools. Supplied with flat or antivortex grilles. Manufactured in ABS with UV treatment, fitted with a 2" side outlet and a 1½" bottom outlet connection, bottom outlet covered by semi-die cut tab.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Flat grating				
White	56378	4	10.60	0.069
Beige	56378CL090	4	10.60	0.069
Light Grey	56378CL129	4	10.60	0.069
Anthracite Grey	56378CL144	4	10.60	0.069
Antivortex grating				
White	56379	4	10.60	0.069
Beige	56379CL090	4	10.60	0.069
Light Grey	56379CL129	4	10.60	0.069
Anthracite Grey	56379CL144	4	10.60	0.069





MAIN DRAIN WITH SQUARE COVER

in stainless steel. 2" outlet

ASTRALPOOL

2" side outlet. Manufactured in stainless steel. AISI-316. Antivortex lid. Can be used in concrete and prefabricated pools with a 00276 adapter. Maximum flow rate: 6 m³/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
	00269	1	1.14	0.01

CONCRETE POOL

MAIN DRAINS



NORM MAIN DRAIN

in polyester and fibreglass - 330 mm x 330 mm

ASTRALPOOL

Range of main drains manufactured in polyester resin and fibreglass. Grille in stainless steel AISI-316L. Optional hydrostatic valve. Minimum depth of installation: 1.5 m. Maximum recommended flow rate down drain: 103 m³/h (0.5 m/s).

UNE-EN 13451-1-3

Complies with Standard EN 13451-1/3 2012

Outlet connection to be glued	Flow rate	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Ø 75 mm	15 m³/h	20282N	1	8	0.08
Ø 90 mm	23 m³/h	20283N	1	9	0.08
Ø 110 mm	27 m³/h	20284N	1	10	0.08





MAIN DRAIN

in polyester and fibreglass - 330 mm x 330 mm

ASTRALPOOL

With a gelcoat finish. With optional hydrostatic valve. Maximum recommended flow rate in accordance with standard EN 13451-1.

Optional standard American size and antivortex in standard American size

Grille in stainless steel AISI-316L. Holes < 8 mm

Outlet connection to be glued	Flow rate	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Ø 75 mm	16 m³/h	20282	1	5	0.047
Ø 90 mm	22 m³/h	20283	1	5	0.047
Ø 110 mm	33 m³/h	20284	1	5	0.047

Grille in ABS plastic with protection against UV rays.

Outlet connection to be glued	Flow rate	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Ø 75 mm	16 m³/h	22359	1	4.5	0.034
Ø 90 mm	22 m³/h	22360	1	4.5	0.034
Ø 110 mm	33 m³/h	22361	1	4.5	0.034
Ø 125 mm	43 m³/h	22362	1	4.5	0.034



NORM MAIN DRAIN

in polyester and fibreglass - 507 mm x 507 mm

ASTRALPOOL

Range of drains manufactured in polyester resin and fibreglass. Grille in AISI-316L stainless steel. Optional hydrostatic valve. Minimum depth of installation: 1.5 m. Maximum recommended flow rate down drain: 103 m³/h (0.5 m/s).

UNE-EN 13451-1-3

Complies with Standard EN 13451-1/3 2012

Outlet connection to be glued	Flow rate	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Ø 110 mm	42 m³/h	20285N	1	16	0.23
Ø 125 mm	51 m³/h	20286N	1	17	0.23
Ø 140 mm	66 m³/h	20287N	1	18	0.23
Ø 160 mm	95 m³/h	20288N	1	19	0.23
Ø 200 mm	103 m³/h	20289N	1	20	0.23

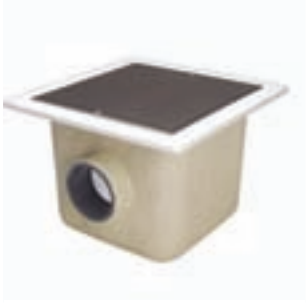
Optional standard American size

CONCRETE POOL

MAIN DRAINS

MAIN DRAIN

in polyester and fibreglass - 507 mm x 507 mm





With a gelcoat finish. With optional hydrostatic valve. Maximum recommended flow rate in accordance with standard EN 13451-1.

		Code	Standard Pack	Standard weight in kg	Standard volume in m³
Grille in AISI-316L stainless steel. Holes < 8 mm					
Outlet connection to be glued	**Flow rate**				
Ø 110 mm	33 m³/h	20285	1	11.5	0.132
Ø 125 mm	43 m³/h	20286	1	11.5	0.132
Ø 140 mm	54 m³/h	20287	1	11.5	0.132
Ø 160 mm	70 m³/h	20288	1	11.5	0.132
Ø 200 mm	100 m³/h	20289	1	11.5	0.132
Grille in ABS plastic with protection against UV rays.					
Outlet connection to be glued	**Flow rate**				
Ø 110 mm	33 m³/h	28709	1	11.5	0.132
Ø 125 mm	43 m³/h	28710	1	11.5	0.132
Ø 140 mm	54 m³/h	28711	1	11.5	0.132
Ø 160 mm	70 m³/h	28712	1	11.5	0.132
Ø 200 mm	100 m³/h	28713	1	11.5	0.132

CONCRETE POOL

MAIN DRAIN ACCESSORIES

HYDROSTATIC VALVE



To alleviate the pressure that can build up under the pool shell due to groundwater, it is recommended that a hydrostatic valve and a drainage pipe be fitted to the main drain. Hydrostatic valve to be fitted to the 2" bottom outlet on main drains. Made of white ABS, with stainless steel screw and spring. 1½" male thread..

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
	00277	50	2.63	0.01

DRAINAGE PIPE



Drainage pipe with 1½" BSP thread connection for main drains with code numbers 01466, 27837 and 27839. Made of ABS.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
	21581	24	3.54	0.021





FLUSH-FIT ANTIVORTEX COVER

ASTRALPOOL

Special flush-fit design that enables pool cleaners to go over it without blocking it up. Smooth slopes.

The 415 mm x 415 mm cover (25344) can be fitted to the following main drains:

With stainless steel grille:	With plastic grille:
-20282	-22359
-20283	-22360
-20284	-22361
	-22362

The 570 mm x 570 mm cover (28556) can be fitted to the following main drains:

With stainless steel grille:	With plastic grille:
-20285	-28709
-20286	-28710
-20287	-28711
-20288	-28712

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
415 mm x 415 mm, Height: 70 mm	25344	1	2.25	0.012
570 mm x 570 mm, Height: 60 mm	28556	1	4.00	0.032

Complies with Standard EN 13451-1-3



DRAIN GRILLE in stainless steel

ASTRALPOOL

Designed for concrete pools. Support frame and grille in polished stainless steel. Supplied with fixing screws. Other sizes can be made to order.

		Code	Standard Pack	Standard weight in kg	Standard volume in m^3
AISI-304					
Size (mm)	**Max. recommended flow rate**				
200 x 200	15 m^3/h (0.5 m/s)	00284	1	1.2	0.01
300 x 300	43 m^3/h (0.5 m/s)	00285	1	2.2	0.01
400 x 400	83 m^3/h (0.5 m/s)	00286	1	4.0	0.03
500 x 500	136 m^3/h (0.5 m/s)	00287	1	4.5	0.04
AISI-316					
Size (mm)	**Max. recommended flow rate**				
200 x 200	15 m^3/h (0.5 m/s)	30764	1	1.2	0.01
300 x 300	43 m^3/h (0.5 m/s)	30765	1	2.2	0.01
400 x 400	83 m^3/h (0.5 m/s)	30766	1	4.0	0.03
500 x 500	136 m^3/h (0.5 m/s)	30767	1	4.5	0.04

Complies with Standard EN 13451-1-3

Complies with Standards EN 16582-1 EN 16713-2

CONCRETE POOL

ABS INLETS



Complies with Standards
EN 16582-1
EN 16713-2

RETURN INLET/SUCTION NOZZLE

for high flow rates

ASTRALPOOL

Return inlet for large flow rates that can also be used as a suction nozzle. Maximum suction flow rate of 30m³/h for a maximum flow rate speed of 4 m/s. Maximum suction flow rate of 5 m³/h for a maximum flow rate speed of 0.5 m/s. PVC body. Connection for Ø 75 or Ø 90mm pipe. Inlets can be installed into bushing 43590. Grille can be adjusted in any direction.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Return inlet/suction nozzle for large flows and concrete pools	41520	16	4.20	0.021



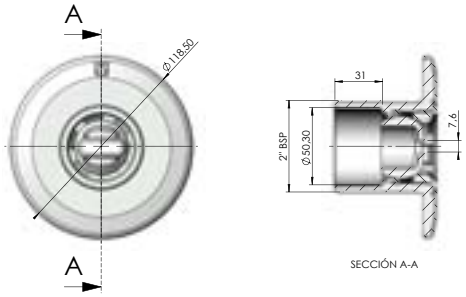
Complies with Standards
EN 16582-1
EN 16713-2

NORM RETURN INLETS

ASTRALPOOL

Range of inlets suitable for installation in public and private pools. Manufactured in white ABS with UV treatment.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
NORM return inlet for concrete pools	56498	24	4.5	0.020





00303



00303CL090



00303CL129



00303CL144

Complies with Standards
EN 16582-1
EN 16713-2

POOL FLOOR RETURN INLET

ASTRALPOOL

All-in-one return inlet and suction nozzle. Adjustable flow rate. Made of ABS plastic and screws in stainless steel. Maximum recommended flow rate compliant with standard EN 13451-1: 12 m³/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Outer 2" thread, int. Ø 50 mm				
White	00303	24	5.0	0.020
Beige	00303CL090	24	5.0	0.020
Light Grey	00303CL129	24	5.0	0.020
Anthracite Grey	00303CL144	24	5.0	0.020
To glue onto Ø 63 mm PN 6, inner Ø 50 mm	20140	20	4.4	0.021

CONCRETE POOL

ABS INLETS





3" ADJUSTABLE POOL FLOOR

return inlet

ASTRALPOOL

Made of white ABS plastic. Suction. Flow rate adjusted by turning the grille. Suction surface area: 0.015 m^2. Outer Ø 295 mm wall. Flow rate (0.4 m/s) 20 m^3/h. Max. recommended flow rate compliant with standard EN 13451-1: 26 m^3/h (0.5 m/s.).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Grille in AISI-304 stainless steel	08317	2	2.65	0.047
Grille in white ABS	11796	2	2.65	0.047



22353



22353CL090



22353CL129



22353CL144

POOL FLOOR RETURN INLET

with swivel joint

ASTRALPOOL

Swivel body in PVC. Cover in ABS. Adjuster screw in POM. Maximum flow rate of 10 m^3/h. Fits to Ø 75 mm piping and wall conduit with code number 21248.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
White	22353	24	4.1	0.022
Beige	22353CL090	24	4.1	0.022
Light Grey	22353CL129	24	4.1	0.022
Anthracite Grey	22353CL144	24	4.1	0.022

Complies with Standards
EN 16582-1
EN 16713-2



SUCTION INLET

ASTRALPOOL

To be glued to a Ø 63 mm pipe. Body and grille in ABS plastic, screws in stainless steel. Application on wall. Its characteristics make this nozzle particularly suitable for overflow channels. Maximum flow rate: 4.5 m^3/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	00302	12	3.1	0.016

CONCRETE POOL

STAINLESS STEEL INLETS



Complies with Standard EN 13451-1-3

Complies with Standards EN 16582-1 EN 16713-2

ADJUSTABLE POOL FLOOR return inlet

ASTRALPOOL

2" external thread. Made of AISI-316L stainless steel. Can be fitted in concrete and prefabricated pools. The water flow can be adjusted by loosening or tightening the central screw. Max. recommended flow rate complaint with standard EN 13451-3: 14 m^3/h.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	15839	1	0.9	0.002



Complies with Standard EN 13451-1-3

Complies with Standards EN 16582-1 EN 16713-2

ADJUSTABLE RETURN INLET

ASTRALPOOL

Manufactured in chrome-plated brass. Grille in AISI-316L stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Max. flow rate: 21 m^3/h 2" inner thread	00312	12	7.0	0.013
Max. flow rate: 40 m^3/h 3" inner thread	00313	6	10.0	0.014

LINER AND PREFABRICATED POOL

MAIN DRAINS

+ All main drains in the range are supplied with UV protection.
+ To prevent the risk of suction, install the main drains according to local regulations.
+ Recommended use: Maximum suction rate of 0.5 m/s.
+ Install at least 2 main drains, each with a suction capacity able to handle the pool's full flow rate.

NORM MAIN DRAIN

ASTRALPOOL



56380



56382CL090



56382



56382CL144



56382CL129

56382 and 56383 complies with Standard EN 13451-1-3

Complies with Standards EN 16582-1 EN 16713-2

Range of main drains suitable for installation in public and private pools. Supplied with flat or antivortex grilles. Manufactured in ABS with UV treatment, fitted with a 2" side outlet and a 1½" bottom outlet connection, bottom outlet covered by semi-die cut tab.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Flat grating with inserts				
White	56380	4	10.60	0.069
Beige	56380CL090	4	10.60	0.069
Light Grey	56380CL129	4	10.60	0.069
Anthracite Grey	56380CL144	4	10.60	0.069
Flat grating without inserts				
White	56381	4	10.60	0.069
Beige	56381CL090	4	10.60	0.069
Light Grey	56381CL129	4	10.60	0.069
Anthracite Grey	56381CL144	4	10.60	0.069
Antivortex grating with inserts				
White	56382	4	10.60	0.069
Beige	56382CL090	4	10.60	0.069
Light Grey	56382CL129	4	10.60	0.069
Anthracite Grey	56382CL144	4	10.60	0.069
Antivortex grating without inserts				
White	56383	4	10.60	0.069
Beige	56383CL090	4	10.60	0.069
Light Grey	56383CL129	4	10.60	0.069
Anthracite Grey	56383CL144	4	10.60	0.069



Complies with Standard EN 13451-1-3

Complies with Standards EN 16582-1

Optional standard American size and antivortex in standard American size

NORM MAIN DRAIN IN POLYESTER

and fibreglass - 350 mm x 350 mm

Range of main drains manufactured in polyester resin and fibreglass. Grille in stainless steel. Optional hydrostatic valve. Minimum depth of installation: 1.5 m. Maximum recommended flow rate down drain: 103 m^3/h (0.5 m/s).

Outlet connection to be glued	Flow rate	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Grille in stainless steel					
Ø 75 mm	15 m^3/h	20074N	1	8	0.08
Ø 90 mm	23 m^3/h	20075N	1	9	0.08
Ø 110 mm	27 m^3/h	20290N	1	10	0.08



Complies with Standard EN 13451-1-3

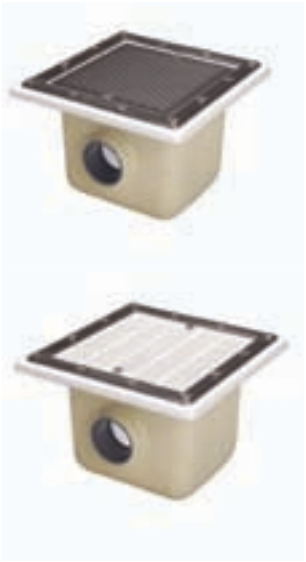
Optional standard American size and antivortex in standard American size

NORM MAIN DRAIN IN POLYESTER

and fibreglass - 507 mm x 507 mm

Range of main drains manufactured in polyester resin and fibreglass. Grille in stainless steel or plastic. Optional hydrostatic valve. Minimum depth of installation: 1.5 m. Maximum recommended flow rate down drain: 103 m^3/h (0.5 m/s).

Outlet connection to be glued	Flow rate	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Grille in stainless steel					
Ø 110 mm	42 m^3/h	20076N	1	16	0.23
Ø 125 mm	51 m^3/h	20077N	1	17	0.23
Ø 140 mm	66 m^3/h	20078N	1	18	0.23
Ø 160 mm	95 m^3/h	20079N	1	19	0.23
Ø 200 mm	103 m^3/h	20291N	1	20	0.23



Complies with Standards EN 16582-1

Optional:
Standard American sizes

MAIN DRAIN IN POLYESTER

and fibreglass - 350 mm x 350 mm

ASTRALPOOL

Made of fibreglass-reinforced polyester. With a gelcoat finish. Comes with gaskets, flange and screws. Holes < 8 mm. Outlet connection to be glued. With optional hydrostatic valve.

Grille in stainless steel

Outlet connection to be glued	Flow rate	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Ø 75 mm	16 m³/h	20074	1	6.5	0.047
Ø 90 mm	22 m³/h	20075	1	6.5	0.047
Ø 110 mm	33 m³/h	20290	1	6.5	0.047

Max. recommended flow rate: 33.5 m³/h (0.5 m/s). Recommended flow rate: 20 m³/h (0.3 m/s).

Grille in ABS plastic with protection against UV rays

Outlet connection to be glued	Flow rate	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Ø 75 mm	18 m³/h	22416	1	6.5	0.047
Ø 90 mm	27 m³/h	22417	1	6.5	0.047
Ø 110 mm	42 m³/h	22418	1	6.5	0.047
Ø 125 mm	45 m³/h	22419	1	6.5	0.047

Max. recommended flow rate: 45 m³/h (0.5 m/s). Recommended flow rate: 27 m³/h (0.3 m/s)



MAIN DRAIN IN POLYESTER

and fibreglass - 507 mm x 507 mm

ASTRALPOOL

With a gelcoat finish. Grille in AISI-316L stainless steel. Comes with gaskets, flanges and screws. Holes < 8 mm. Outlet connection to be glued. Recommended flow rate: 62 m³/h (0.3 m/s). Max. recommended flow rate: 103 m³/h (0.5 m/s.). With optional hydrostatic valve.

Grille in stainless steel

Outlet connection to be glued	Flow rate	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Ø 110 mm	42 m³/h	20076	1	1.4	0.132
Ø 125 mm	51 m³/h	20077	1	1.4	0.132
Ø 140 mm	66 m³/h	20078	1	1.4	0.132
Ø 160 mm	95 m³/h	20079	1	1.4	0.132
Ø 200 mm	103 m³/h	20291	1	1.4	0.132

Grille in ABS plastic with protection against UV rays

Outlet connection to be glued	Flow rate	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Ø 110 mm	42 m³/h	28722	1	1.4	0.132
Ø 125 mm	51 m³/h	28723	1	1.4	0.132
Ø 140 mm	66 m³/h	28724	1	1.4	0.132
Ø 160 mm	95 m³/h	28725	1	1.4	0.132
Ø 200 mm	103 m³/h	28726	1	1.4	0.132

LINER AND PREFABRICATED POOL

MAIN DRAIN ACCESSORIES



HYDROSTATIC VALVE

ASTRALPOOL

To alleviate the pressure that can build up under the pool shell due to groundwater, it is recommended that a hydrostatic valve and a drainage pipe be fitted to the main drain. Hydrostatic valve to be fitted to the 2" bottom outlet on main drains. Made of white ABS, with stainless steel screw and spring. 1½" male thread.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	00277	50	2.63	0.01



DRAINAGE PIPE

ASTRALPOOL

Drainage pipe with 1½" BSP thread connection for main drains with code numbers 00270, 07880, 27838, 26197 and 27125. Made of ABS.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	21581	24	3.54	0.021

Complies with Standards EN 16582-1

LINER AND PREFABRICATED POOL

MAIN DRAIN GRILLES







FLUSH-FIT ANTIVORTEX COVER

ASTRALPOOL

Special flush-fit design that enables pool cleaners to go over it without blocking it up.

The 415 mm x 415 mm cover (25344) can be fitted to the following main drains:

With stainless steel grille:	**With plastic grille:**
-20074	-22416
-20075	-22417
-20290	-22418
	-22419

The 570 mm x 570 mm cover (28556) can be fitted to the following main drains:

With stainless steel grille:	**With plastic grille:**
-20076	-28722
-20077	-28723
-20078	-28724
-20079	-28725

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
415 mm x 415 mm, Height: 70 mm	25344	1	2.25	0.012
570 mm x 570 mm, Height: 60 mm	28556	1	3.90	0.015

Complies with Standard EN 13451-1:2000


56499


56499CL090


56499CL129


56499CL144

NORM RETURN INLETS

ASTRALPOOL

Range of inlets suitable for installation in public and private pools. Manufactured in ABS with UV treatment.

POLYESTER PANELS +LINER

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For prefabricated/liner pools				
White	56499	12	4.5	0.020
Beige	56499CL090	12	4.5	0.020
Light Grey	56499CL129	12	4.5	0.020
Anthracite Grey	56499CL144	12	4.5	0.020
For prefabricated pools				
White	56500	24	4.5	0.020
Beige	56500CL090	24	4.5	0.020
Light Grey	56500CL129	24	4.5	0.020
Anthracite Grey	56500CL144	24	4.5	0.020


00340


00340CL090


00340CL129


00340CL144

POOL FLOOR RETURN INLET

for prefabricated pools

ASTRALPOOL

Return nozzle. Comes with gaskets, flanges and screws. Adjustable flow rate. Max. flow rate: 12 m³/h.

POLYESTER CONCRETE +LINER

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
2" outer thread and internal Ø 50 mm				
White	00340	12	5.4	0.020
Beige	00340CL090	12	5.4	0.020
Light Grey	00340CL129	12	5.4	0.020
Anthracite Grey	00340CL144	12	5.4	0.020
To be glued Ø 63 mm PN 6 outer wall, Ø 50 mm inner				
White	20139	12	5.4	0.021



UNE-EN 16582-1 EN 16713-2

Complies with Standards
EN 16582-1
EN 16713-2

BCN03 POOL FLOOR RETURN INLET

ASTRALPOOL

Adjustable pool floor return inlet for liner pools. Designed to be glued to the inside of PN6 and PN10 piping. Made of white ABS, with self-tapping screws or with metal inserts. Plastic or stainless steel flange, depending on the model. Maximum flow rate: 9.5 m³/h.

CONCRETE +LINER

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
PN6 self-tapping plastic flange	28230	12	3.25	0.031
With PN6 plastic flange inserts	28231	12	3.55	0.031
PN10 self-tapping stainless steel flange	28501	12	4.24	0.031
With PN10 stainless steel inserts	28502	12	4.54	0.031



Complies with Standards
EN 16582-1
EN 16713-2

BCN03 ADJUSTABLE POOL FLOOR

return inlet

ASTRALPOOL

Pool floor return inlet for liner pools. Thanks to the adjustable feature, its installation in the pool floor is made extremely easy as it can be fitted after the concrete has been laid with wall conduit 43590.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
With plastic flange inserts	43586	12	2.04	0.033
Plastic self-tapping flange	43587	12	2.04	0.033
With stainless steel flange inserts	43588	12	2.04	0.033
Self-tapping stainless steel flange	43589	12	2.04	0.033



3" ADJUSTABLE POOL FLOOR return inlet

ASTRALPOOL

Made of white ABS. Suction. Comes with gaskets, flanges and screws. Flow rate adjusted by turning the grille. Suction surface area: 0.015 m^2. Flow rate at 0.4 m/s: 20 m^3/h. Max. recommended flow rate: 26 m^3/h. (0.5 m/s.).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Grille in AISI-304 stainless steel	08316	2	2.65	0.047
Grille in white ABS	11795	2	2.65	0.047



DOUBLE GASKET KIT

ASTRALPOOL

Kit made up of a double gasket and the screws necessary for the installation of nozzles in panel pools. Made of TPE, the kit enables the installation of various accessories in pool shells and protects the panelling from coming into contact with water. Easy to install. Prevents corrosion of the panelling in the area that has been die cut.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Inserts for nozzles	43455-0500	80	-	0.035



Complies with Standard
EN 13451-1-3

RETURN INLET/SUCTION NOZZLE

for high flow rates

ASTRALPOOL

Return inlet for large flow rates that can also be used as a suction nozzle. Maximum suction flow rate of 30m^3/h for a maximum flow rate speed of 4 m/s. Maximum suction flow rate of 5 m^3/h for a maximum flow rate speed of 0.5 m/s. PVC body. Connection for Ø 75 or Ø 90 mm pipe. Inlets can be installed into bushing 43590. Grille can be adjusted in any direction.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Panel pools	41518	10	5.50	0.021
Prefabricated pools	41521	12	4.20	0.021

LINER AND PREFABRICATED POOL

ABS INLETS



SUCTION NOZZLE FOR OVERFLOW

pools with liner

PVC body. Maximum flow rate of 7 m^3/h for a maximum flow rate velocity of 0.5 m/s. Connection for Ø 75 or Ø 90 piping. Nozzle with double gasket. Thanks to the design of the flange, the nozzle is able to take in all of the water in the overflow channel.

Code	Standard Pack	Standard weight in kg	Standard volume in m^3
41519	12	4.83	0.021

LINER AND PREFABRICATED POOL

STAINLESS STEEL INLETS



ADJUSTABLE POOL FLOOR

return inlet

2" external thread. Made of AISI-316L stainless steel. Can be fitted in concrete and prefabricated pools. The water flow can be adjusted by loosening or tightening the central screw. Max. recommended flow rate complaint with standard EN 13451-3: 14 m^3/h.

Code	Standard Pack	Standard weight in kg	Standard volume in m^3
15839	1	0.9	0.002

Complies with Standard EN 13451-1-3

Complies with Standards EN 16582-1 EN 16713-2





BUILDING SOLUTIONS

100 LINER AND PREFABRICATED POOLS
100 Modular prefabricated pools
103 Inoxpool

106 SKYPOOL COMMERCIAL POOLS
106 SkyPool

117 BLUESPRING
117 Bluespring

119 CLASSIC CUSTOM AND PROFESSIONAL
119 Classic custom and Professional

ASTRALPOOL®

PISCINE LAGHETTO®

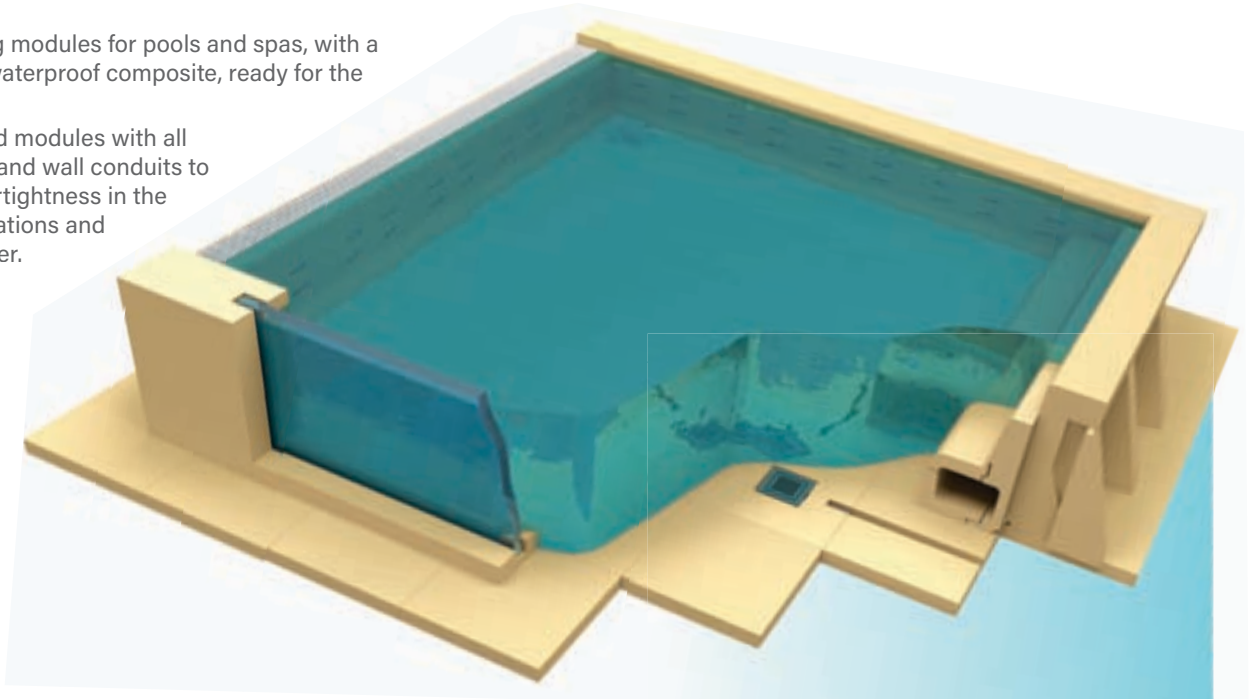
MODULAR PREFABRICATED POOLS

ASTRALPOOL



Freestanding modules for pools and spas, with a reinforced, waterproof composite, ready for the final coating.

Prefabricated modules with all accessories and wall conduits to ensure watertightness in the event of vibrations and water hammer.



The thermal expansion coefficient of our prefabricated modules is far superior to that of concrete, as a result of which they do not crack over time because structural movement due to expansion and contraction are absorbed.

Ideal for refurbishments, roof tops, basements, etc. Their modular design makes them extremely easy to transport and work freely on the building site.

Exclusive designs without any restrictions, thanks to our computer-controlled systems that enable our clients to come up with their own designs without the need for casts, thus avoiding manual errors.

The prefabricated component parts make it possible to build and refurbish pools to the designers exact specifications, as well as enabling a pool to have exactly the same finish as a traditional one.

- Installation on complex sites
- Modular and freestanding
- Energy savings
- Resistant to water load
  Lightweight framework
- Prefabricated system

MODULAR PREFABRICATED POOLS

ASTRALPOOL



The top finish can be directly applied to the insulation material, which protects it from potential condensation between gaps that give rise to the proliferation of micro-organisms organisms that are a health hazard for humans.

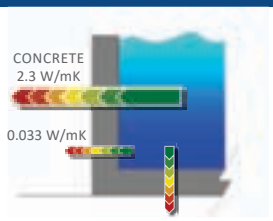
Hardly any power loss (λ= 0.033 W/mK) in comparison with concrete (λ= 2.30 W/mK), which means it pays for itself in a very short space of time.



To ask for a quote, contact your area sales rep.

COMPARATIVE POWER CONSUMPTION TABLE

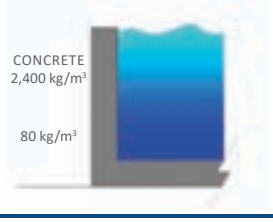
86% savings



Energy conductivity figures as shown in the Spanish Technical Building Code (CTE).

LIGHTWEIGHT FRAMEWORK

2320kg lighter per m³



COMPARATIVE WATER VOLUME TABLE

920kg lighter per m³



Volume of compact bench 0.27 m³

MODULAR PREFABRICATED POOLS - One-off projects

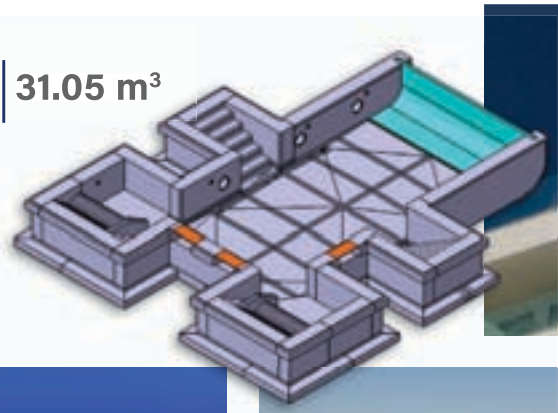
ASTRALPOOL

IBEROSTAR BAHIA PALMA POOL

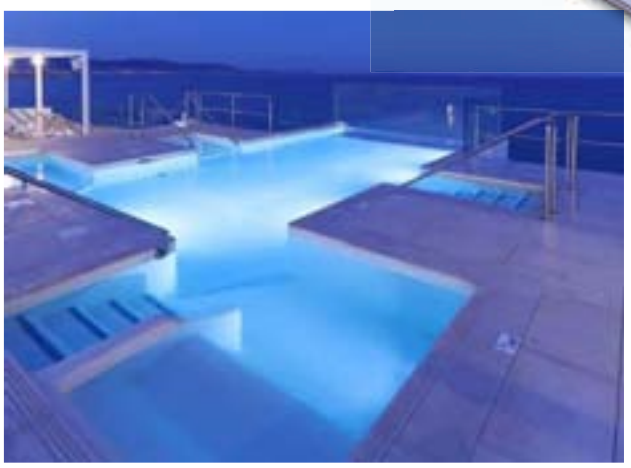
74,520 kg concrete

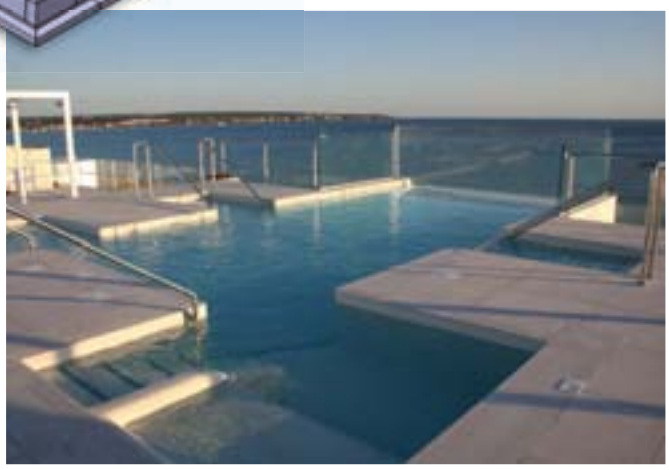
2,484 kg prefabricated modules

31.05 m³







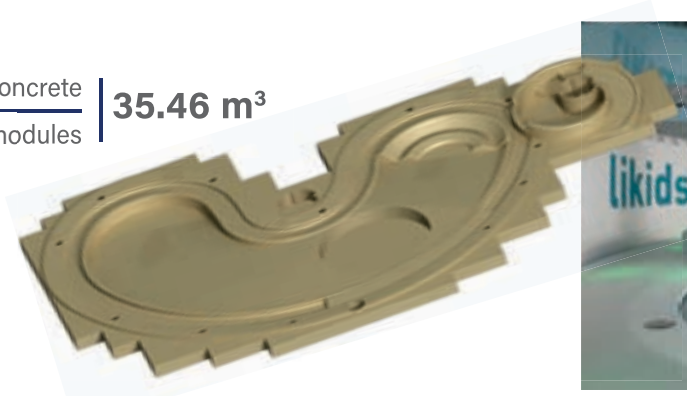


CALDEA KIDS POOL

85,104 kg concrete

2,837 kg prefabricated modules

35.46 m³







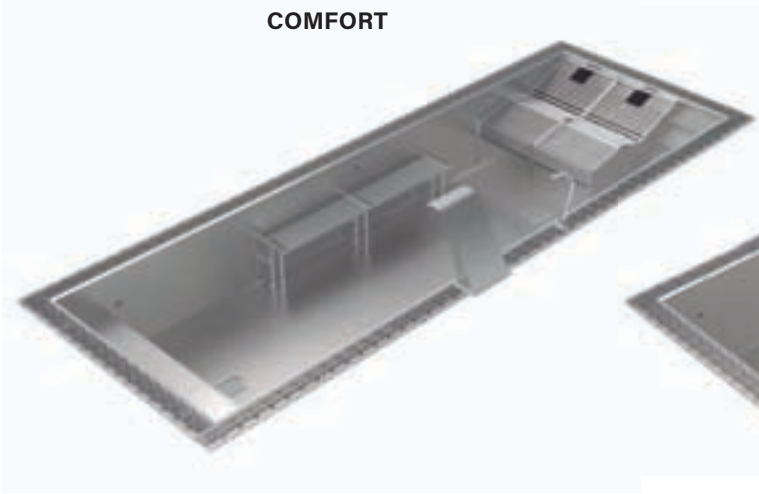


INOXPOOL

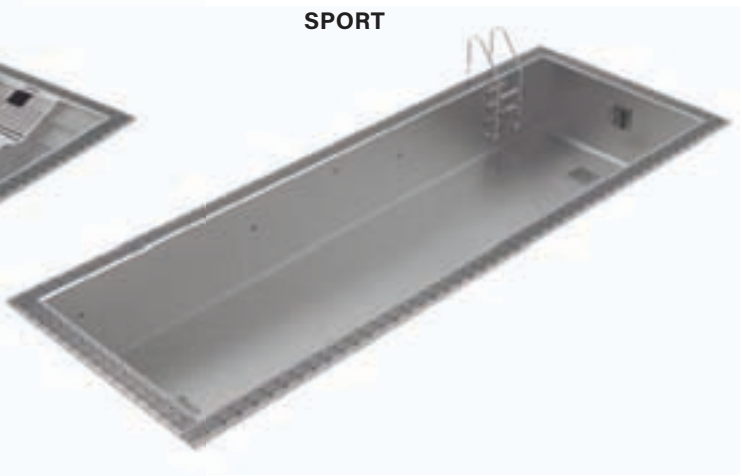
ASTRALPOOL

+ Constructed in one piece of AISI-316L satin stainless steel. Thickness of 2 mm. With overflow channel. Non-slip floor. Hydraulic pre-installation included. Ready to connect. Easy installation, without building work.
+ Total security and quality. In order to satisfy all your needs we have designed these models of stainless steel pools for those looking for an elegant and sober lifestyle. The quality of their materials and finishes set them apart. They are a gift for the senses!
+ 2 Differents models:

COMFORT



SPORT







LINER AND PREFABRICATED POOLS

INOXPOOL - Models

ASTRALPOOL

MODEL COMPARISON









	5 x 3 x 1.2 m	7 x 3 x 1.2 m		9 x 3 x 1.2 m		12 x 3 x 1.2 m	
MODELS	Sport	Comfort	Sport	Comfort	Sport	Comfort	Sport
Code	71503	71509	71510	71516	71517	71523	71524
General specifications							
Internal dimensions (m)	5 x 2.85 x 1.2	7 x 2.85 x 1.2		8.84 x 2.85 x 1.2		11.84 x 2.85 x 1.2	
External dimensions (m)	5.7 x 3.6 x 1.3	7.7 x 3.6 x 1.3		9.6 x 3.6 x 1.3		12.6 x 3.6 x 1.3	
Water capacity (m^3)	18	24		31		41	
Empty weight / Full weight (kg)	2300 / 20300	3300 / 27300	2550 / 26550	3700 / 34700	3050 / 34050	4500 / 45500	3850 / 44850
Characteristics							
Skimmers	-	-	-	-	-	-	-
Overflow suction	2	2	2	3	3	4	4
Return inlet	3	4	3	5	4	6	5
Bottom cleaner nozzle	1	1	1	1	1	2	2
Main drains	2	2	2	2	2	2	2
Projectors	2	2	2	2	2	3	3
Accessories							
Ladder (3 steps)	·	-	·	-	·	-	·
Steps	-	·	-	·	-	·	-
Hydromassage bench	-	·	-	·	-	·	-
Hydromassage cascade	-	·	-	·	-	·	-
Hydromassage water jet	-	·	-	·	-	·	-
Hydromassage beds	-	·	-	·	-	·	-
Countercurrent	·	-	·	-	·		·
Cover	-	·		·		·	-
Recommended equipment							
Hydraulic button and timer	-	45218 + 35761	-	45218 + 35761	-	45218 + 35761	-
Blower pump for hydro beds	-	31091	-	31091	-	31091	-
Blower pump for hydro bank	-	35388	-	35388	-	35388	-

INOXPOOL - Installation

ASTRALPOOL

PREPARATION OF THE GROUND



The base the spa or pool must be prepared.

TRANSFER TO LOCATION



Manufactured in one piece, your transfer must be made by an authorized mode of transport.



The transfer must be made in a reinforced trailer or truck so that it arrives at its destination in perfect condition.

TRANSFER BY CRANE



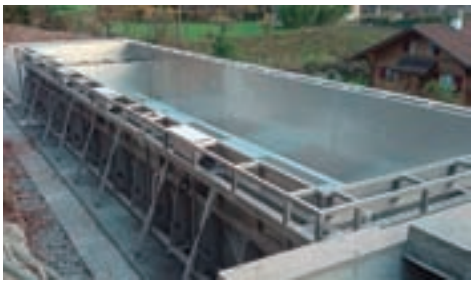
Facilities must have easy access (outside) to be able to install the crane that will help to unload the Spa or Pool and put it in place.

UNLOADING THE POOL



The installation must be checked and secured so that everything is in perfect order.

LEVELING AND ADJUSTMENTS



Assembling the connections and putting it into operation is the last step before you can enjoy a relaxing and dreamed of space of well-being.

Ask for your new **Spa & Pool INOX SOLUTION** catalogue by AstralPool



SKYPOOL

PANEL POOLS, THE VERY LATEST TECHNOLOGY THAT ENSURES PRECISION AND ACCURACY

The easiest, quickest and surest way of building any required residential and commercial pool. SkyPool is AstralPool's range of prefabricated panel pools that can be adapted to fit existing infrastructures or new ones.



The use of these totally prefabricated panels that are easy to fasten and assemble together means that an in-ground or above-ground pool can be built in record time.

The steel panels undergo hot-dip galvanization in a bath of zinc, which gives them excellent protection against rusting so that they last longer and their safety is guaranteed throughout their service life.

SKYPOOL - Experts in end-to-end solutions

Thanks to SkyPool, AstralPool is the undisputed world leader in prefabricated pools made of galvanized steel panels. Our flexibility and drive, in addition to the way we adapt to the needs and regulations of each market have led us to build pools in more than 60 countries, which has made us one of the companies with the greatest international outreach in the sector.

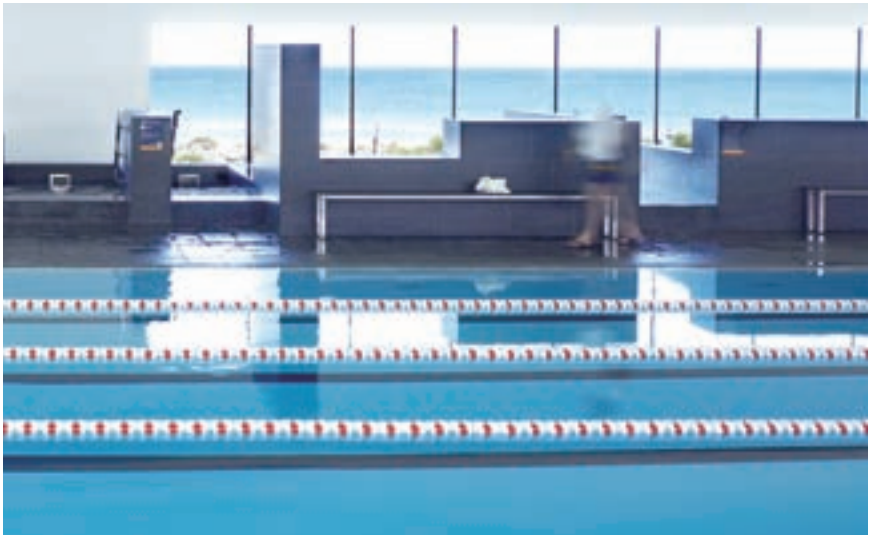
Award-winning competition pools.

As leaders in this sector, we have longstanding experience in the development of solutions for the world of competition. We make pools of any size including the required by FINA standards and regulations.

End-to-end solutions.

AstralPool has a multidisciplinary team able to give you support in the development of your project from beginning to end, as well as the degree of experience and know-how expected of a world leader:

· Project analysis.
· Preliminary design study and quote.
· Advice and water treatment.
· Manufacture.
· Worksite management.
· Installation of complete solutions.



SKYPOOL COMMERCIAL POOLS

SKYPOOL - The best choice for many reasons

ASTRALPOOL

Quick

The use of completed prefabricated components together with the easy assembly system considerably reduces the time required to build a pool.

Versatile

This system can be used for any design, whatever a pool's shape.

Long-lasting

New design and manufacturing systems are used to obtain maximum quality, functionality and durability of all pool components. The metal structure has a 20-year warranty.

Lightweight

Choose a place and we'll build a pool there! The advantage of the lightweight structure that is easily adaptable is that pools can be built even in awkward conditions. Small spaces, rooftops, stadiums, etc.

Inexpensive

As no complex infrastructure has to be built, a high performance pool can be obtained at a lower cost.

Reliable

The use of the very best components, together with a totally safe construction system, delivers the reliability required in this type of facility.

Sustainable

All components can be recycled, are non-contaminating and are manufactured using processes with a low environmental impact.

SKYPOOL - Advantages

ASTRALPOOL

1. Technology.

Thanks to the technology used in the construction of SkyPool panels, they are fully compliant with FINA regulations. There is an extremely easy and efficient system for adjusting the level and angles of a pool. The access through the system's manholes enables all adjustment to be made.

2. Watertight. No leaks.

There are no cracks. The perfect fit of the assembled SkyPool panels covered by the liner ensure the pool shell is completely watertight. Furthermore, the system has been designed to withstand land movements and subsidence, in addition to the pressure exerted when a pool is emptied or filled.

3. High resistance finishes.

The PVC-P reinforced liner used by SkyPool is watertight, which gives these pools a high level of safety, protection, robustness and durability. Furthermore, it is resistant to chlorinated water and aging caused by external agents. The liner ensures elasticity and is available with a wide range of optional features (colours, etc.).

4. Quicker installation time.

It can take as much as two months off the time to manufacture and install an Olympic SkyPool (50 x 25 x 2 m) in comparison with a concrete pool. This considerably reduces indirect and opportunity costs.

5. Low maintenance.

As there is access to the pool perimeter, any problems are more quickly located, so repair and maintenance work is easier and costs less.

6. Earthquakes resistant.

Build earthquake-resistant pools. The team of Skypool engineers calculates and adapts the system according to the seismic regulations of each country. Under request.

SKYPOOL - The best performance



Technology

Thanks to the technology used in the construction of SkyPool panel pools, their precision and accuracy comply with FINA regulations.

We have leveling and dimensional tolerance adjustment systems, in addition to materials resistant to subsidence and expansion.

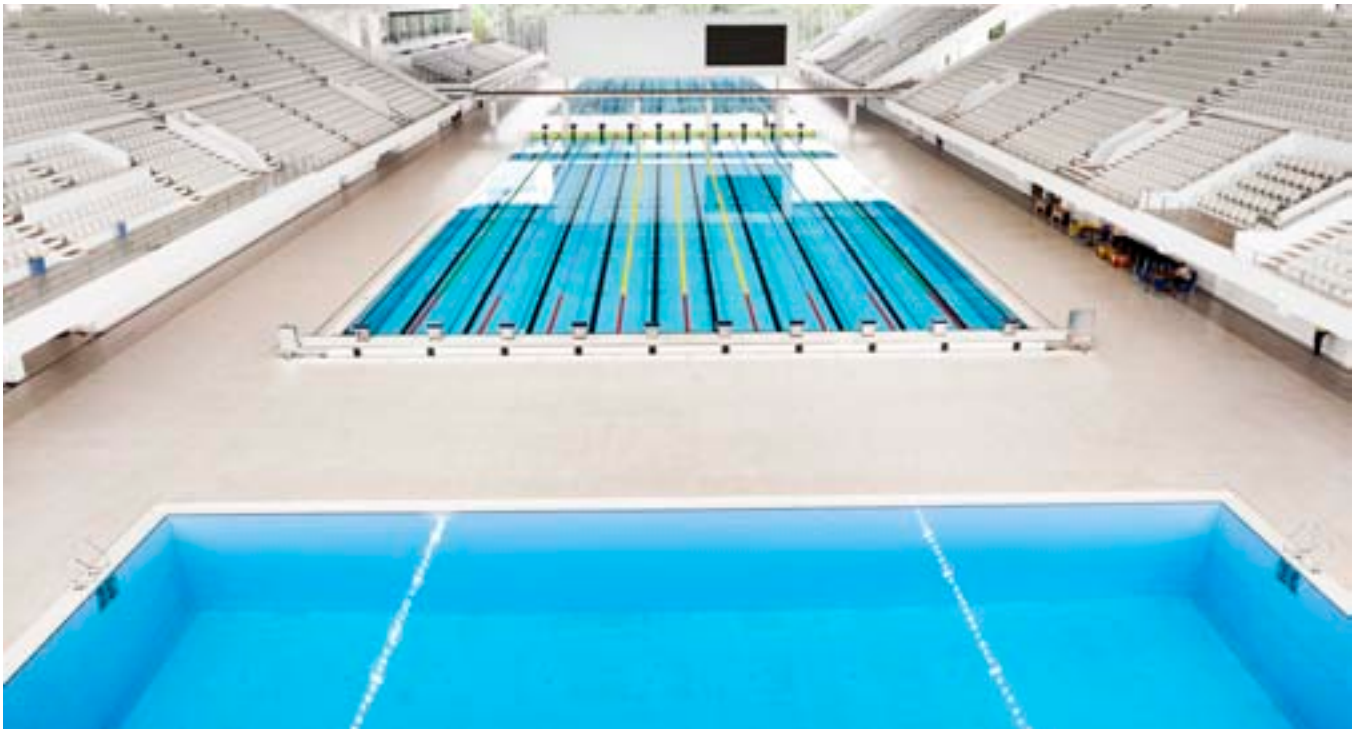
A SkyPool is the result of experience and the use of cutting-edge technologies for the design, manufacture and installation of our pools.

Readily accessible pools that are easy to run

A typical pool installation can be checked from a technical gallery that provides access to the back of the panels for inspection, maintenance and repair work. This means that pools do not have to be emptied for such work, so they are easy and profitable to be run as a business concern.

Engineering calculations

The structural calculations for SkyPool panels are made to ensure the resistance of our installations and compliance with European and local standards. We make specific seismic calculations in order to comply with the most rigorous standards and to ensure resistance to potential earthquakes.



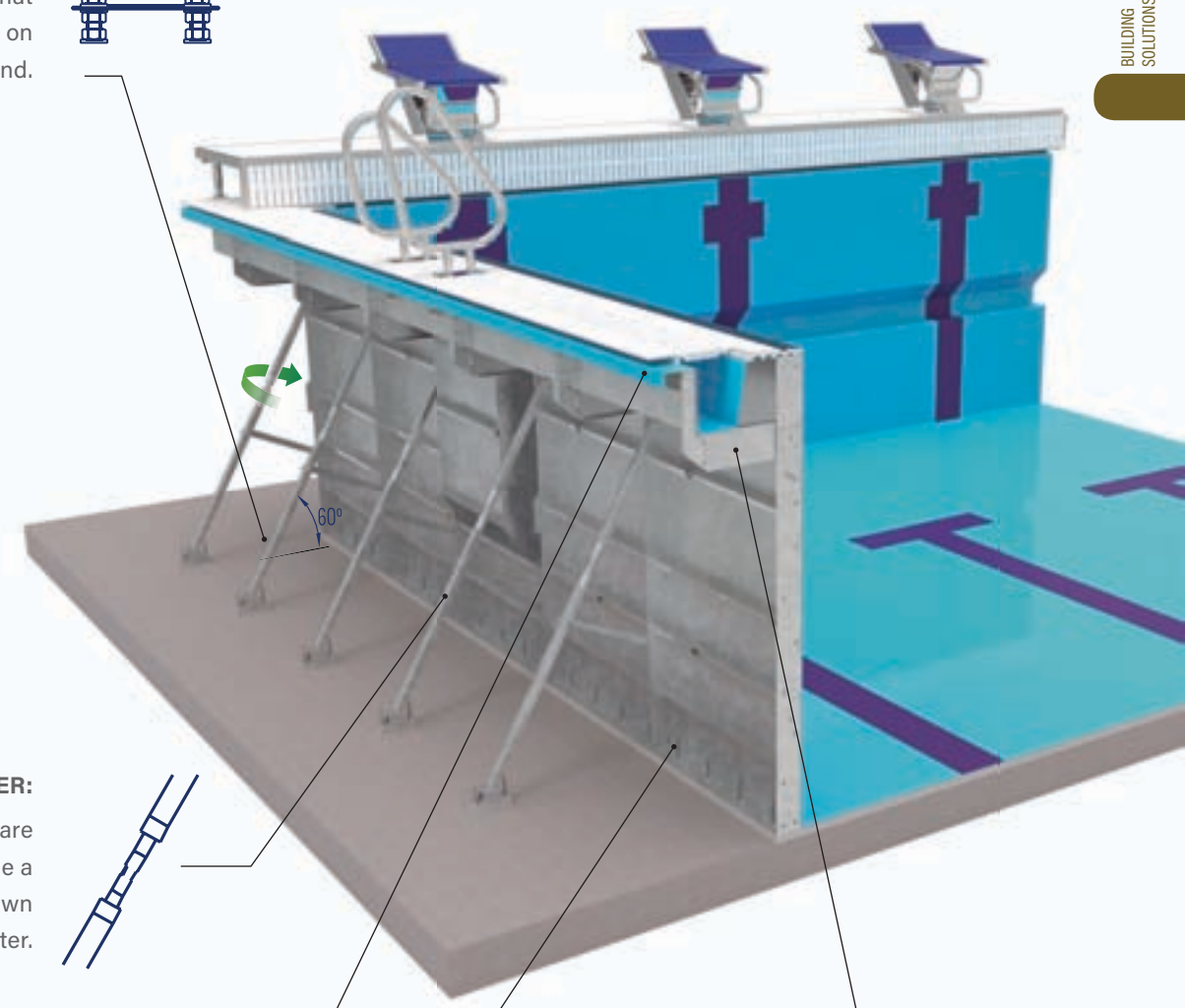
SKYPOOL - The best performance

ASTRALPOOL

STANDS:

System of stands that provide better stability on the ground.





TENSIONER:

The tensioners are adjustable and enable a pool to be assembled down to the last millimeter.

OVERFLOW CHANNEL:

Totally modular. Can be made to be used with different grill and tile sizes.



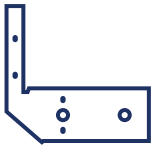
LEVELING:

With a chemical anchoring fixture (30 mm)



REINFORCED BRACKETS:

The brackets deliver greater resistance and stability in the overflow channel and panel area.

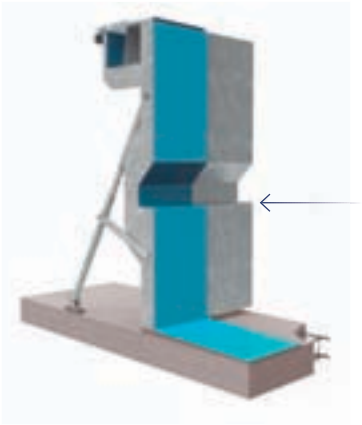


SKYPOOL - Specific panel types



STEP PANELS

Panels with built-in ladders that comply with FINA standards. Supplied with split ladder, fastenings and asymmetric handrails to make it easy for swimmers to get in and out of a pool.



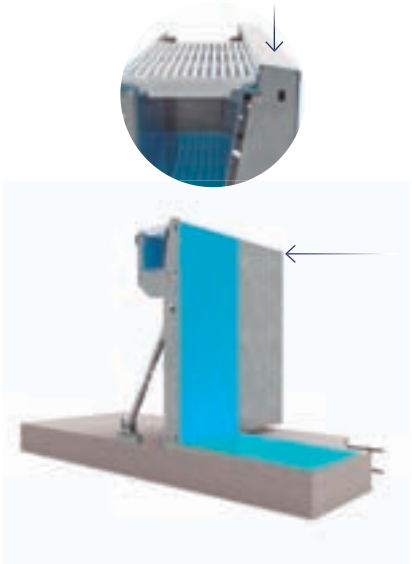
SWIMMER FOOTHOLD PANEL

Built-in foothold at a depth of 1.2 m for swimmers to rest.



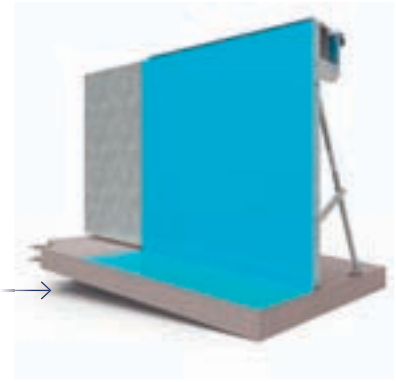
GLASS SIGHT PANEL

Glass windows so that trainers and physiotherapists at high performance and rehabilitation centers are able to observe swimmers underwater.



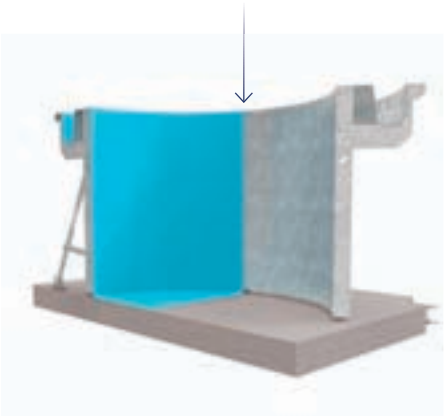
WITHOUT CERAMICS PANEL

Specially designed panel which does not need the front edge ceramic tile.



INCLINED PANEL

Inclined panels can be supplied to the specifications of an architectural project.



CURVED PANEL

Round and semicircular panels.

Ideal for wellness centers and leisure areas.

SKYPOOL - Panel models



BARCELONA PANEL

Freestanding galvanized steel panel suitable for pools of up to 2.2 m. Fastenings are only required at the bottom.

The Barcelona panel was designed for the first time for the 2003 World Swimming Championships in Barcelona. The pool was installed inside the Sant Jordi palace, on the basketball court without damaging the ground.

Its self-supporting system allows it to be anchored to a concrete slab without the need to fasten a pool's outer decking to the slab. This design makes possible the differential absorption of the subsidence of the slab at the base of a pool. The panels can be supplied in hot-dip galvanized steel and stainless steel.



CAR PANEL

Freestanding galvanized steel panel suitable for pools of up to 5 m. Fastenings are required at the top and on the bottom.

The range of prefabricated panels CAR (High Performance Center) for the training of elite athletes, are specifically designed for large pool heights with the aim of meeting all standards for Olympic, semi-Olympic, Paralympic, world swimming championships and water sports, such as water polo, jumping and synchronized swimming.

They are designed with a strong metal lattice framework anchored both to the concrete slab and to the formwork of a pool's decking.



MELBOURNE PANEL

Freestanding galvanized steel panel suitable for pools of up to 3.5 m with structure to install the surround of the pool.

The prefabricated Melbourne panels were designed for the 2007 Swimming World Championship in Melbourne. The main characteristic of these panels is their heights that vary between 2.5 to 3.5m. The self-supporting framework is anchored to the base slab and has a structure for building the outer decking. Ideal for building Olympic and synchronized swimming pools.

Temporary events. This type of panel is suitable for use in temporary events. The design of these pools makes it perfectly feasible to add bleachers in a stadium and they have an outer decking.



RENOVATION PANEL

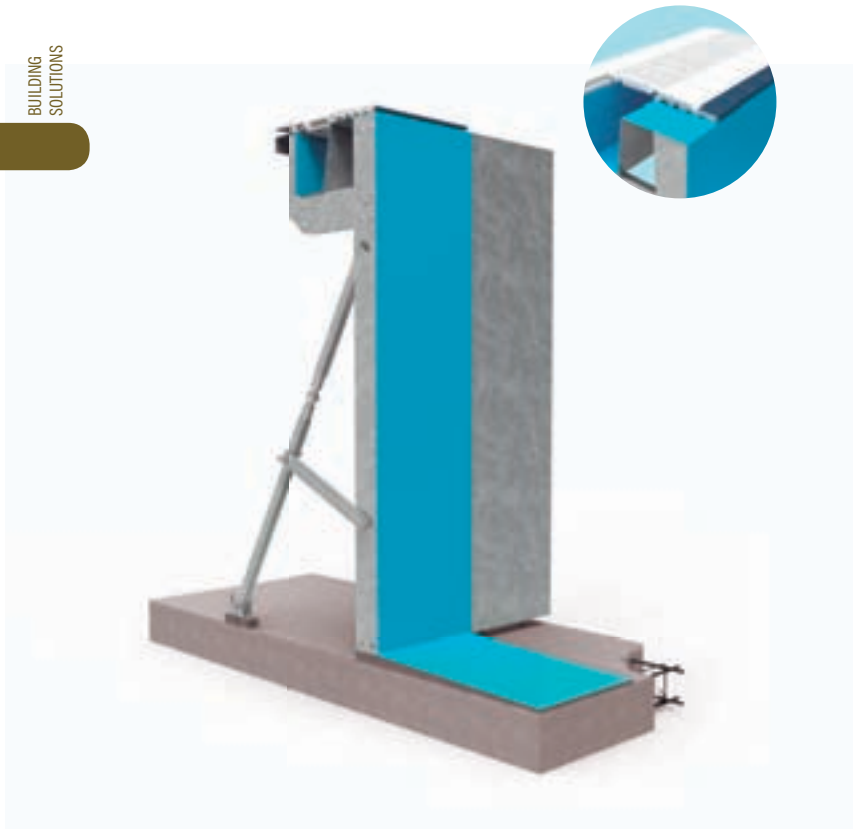
Renovation panels are the ideal solution for any old pools that have to be renovated to adapt to current standards and to give them a new lease of life.

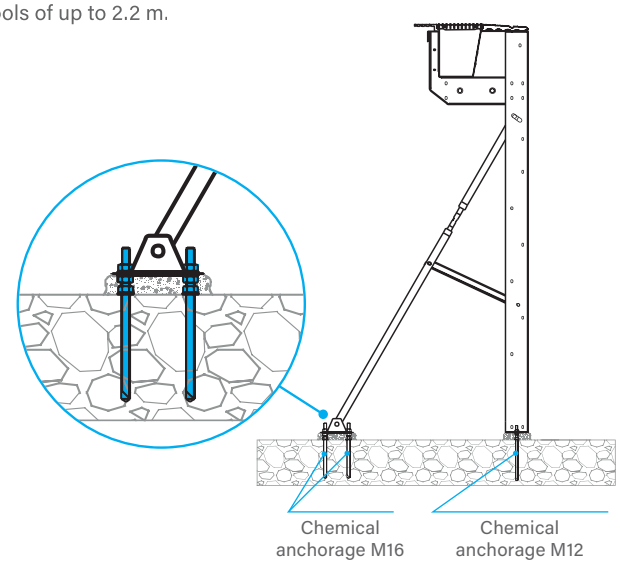
Quick and easy to fit without the need to demolish the whole of a pool. Using galvanized steel renovation panels, only the pool's coping has to be demolished and a new overflow channel installed. Ceramic and non-ceramic finishes are available, and they have built-in drainage outlets. The most inexpensive solution to give your pool a new lease of life.

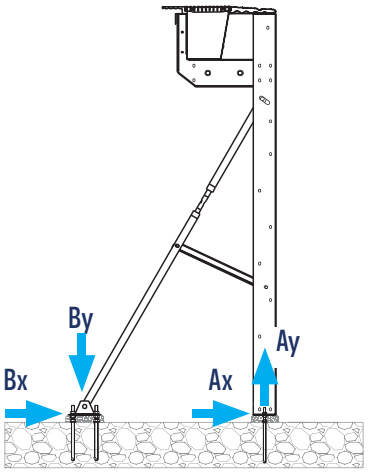
BARCELONA - Panel model

ASTRALPOOL

SkyPool galvanized steel self-supporting panels suitable for pools of up to 2.2 m.







STRAIN ON THE SLAB

GENERAL SPECIFICATIONS

Panel		Height (m)	0.8	1.0	1.2	1.4	1.5	1.6	1.8	2.0	2.2
		Width (m)	1.0 m standard size (special sizes available on request)								
Panel weight		(Kg)	56	62	70	76	80	87	96	104	113
Tensioner			M16				M20			M24	
Panel anchors		Chemical type	M12								
Reinforcement anchors		Chemical type	M12							M16	
Panel fastening screws		(8.8)	M10								
*LOADS											
On panel	A	Ax (kN)	-1.79	-2.56	-3.01	-4.59	-5.52	-6.44	-8.47	-10.73	-12.99
		Ay (kN)	-4.54	-5.72	-8.58	-10.18	-11.14	-12.1	-14.23	-16.6	-18.97
On tensioner	B	Bx (kN)	-3.54	-4.67	-5.02	-5.98	-6.55	-7.11	-8.42	-9.88	-11.34
		By (kN)	4.07	5.25	8.7	10.34	11.32	12.29	14.46	16.86	19.26

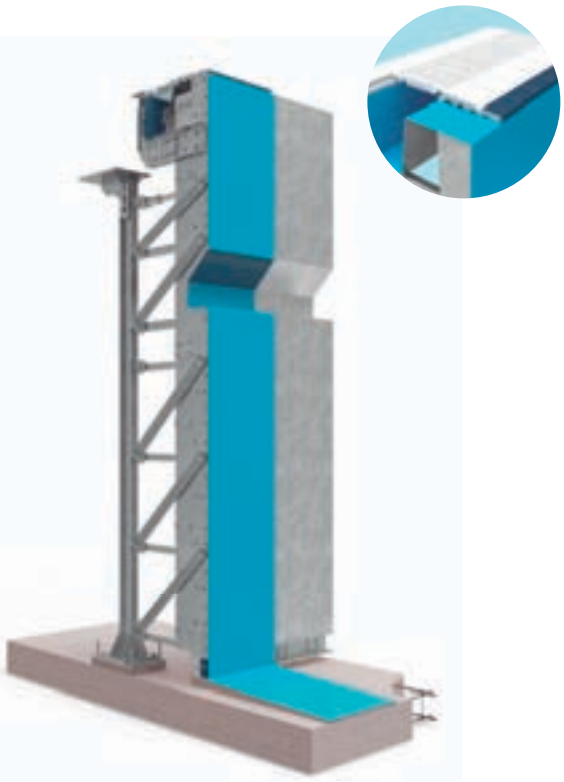
FINISHES AND MATERIALS	
Panel materials	S235JR steel according to standard UNE EN 10025
Panel finish	Hot-dip galvanized steel according to standard UNE-EN-ISO 1461: 2009
Waterproofing	Reinforced ALKORPLAN-2000 liner
Ceramic finish	ERGO 216 non-slip + 035 non-slip

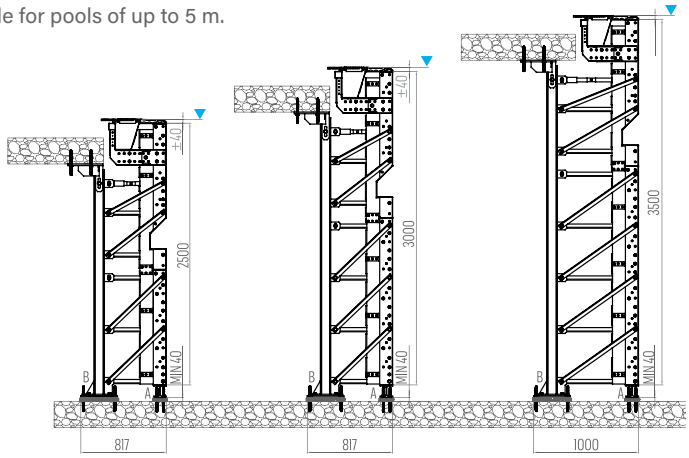
* Considered water level hydrostatic load and variable loads according to standard UNE-EN-ISO 13451-1 on pool equipment

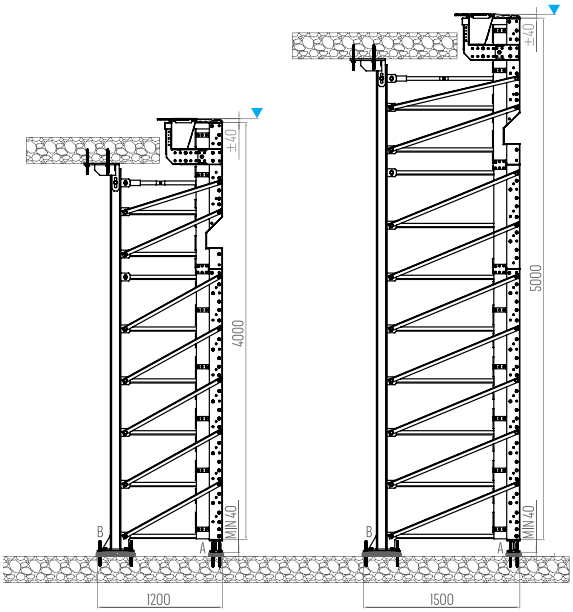
SKYPOOL COMMERCIAL POOLS

CAR - Panel model

Self-supporting galvanized SkyPool steel panel suitable for pools of up to 5 m.
Fastenings are required at the top and on the bottom.







GENERAL SPECIFICATIONS

Panel		Height (m)	2.5	3.0	3.5	4.0	5.0
		Width (m)	1.0 m standard size (special sizes available on request)				
Panel weight		(Kg)	245	290	340	395	500
Panel anchors		Chemical type	M12		M16		
Reinforcement anchors		Chemical type	M16		M20		
Panel fastening screws		(8.8)	M12				
*LOADS							
On panel	A	Ax (kN)	Ask for details				
		Ay (kN)					
On tensioner	B	Bx (kN)					
		By (kN)					
FINISHES AND MATERIALS							
Panel materials			S235JR steel according to standard UNE EN 10025				
Panel finish			Hot-dip galvanized steel according to standard UNE-EN-ISO 1461: 2009				
Waterproofing			Reinforced ALKORPLAN-2000 liner				
Ceramic finish			ERGO 216 non-slip + 035 non-slip				

* Considered water level hydrostatic load and variable loads according to standard UNE-EN-ISO 13451-1 on pool equipment

SKYPOOL COMMERCIAL POOLS

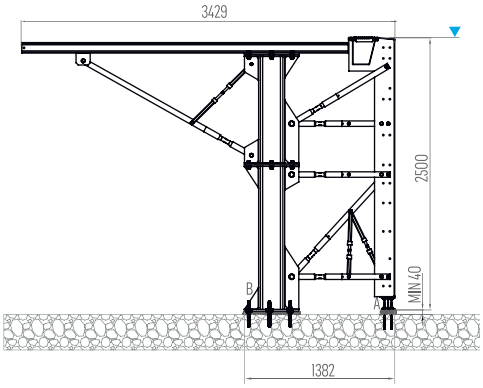
MELBOURNE - Panel model

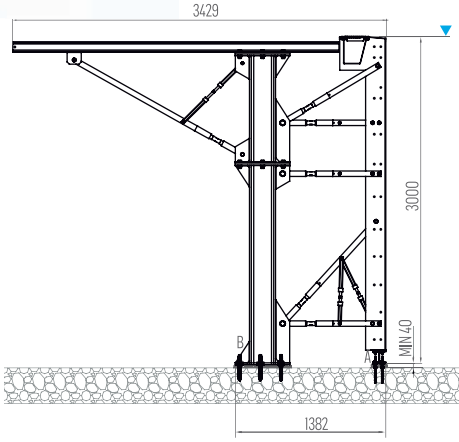
ASTRALPOOL

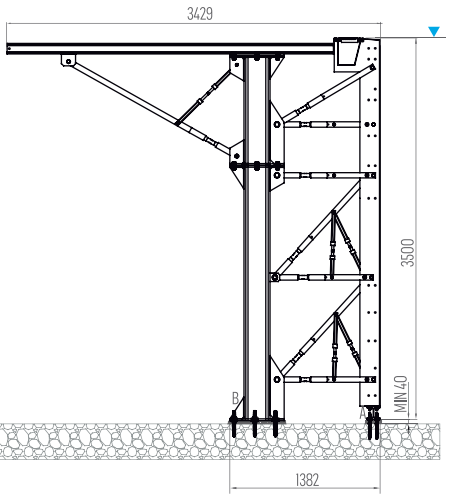
Galvanized SkyPool steel panel suitable for pools of up to 3.5 m with structure to install the pool decking.











GENERAL SPECIFICATIONS

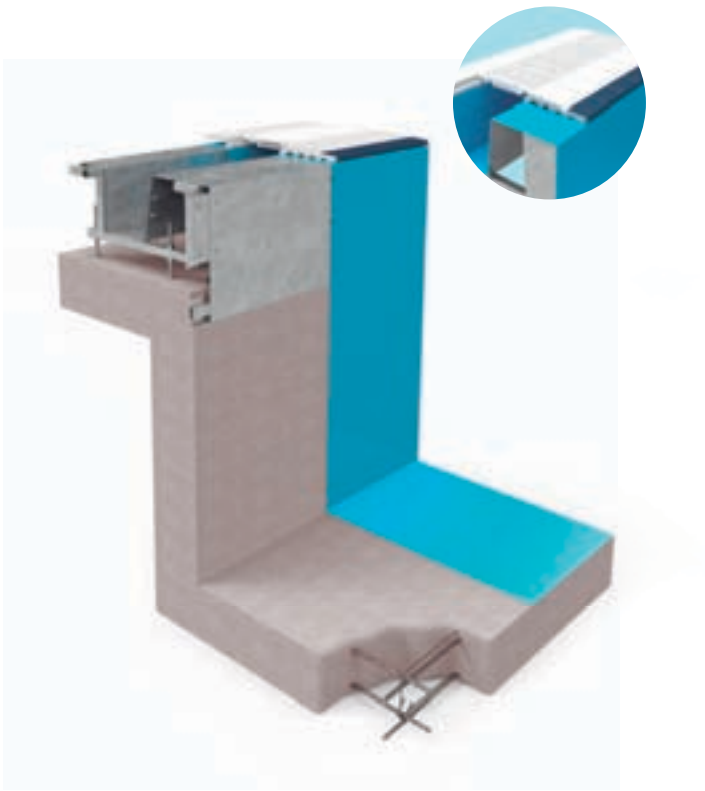
Panel		Height (m)	2.5	3.0	3.5
		Width (m)	1.0 m standard size (special sizes available on request)		
Panel weight		(Kg)	1255	1370	1545
Panel anchors		Chemical type	M12		M16
Reinforcement anchors		Chemical type	M16		M20
Panel fastening screws		(8.8)	M12		
*LOADS					
On panel	A	Ax (kN)	Ask for details		
		Ay (kN)			
On tensioner	B	Bx (kN)			
		By (kN)			

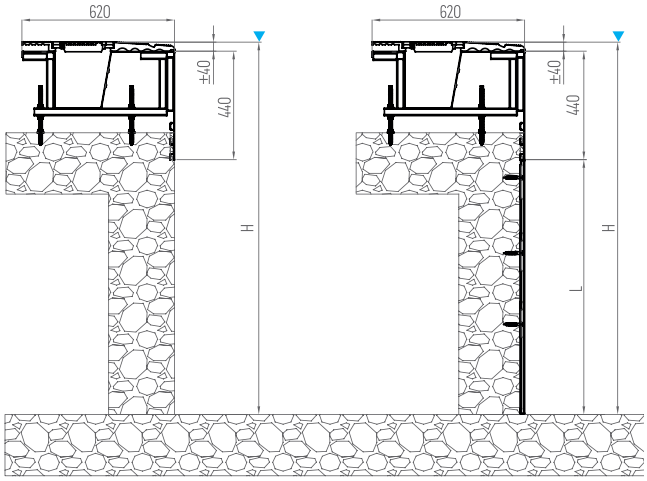
FINISHES AND MATERIALS	
Panel materials	S235JR steel according to standard UNE EN 10025
Panel finish	Hot-dip galvanized steel according to standard UNE-EN-ISO 1461: 2009
Waterproofing	Reinforced ALKORPLAN-2000 liner
Ceramic finish	ERGO 216 non-slip + 035 non-slip

* Considered water level hydrostatic load and variable loads according to standard UNE-EN-ISO 13451-1 on pool equipment

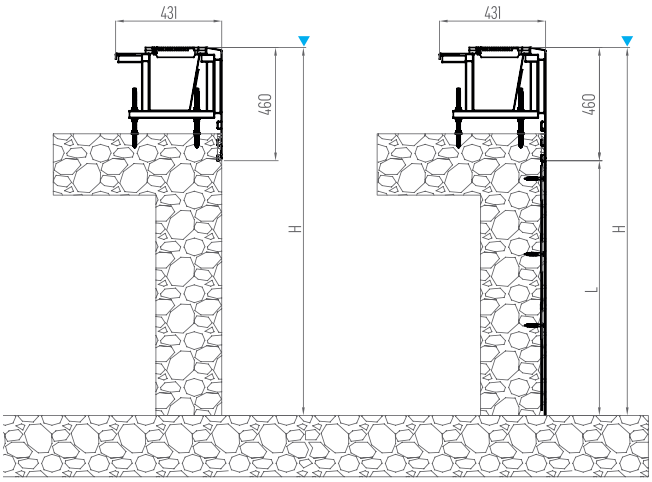
RENOVATION - Panel model

Galvanized steel SkyPool panel suitable for renovating any existing pool.





Ceramic overflow channel | Ceramic overflow channel & wall



Non-ceramic overflow channel | Non-ceramic overflow channel & wall

GENERAL SPECIFICATIONS

		CERAMIC		NON-CERAMIC	
Panel	Type	Overflow channel	Overflow channel & wall	Overflow channel	Overflow channel & wall
	Depth H (m)	0.44	1.2	0.44	1.2
	Depth L (m)	-	-	-	-
	Width (m)	1.0 m standard size (special sizes available on request)			
Panel weight	(Kg)	36	55	32	51
Panel anchors	Chemical type	M12			
Panel fastening screws	(8.8)	M6			
FINISHES AND MATERIALS					
Panel materials		S235JR steel according to standard UNE EN 10025			
Panel finish		Hot-dip galvanized steel according to standard UNE-EN-ISO 1461: 2009			
Waterproofing		Reinforced ALKORPLAN-2000 liner			
Ceramic finish		ERGO 216 non-slip + 035 non-slip		Does not apply	

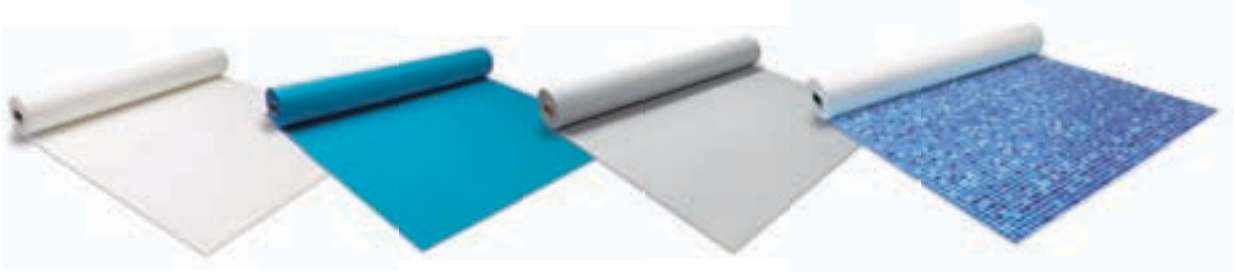
SKYPOOL COMMERCIAL POOLS

WATERPROOFING OF THE POOL using a reinforced PVC-P liner

ASTRALPOOL

The liner made of 150/100 reinforced PVC-P (plasticized polyvinyl chloride) is the most commonly used system for covering liner pools as it is extremely flexible, resistant to tearing, easy to weld, resistant to bleaching from UV rays and because it comes in a wide range of colors.



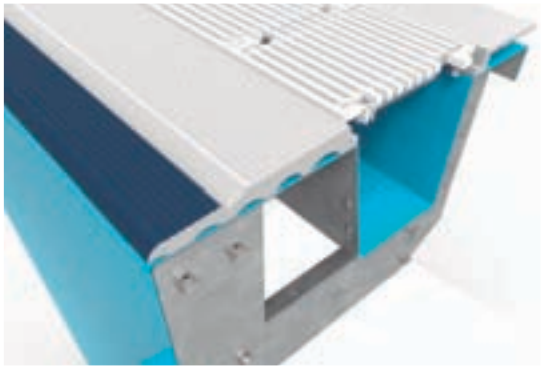


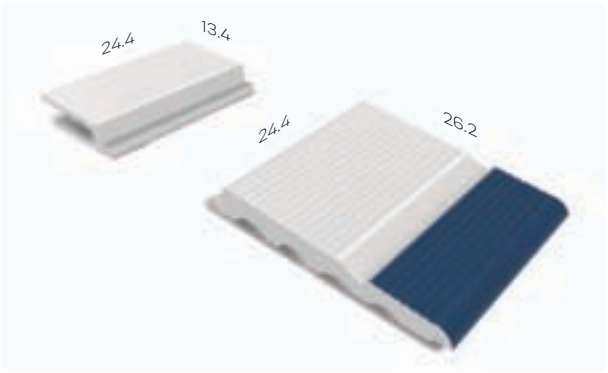
Roll-2000-White | Roll-2000-Adriatic Blue | Roll-2000-Light grey | Roll-3000-Persia Blue

COPING FINISHES

ASTRALPOOL

Porcelain stoneware enhances a pool's design and embellishes its finishing.





SkyPool warranty

All our pools are certified and under warranty for 25 years. Their materials comply with EU standards.

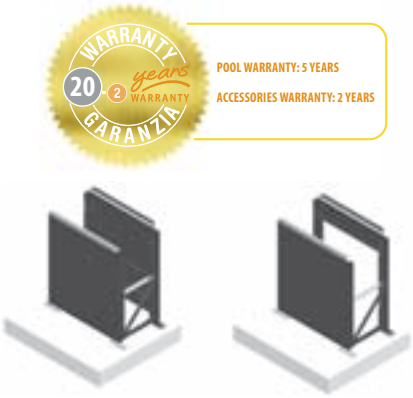
Our quality management system is certified (S/UNE-EN ISO 9001: 2015).

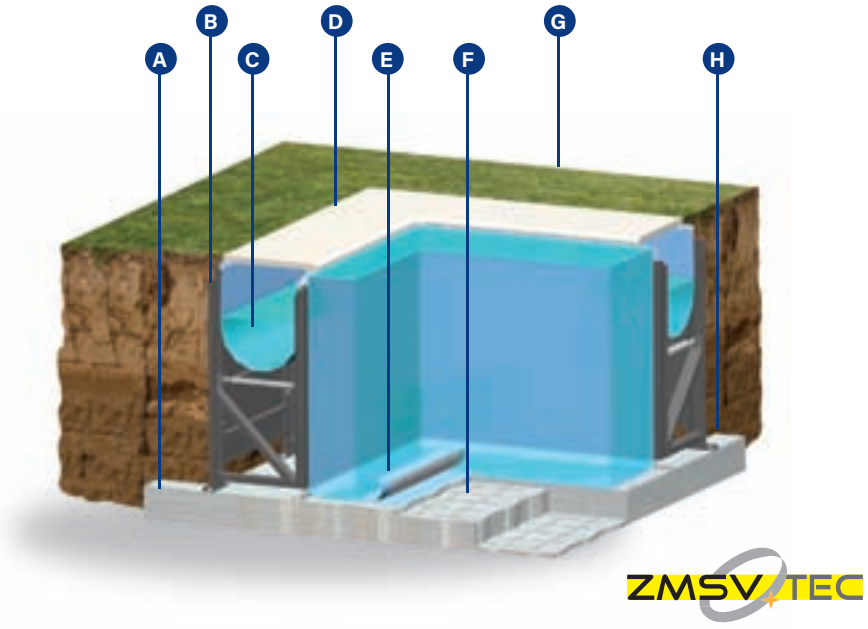
BLUESPRING

When the sides of the overflow blend with the sky and with the surrounding atmosphere, the fulfillment of the perfect pool is realized, the time when the pool disappears and binds to the infinite lines.

Bluespring is designed to give space to the architectural interventions to harness the magic of the different types of overflow available. The structure has been designed to maintain the integrity of the performances over the years, getting its point of excellence in the reliability using. The best technology at the service of demanding customers who believe in the beauty of their own water space.

A Reinforced concrete slab
B Steel structure
C Compensation channel
D Perimetric flooring
E Reinforced membrane
F Concrete reinforcement
G Terrapieno
H Fasteners





The Bluespring structure technology is made of galvanized and passivated steel with low-carbon Z275 coverage, treated with the exclusive protective Laghetto ZMSV-TEC coating.

All the ground supports, the threaded rods anchors, the moving parts and the nuts and bolts are made of stainless steel.

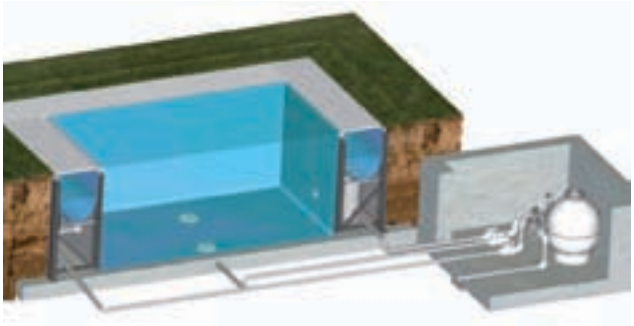
The Bluespring ZMSV-TEC structure provides a full height ground retaining panel if used as a classical inground pool, or is equipped with a shortened panel in case it is mounted in above ground situations.

Bluespring offers two standard heights for the pool panel: **130 and 152 centimeters**.

Higher or variable water depth can be obtained directly by varying the design of the bottom slab.

BLUESPRING - Compensation system

With Bluespring balance tank is not necessary, thanks to the use of big and capacious overflow duct, which allows to avoid the construction of the external compensation tank, with consequent and evident of space and cost savings.



BLUESPRING



High-tech, endless beauty

When the sides of the overflow blend with the sky and with the surrounding atmosphere, the fulfillment of the perfect pool is realized, the time when the pool disappears and binds to the infinite lines.

Elegant and exclusive, Bluespring is the infinity pool suitable for every need: do sport comfortably at home, relax after work or enjoy time with the family, in the privacy of your own home.

The perimeter overflow is the best filtration system for floating impurities: the water overflows from the edge into the channel under the perimeter paving and enters the filtration system.

With the overflow channel, therefore, you will no longer need the external, underground, bulky and expensive compensation tank. Reduced construction times and low impact building works guarantee an immediately usable space; the self-supporting structure remains intact over the years and allows easy and quick maintenance and control.

The best technology at the service of demanding customers who believe in the beauty of their own water space.



CLASSIC CUSTOM AND PROFESSIONAL

- MODEL: Custom Professional
- FAMILY: Pool Design
- INSTALLATION: Above-ground for events
- PRODUCT TYPE: Pool with with hydrostatic structure
- STRUCTURE: Hot dip galvanized steel wilt powder coated parts.
- POOL LINER: Made of polyester with highly waterproof PVC coating
- LINER COLOR: Laghetto Blue
- INSTALLATION: UNI standards, for temporary use also
- EQUIPMENT: Tank (structure and liner), foot blocks. Filtration, skimmers and piping depending on customer project
- OPTIONS: Wintercovering, summercovering
- SIZES: Available heights: 60/100/120 cm (water heights)
- WARRANTY: 5 Years (structure and liner) - 2 Years (other parts and accessories)

https://www.piscinelaghetto.com/en/product/home-design-en/custom-professional





CLASSIC CUSTOM AND PROFESSIONAL

PISCINE LAGHETTO





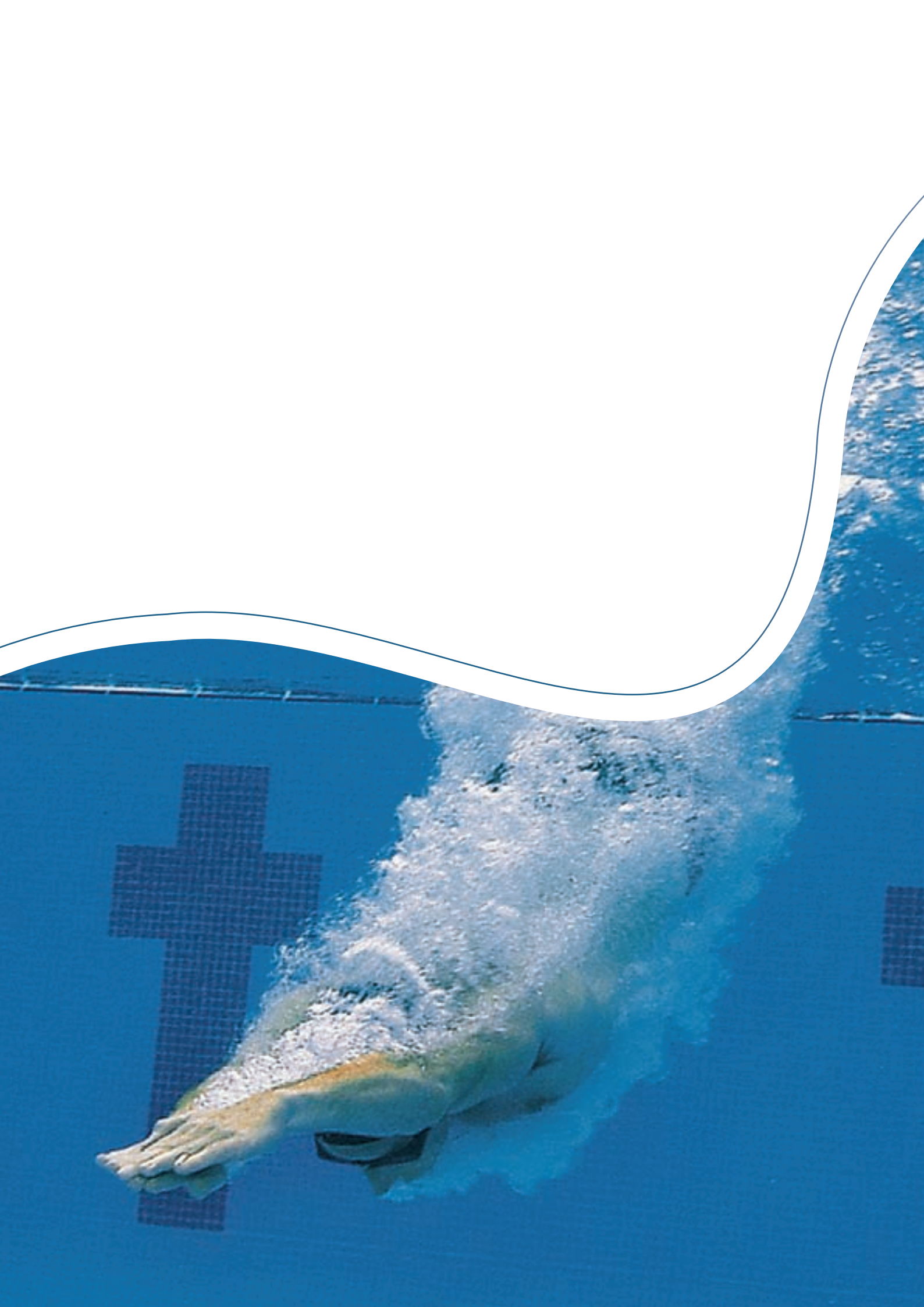












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LAMINATED FILTERS

ARTIC & ARTIC PLUS FILTERS



- According EN 16713-1.
- Filters are made of polyester resin and fibreglass.
- Equipped with pressure gauge, and water purge valves.
- Maximum temperature 50°C.

Bed depth 1 m or 1.2 m

Maximum pressure: 2.5 kg/cm².

Complies with Standard EN 16713-1

					BED DEPTH 1 M. / DEPTH 1.2 M.	
Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter	
mm	m²	m³/h/m²	m³/h/m²	In	ARTIC Bed depth 1 m	ARTIC PLUS Bed depth 1.2 m
500	0.19	50	10	1½"	34029-0100	-
650	0.33	50	17	1½"	34030-0100	36053
800	0.50	50	25	2"	34031-0100	36054
950	0.70	50	36	2½"	41187	41373
1050	0.86	50	44	3"	41188	36055
1200	1.13	50	57	4"	41189	36056

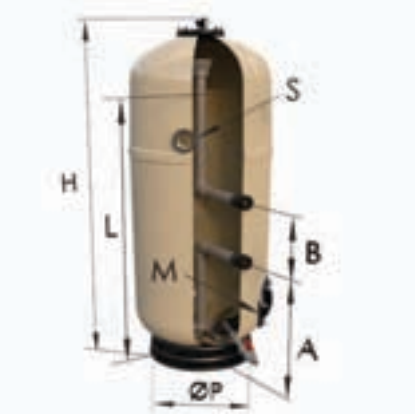
The filter code does not include filter media

LAMINATED FILTERS

ARTIC & ARTIC FILTERS

TECHNICAL FEATURES

Filter Media Loads on page 160



STANDARD EQUIPMENT		Filter with laterals	Pressure (bar)
Collector system	0.3 mm slots	Ø 500 - Ø 1200	2.5
Air relief	1/4"	Ø 500 - Ø 1200	2.5
Sand drain	Ø 200	Ø 1000 - Ø 1200	2.5
Water drain	1"	Ø 500 - Ø 950	2.5
	2.5" - 1/4"	Ø 1000 - Ø 1200	2.5
Top manhole	Ø 200	Ø 500 - Ø 950	2.5
	Ø 400	Ø 1000 - Ø 1200	2.5

OPTIONS TABLE		Ø (mm)
Nozzle plate	0.5 mm slots	Ø 650 - Ø 1200
Lateral manhole [1]	Ø 400	Ø 1050 - Ø 1200
Sight glass [2]	Ø 90	Ø 500- Ø1200
Vinylester. Ozone use [3]		Ø500-Ø1200
Use with salt water [4]		Ø500-Ø1200
Use with drinking water [5]		Ø500-Ø1200
UV resistant. Outdoor use		Ø 500- Ø1200

[1] This option replaces sand drain Ø 200.

[2] More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the height of the depth bed. The position for the connections can vary and, by default, it is placed 45° left to the connections.

[3] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

[4] Maximum allowed concentration of salt 45 gr/l (seawater).

[5] A certificate of the material suitable for use with drinking water is included.

ARTIC - BED DEPTH 1 M.

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight kg	Standard Volume m^3	Weight in service kg
500	780	125	1650	1000	400	60	1.3	465
650	775	125	1700	1000	490	65	1.34	620
800	685	230	1750	1000	625	70	1.67	975
950	655	270	1760	1000	705	109	2.3	1400
1050	630	270	1895	1000	775	135	2.42	1550
1200	665	270	1970	1000	940	155	3.65	2260

ARTIC PLUS - BED DEPTH 1,2 M.

(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	kg	m^3	kg
650	730	125	1900	1200	490	75	80	800
800	670	230	1950	1200	625	90	95	1250
950	665	270	1960	1200	705	131	136	1770
1050	665	270	2145	1200	775	135	145	1915
1200	665	270	2170	1200	940	210	220	2860

LAMINATED FILTERS

DELTA FILTERS



- According EN 16713-1.
- Filters are made of polyester resin and fibreglass.
- Equipped with pressure gauge, and water purge valves.
- Maximum temperature 50°C.
- Maxium pressure 2,5 bar.
- Colour RAL 1024.

Bed depth 1 m or 1.2 m

Maximum pressure: 2.5 kg/cm².

Complies with Standard EN 16713-1

					BED DEPTH 1 M. / DEPTH 1.2 M.			
Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter			
					Bed depth 1 m		Bed depth 1.2 m	
mm	m²	m³/h/m²	m³/h/m²	In	Filter with laterals	Filter with nozzle plate	Filter with laterals	Filter with nozzle plate
500	0.19	40	8	1 ½"	58682			
650	0.33	40	13.3	1 ½"	36676	36684	36680	36688
800	0.50	40	20.1	2"	36677	36685	36681	36689
1000	0.86	40	31.4	2 ½"	36678	36686	36682	36690
1200	1.13	40	45.2	Ø 90	36679	36687	36683	36691

The filter code does not include filter media

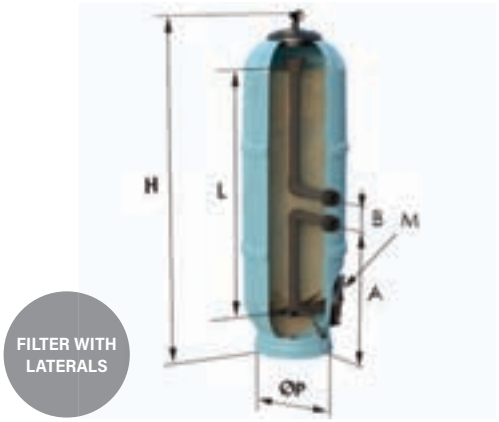
LAMINATED FILTERS

DELTA FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads on page 160



FILTER WITH LATERALS

STANDARD EQUIPMENT		Filter with laterals 0,3 mm	Filter with nozzle plate 0,5 mm slots	Pressure (bar)
Lateral Manhole	DN200	Ø 500 - Ø 1200		2.5
Sight Glass	Ø 90	Delta 1200 (Ø 650 - Ø 1200)		2.5
Top manhole	Ø 200	Ø 500 - Ø 800		2.5
	Ø 400	Ø 1000 - Ø 1200		2.5
Air relief	1/4"	Ø 500 - Ø 800		2.5
	3/4"	Ø 1000 - Ø 1200		2.5
Water drain	1/4"	Ø 500 - Ø 1200		2.5

OPTIONS TABLE		Ø (mm)
Sightglass (1)	Ø 90	Delta 1000 (Ø 500 - Ø 1200)
Vinylester. Ozone use (2)		500 - 1200
Use with salt water (3)		500 - 1200
Use with drinking water (4)		500 - 1200

(1) More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the height of the depth bed. The position for the connections can vary and, by default, it is placed 45° left to the connections.

(2) Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

(3) Maximum allowed concentration of salt 45 gr/l (seawater).

(4) A certificate of the material suitable for use with drinking water is included.

DELTA 1000 - BED DEPTH 1 M.

Ø	A	B	H	L	Ø P	Net Weight		Standard Volume	Weight in service
						Filter with laterals	Filter with nozzle plate		
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	kg		m^3	kg
500	690	125	1680	1000	400	45	-	1.34	530
650	740	125	1702	1000	490	80	94	1.34	700
800	715	230	1749	1000	625	90	111	1.71	1100
1000	785	270	1840	1000	890	125	155	2.16	1750
1200	800	300	1915	1000	1145	150	190	3.29	2550

DELTA 1200 - BED DEPTH 1.2 M.

Ø	A	B	H	L	Ø P	Filter with laterals	Filter with nozzle plate	Standard Volume	Weight in service
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	kg		m^3	kg
650	740	125	1920	1200	585	100	114	1.5	800
800	715	230	1995	1200	700	110	131	1.94	1250
1000	785	270	2010	1200	890	120	150	2.31	1915
1200	800	300	2150	1200	1145	160	200	3.54	2860

LAMINATED FILTERS



NORMA FILTERS

ASTRALPOOL

- Designed following the guidelines of the standards DIN 19605/19643.
- According EN 16713-1.
- Filters are made of polyester resin and fibreglass.
- Equipped with pressure gauge, and water purge valves.
- Maximum temperature 50°C.
- Bed depth 1,2 m.
- Fiberglass polyester flanges.
- Hardware stainless steel AISI 316.

Bed depth 1.2 m

Maximum pressure: 2.5 kg/cm².

Complies with Standard EN 16713-1

					BED DEPTH 1 M.
Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter(1)
				Upper / Lower	
mm	m²	m³/h/m²	m³/h/m²	mm	2.5 bar
650	0.33	30	10	90 / 75	08142P
800	0.50		15	90 / 75	08143P
1000	0.80		23	140 / 110	08144P
1200	1.13		33	140 / 140	08145P

(1) The filter code does not include filter media or valve manifold

LAMINATED FILTERS

NORMA FILTERS

TECHNICAL FEATURES

Filter Media Loads on page 160



FILTER WITH NOZZLE PLATE

STANDARD EQUIPMENT		Filter with nozzle plate	Pressure (bar)
Nozzle plate	0,5 mm slots	Ø 650 - Ø 1200	2.5
Lateral manhole	Ø 200	Ø 650 - Ø 800	2.5
	Ø 400	Ø 1000 - Ø 1200	2.5
Sight glass	Ø 90	Ø 650 - Ø 1200	2.5
Air relief	2"	Ø 650 - Ø 1200	2.5
Water drain	2.5" - 1/4"	Ø 650 - Ø 1200	2.5
Top manhole	Ø 200	Ø 650 - Ø 1200	2.5

OPTIONS TABLE	Ø (mm)
Vinylester. Ozone use [1]	Ø 650 - Ø 1200
Use with salt water [2]	Ø 650 - Ø 1200
Use with drinking water [3]	Ø 650 - Ø 1200

[1] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

[2] Maximum allowed concentration of salt 45 gr/l (seawater).

[3] A certificate of the material suitable for use with drinking water is included.

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight kg	Standard Volume m^3	Weight in service kg
650	320	1330	2480	1200	585	100	1.33	845
800	320	1330	2480		700	125	2	1490
1000	340	1640	2490		890	145	3	2190
1200	400	1200	2640		1145	177	5.5	3320

LAMINATED FILTERS



BEGUR FILTERS

ASTRALPOOL

- Designed following the guidelines of the standards DIN 19605/19643.
- Filters are made of polyester resin and fibreglass.
- Equipped with pressure gauge, and water purge valves.
- Nozzle plate included with 65 nozzles/m².
- Maximum temperature 50°C.
- Bed depth 1,2 m.
- Freeboard 0,5 m.
- Fibreglass polyester flanges.
- Colour RAL 5015.
- Hardware stainless steel AISI 316.

Bed depth 1.2 m

Maximum pressure: 2.5 kg/cm².

Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Input connection	Output connection	Code filter(1) Outlet water under nozzle plate	
						Monolayer (1 sight glass)	Multilayer (2 sight glasses)
mm	m²	m³/h/m²	m³/h/m²	mm			
650	0.33	20	7	90	75	66033 126 000	66033 127 000
		30	10				
800	0.5	20	10	110	90	66034 126 000	66034 127 000
		30	15				
1000	0.86	20	16	140	110	66035 126 000	66035 127 000
		30	23				
1200	1.13	20	23	160	140	66036 126 000	66036 127 000
		30	34				

(1) Example of Interpration of the code: 66033 126 000
The filter code does not include filter media

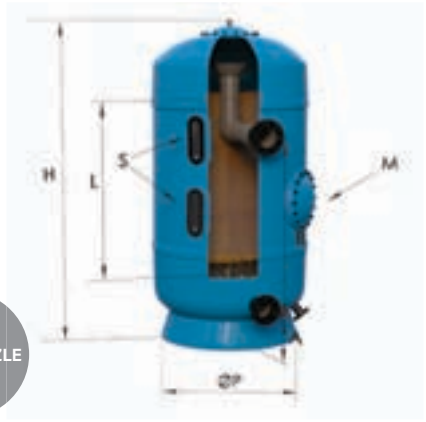
LAMINATED FILTERS

BEGUR FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads on page 160



FILTER WITH NOZZLE PLATE

STANDARD EQUIPMENT		Filter with nozzle plate	Pressure (bar)
Nozzle plate	0.5 mm slots	Ø 650 - Ø 1200	2.5
Lateral manhole	Ø 200	Ø 650	2.5
	Ø 400	Ø 800 - Ø 1200	2.5
Sight glass	50 x 300 mm	Ø 650 - Ø 1200	2.5
Air relief	1/4"	Ø 650 - Ø 1200	2.5
Water drain	3/4"	Ø 650 - Ø 1200	2.5
Airscouring connection	DN50	Ø 650 - Ø 1200	2.5
Top manhole	Ø 200	Ø 650 - Ø 800	2.5
	Ø 400	Ø 1000 - Ø1200	2.5

OPTIONS TABLE	Ø (mm)
Vinylester. Ozone use [1]	Ø 650 - Ø 1200
Use with salt water [2]	
Use with drinking water [3]	

[1] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40º.

[2] Maximum allowed concentration of salt 45 gr/l (seawater).

[3] A certificate of the material suitable for use with drinking water is included.

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight kg	Standard Volume m^3	Weight in service kg
650	270	1400	2411	1200	580	110	1.88	845
800	270		2442		700	150	2.70	1490
1000	355		2617		890	160	4.30	2190
1200	385		2752		1085	180	4.98	3320

LAMINATED FILTERS

BLANES FILTERS

ASTRALPOOL



- Designed following the guidelines of the standards DIN 19605/19643.
- Filters are made of polyester resin and fibreglass.
- Equipped with pressure gauge, and water purge valves.
- Nozzle plate included with 65 nozzles/m².
- Maximum temperature 50°C.
- Bed depth 1,2 m.
- Freeboard 0,5 m.
- Fibreglass polyester flanges.
- Colour RAL 5015.
- Hardware stainless steel AISI 316.

Bed depth 1.2 m

Maximum pressure: 2.5 kg/cm².

Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Input connection	Output connection	Code filter* Outlet water under nozzle plate	
						Monolayer (1 sight glass)	Multilayer (2 sight glasses)
mm	m²	m³/h/m²	m³/h/m²	mm			
1400	1.54	20	31	160	140	66037 126 000	66037 127 000
		30	46				
1600	2.01	20	40	160	160	66038 126 000	66038 127 000
		30	60				
1800	2.54	20	51	200	160	66039 126 000	66039 127 000
		30	76				
2000	3.14	20	63	200	200	66040 126 000	66040 127 000
		30	94				

(1) Example of Interpration of the code: 66037 126 000
The filter code does not include filter media

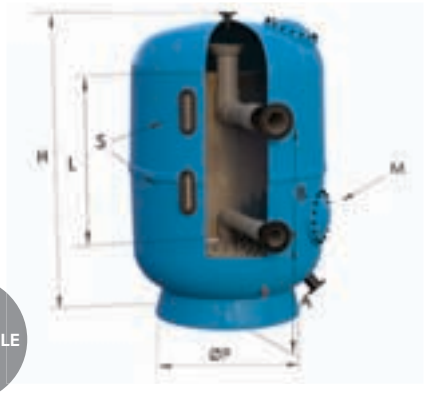
LAMINATED FILTERS

BLANES FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads on page 160



FILTER WITH NOZZLE PLATE

STANDARD EQUIPMENT		Filter with nozzle plate	Pressure (bar)
Nozzle plate	0.5 mm Slots	Ø 1400 - Ø 2000	2.5
Lateral manhole	Ø 400 mm		
Sight glass	50 x 300 mm		
Air relief	DN50		
Water drain	3/4"		
Airscouring connection	DN80		
Top manhole	Ø 400 mm		

OPTIONS TABLE	Ø (mm)
Vinylester. Ozone use [1]	Ø 1400 - Ø 2000
Use with salt water [2]	
Use with drinking water [3]	

[1] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40º.

[2] Maximum allowed concentration of salt 45 gr/l (seawater).

[3] A certificate of the material suitable for use with drinking water is included.

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight kg	Standard Volume m^3	Weight in service kg
1400	915	1000	2650	1200	1085	220	7.85	4470
1600	915		2738		1230	280	9.40	5890
1800	915		2800		1370	340	12.40	7600
2000	960		2880		1560	435	15.49	9455

LAMINATED FILTERS

VESUBIO FILTERS



- Made of polyester resin and fibreglass.
- Equipped with pressure gauge, and manual air and water purge valves.
- Ø 400 mm top lid.
- Suitable for filtration velocity of 20, 30, 40 and 50 $m^3/h/m^2$.
- All filters can be assembled with valve manifold.
- 2½" sand discharge outlet.
- Collector arms.

Bed depth 1 m

Maximum pressure: 2.5 kg/cm^2.

Does not include valve manifold

Optional: Standard American sizes

Coding options according to table on page 158

					BED DEPTH 1 M.	
Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Connections Ø tube	Code filter[1]	Valve manifold Manual, 5-valve code for 1 filter
mm	m^2	$m^3/h/m^2$	$m^3/h/m^2$	mm	2.5 bar	
450	0.16	50	8	50	15785-0100	
500	0.19	50	10	50	19353-0100	
600	0.3	50	12	50	15786-0100	
750	0.44	50	22	63	15787-0100	
900	0.64	50	32	63	16574-0100	
				75	15788	
1050	0.87	20	17	63	41304	00769 VO 10
		30/40	25/34	75	41305	00771 VO 10
		50	43	90	41306	00776 VO 10
1200	1.13	20/30	22/33	75	41307	00771 VO 12
		40/50	45/56	90	41308	00776 VO 12
1400	1.54	20	30	75	41309	00771 VO 14
		30	46	90	41310	00776 VO 14
		40/50	61/77	110	41311	00780 VO 14
1600	2.01	20	40	90	41312	00776 VO 16
		30/40	60/80	110	41313	00780 VO 16
		50	100	125	41314	00785 VO 16
1800	2.54	20	50	90	41315	00776 VO 18
		30	76	110	41316	00780 VO 18
		40	101	125	41317	00785 VO 18
		50	125	140	41318	00789 VO 18
2000	3.14	20	62	110	41319	00780 VO 20
		30	94	125	41320	00785 VO 20
		40	125	140	41321	00789 VO 20
		50	157	160	41322	09177 VO 20

[1] The filter code does not include filter media or valve manifold

LAMINATED FILTERS

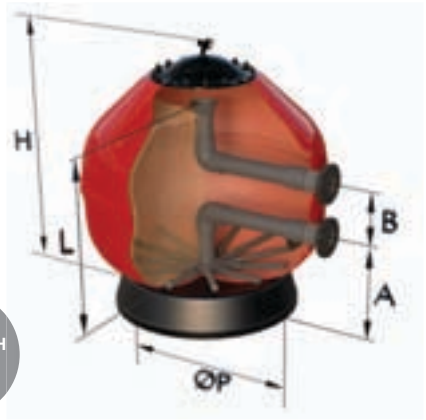
VESUBIO FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 160 and 163





FILTER WITH LATERALS

STANDARD EQUIPMENT	Filter with laterals
Laterals slots 0.3 mm	Ø 1050 - 2000
Top manhole Ø 400	Ø 1050 - 2000
Sand drain 2 ½"	Ø 1050 - 2000
Water drain ¼"	Ø 450 - 2000
Manual air relief ¼"	Ø 450 - 2000

OPTIONS TABLE	Ø (mm)	Pressure (bar)
Lateral manhole Ø225 [2]	1050-2000	2.5
Sight glass Ø75 [S]	1050-2000	2.5
Vinylester. Ozone use [4]	450-2000	2.5
Use with salt water [5]	450-2000	2.5
Use with drinking water [6]	450-2000	2.5
Top manhole Ø400	1050-2000	2.5

[2] Recommendation: The lateral manhole option is for all filters with nozzle plate or with laterals, whose height (H) is higher than 2 m. The main reason is to facilitate the access to the interior without working at height. More than one lateral manhole can be installed. The distance between the inlet/outlet ports and the manhole is always the same, rotated 45º to the right by default. It can be modified as per your requirements.

[S] More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the level of the depth bed media, rotated 45º to the left of the inlet/outlet by default. It can be modified as per your requirements.

[4] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40º.

[5] Maximum allowed concentration of salt 45 gr/l (seawater).

[6] A certificate of the material suitable for use with drinking water is included.

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight kg	Standard Volume m^3	Weight in service kg
450	265	125	725	375	347	16	0.2	
500	305		765	405	400	20	0.26	
600	325		865	445		23	0.36	
750	300	230	895	520	490	32	0.6	365
900	325	270	1080	655	625	48	1.003	632
1050	465	500	1545	1000	760	110	2.25	1630
1200	675		1730	1250	850	125	3.37	2220
1400	725		1845	1300	1085	152	4.41	3060
1600	710		1850	1400	1230	185	5.66	3930
1800	755	570	1915	1350	1370	257	7.40	5065
2000	775		2030	1420	1560	360	9.48	6360

LAMINATED FILTERS

EUROPE 1.0 FILTERS

ASTRALPOOL



- Made of polyester resin and fibreglass.
- Equipped with pressure gauge, and manual air and water purge valves.
- Ø 400 mm top lid.
- Suitable for filtration velocity of 20, 30, 40 and 50 $m^3/h/m^2$.
- All filters can be assembled with valve manifold.
- Collector arms and optional nozzle plate.

Bed depth 1 m

Maximum pressure: 2.5 kg/cm² - 4 kg/cm²

Does not include valve manifold

Optional: Standard American sizes

Coding options according to table on page 158

					BED DEPTH 1 M		
Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Connections Ø tube	Code filter[1]		Valve manifold Manual, 5-valve code for 1 filter
mm	m^2	$m^3/h/m^2$	$m^3/h/m^2$	mm	2.5 bar	4 bar	
1050	0.87	20*	17	63	20070	34270	00769 EU 10
		30/40**	25/34	75	20071	34271	00771 EU 10
		50	43	90	20072	34272	00776 EU 10
1200	1.13	20/30	22/33	75	20068	34273	00771 EU 12
		40/50	45/56	90	20069	34274	00776 EU 12
1400	1.54	20	30	75	21497	34276	00771 EU 14
		30	46	90	21498	34277	00776 EU 14
		40/50	61/77	110	21499	34278	00780 EU 14
1600	2.01	20	40	90	21500	34280	00776 EU 16
		30/40	60/80	110	21501	34281	00780 EU 16
		50	100	125	21502	34282	00785 EU 16
1800	2.54	20	50	90	21503	34285	00776 EU 18
		30	76	110	21504	34286	00780 EU 18
		40	101	125	21505	34287	00785 EU 18
		50	125	140	21506	34288	00789 EU 18
2000	3.14	20	62	110	21507	34290	00780 EU 20
		30	94	125	21508	34291	00785 EU 20
		40	125	140	21509	34292	00789 EU 20
		50	157	160	21510	34293	09177 EU 20
2350	4.34	20	87	125	33820		00785 EU 23
		30	130	140	33822		00789 EU 23
		40	174	160	33824		09177 EU 23
		50	217	200	33826		09180 EU 23
2500	4.91	20	100	140	34302		00789 EU 25
		30	150	160	34303		09177 EU 25
		40	200	200	34304		09180 EU 25
		50	225	225	34305		09185 EU 25

[1] The filter code does not include filter media or valve manifold.

LAMINATED FILTERS

EUROPE 1.0 FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 160 and 163







STANDARD EQUIPMENT	Filter with laterals Collector system slots 0.3 mm	Filter with nozzle plate Collector system slots 0.5 mm
Top manhole Ø 400	Ø 1050 - 2500	
Air relief 3/4"	Ø 1050 - 2500	
Sand drain Ø 200	Ø 1050 - 2500	Lateral manhole is recommended
Water drain 3/4"	Ø 1050 - 2500	

OPTIONS TABLE		Ø (mm)	Pressure (bar)
Nozzle plate [1]		1050 - 2500	2.5 - 4
Lateral manhole [M]	Ø 225 mm	1050 - 2500	2.5 - 4
	Ø 400 mm	1050 - 2500	2.5 - 4
Sight glass [S]	Ø 75 mm	1050 - 2500	2.5 - 4
	Ø 135 mm	1050 - 2500	2.5 - 4
Vinylester. Ozone use [4]		1050 - 2500	2.5 - 4
Use with salt water [5]		1050 - 2500	2.5 - 4
Use with drinking water [6]		1050 - 2500	2.5 - 4

[1] Nozzle plate with 0.5 mm slots suitable for air scouring.

[M] Recommendation: The lateral manhole option is for all filters with nozzle plate or with laterals, whose height (H) is higher than 2 m. The main reason is to facilitate the access to the interior without working at height. More than one lateral manhole can be installed. The distance between the inlet/outlet ports and the manhole is always the same, rotated 45º to the right by default. It can be modified as per your requirements.

[S] More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the level of the media, rotated 45º to the left of the inlet/outlet by default. It can be modified as per your requirements.

[4] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40º.

[5] Maximum allowed concentration of salt 45 gr/l (seawater).

[6] A certificate of the material suitable for use with drinking water is included.

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight kg	Standard Volume m^3	Weight in service kg
1050	540	270	1860	1300	760	125	2.823	2060
1200	570	350	1860	1300	850	150	3.597	2600
1400	615	400	2000	1350	1083	214	4.9	3500
1600	710	400	2100	1330	1230	230	6.5	4700
1800	725	400	2200	1300	1370	344	8.8	6150
2000	805	400	2200	1350	1558	435	10.58	7800
2350	950	400	2430	1380	1830	600	15.7	10766
2500	1015	500	2525	1500	1830	630	-	13800

LAMINATED FILTERS



EUROPE 1.2 FILTERS

ASTRALPOOL

- Made of polyester resin and fibreglass.
- Equipped with pressure gauge, and manual air and water purge valves.
- Ø 400 mm top lid.
- Suitable for filtration velocity of 20, 30, 40 and 50 $m^3/h/m^2$.
- All filters can be assembled with valve manifold.
- Collector arms and optional nozzle plate.

Bed depth 1.2 m

Maximum pressure: 2.5 kg/cm^2.

Does not include valve manifold

Optional: Standard American sizes

Coding options according to table on page 158

					BED DEPTH 1.2 M	
Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter[1]	Valve manifold Manual, 5-valve code for 1 filter
mm	m^2	$m^3/h/m^2$	$m^3/h/m^2$	mm	2.5 bar	
1050	0.87	20*	17	63	31857	00769 EU 10
		30/40**	25/34	75	31858	00771 EU 10
		50	43	90	31859	00776 EU 10
1200	1.13	20/30	22/33	75	31860	00771 EU 12
		40/50	45/56	90	31861	00776 EU 12
1400	1.54	20	30	75	21511	00771 EU 14
		30	46	90	21512	00776 EU 14
		40/50	61/77	110	21513	00780 EU 14
1600	2.01	20	40	90	21514	00776 EU 16
		30/40	60/80	110	21515	00780 EU 16
		50	100	125	21516	00785 EU 16
1800	2.54	20	50	90	21517	00776 EU 18
		30	76	110	21518	00780 EU 18
		40	101	125	21519	00785 EU 18
		50	125	140	21520	00789 EU 18
2000	3.14	20	62	110	21521	00780 EU 20
		30	94	125	21522	00785 EU 20
		40	125	140	21523	00789 EU 20
		50	157	160	21524	09177 EU 20
2350	4.34	20	87	125	33821	00785 EU 23
		30	130	140	33823	00789 EU 23
		40	174	160	33825	09177 EU 23
		50	217	200	33827	09180 EU 23
2500	4.91	20	100	140	34306	00789 EU 25
		30	150	160	34307	09177 EU 25
		40	200	200	34308	09180 EU 25
		50	225	225	34309	09185 EU 25

[1] The filter code does not include filter media or valve manifold

LAMINATED FILTERS

EUROPE 1.2 FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 160 and 163







STANDARD EQUIPMENT	Filter with laterals Collector system slots 0.3 mm	Filter with nozzle plate Collector system slots 0.5 mm
Top manhole Ø 400	Ø1050 - 2500	
Air drain 3/4"	Ø1050 - 2500	
Sand drain Ø 200	Ø1050 - 2500	Lateral manhole is recommended
Water drain 3/4"	Ø 1050 - 2500	

OPTIONS TABLE		Ø (mm)	Pressure (bar)
Nozzle plate [1]		1050 - 2500	2.5
Lateral manhole [M]	Ø 225 mm	1050 - 2500	2.5
	Ø 400 mm	1050 - 2500	2.5
Sight glass [S]	Ø 75 mm	1050 - 2500	2.5
	Ø 135 mm	1050 - 2500	2.5
Vinylester. Ozone use [4]		1050 - 2500	2.5
Use with salt water [5]		1050 - 2500	2.5
Use with drinking water [6]		1050 - 2500	2.5

[1] Nozzle plate with 0.5 mm slots suitable for air scouring.

[M] Recommendation: The lateral manhole option is for all filters with nozzle plate or with laterals, whose height (H) is higher than 2 m. The main reason is to facilitate the access to the interior without working at height. More than one lateral manhole can be installed. The distance between the inlet/outlet ports and the manhole is always the same, rotated 45° to the right by default. It can be modified as per your requirements.

[S] More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the level of the media, rotated 45° to the left of the inlet/outlet by default. It can be modified as per your requirements.

[4] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

[5] Maximum allowed concentration of salt 45 gr/l (seawater).

[6] A certificate of the material suitable for use with drinking water is included.

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight kg	Standard Volume m^3	Weight in service kg
1050	540	270	2060	1480	760	140	3.04	2375
1200	570	350	2060	1480	850	155	3.89	2950
1400	615	400	2200	1520	1085	215	6.27	4000
1600	710	400	2300	1550	1230	255	8.31	5475
1800	725	400	2400	1570	1370	385	10.65	6950
2000	805	400	2400	1570	1560	4265	12.90	8800
2350	950	400	2630	1580	1830	630	16.80	12180
2500	1015	500	2675	1700	1830	860	-	14460

BOBBIN WOUND FILTERS



PRAGA FILTERS

ASTRALPOOL

- Bobbin wound filters made of polyester resin and fibreglass.
- Equipped with pressure gauge, and manual air and water purge valves.
- Ø 400 mm top lid.
- Suitable for filtration velocity of 20, 30, 40 and 50 $m^3/h/m^2$.
- All filters can be assembled with valve manifold.
- 2 ½" sand discharge outlet.
- Collector arms and optional nozzle plate.

Bed depth 1 m

For all filters with nozzle plate, a side manhole is recommended for easy discharge of media

Optional: Standard American sizes

Other specific heights may be made to order

Coding options according to table on page 158

					BED DEPTH 1 M.			
Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter[1]			Valve manifold Manual, 5-valve code for 1 filter
mm	m^2	$m^3/h/m^2$	$m^3/h/m^2$	mm	2.5 bar	4 bar	6 bar	
1050	0.87	20	17	63	00687	09209	34830	00769 BS 10
		30-40	25/34	75	00694	00712	34831	00771 BS 10
		50	43	90	00707	00724	34832	00776 BS 10
1200	1.13	20-30	22/33	75	00688	00713	34833	00771 BS 12
		40-50	45/56	90	00702	00719	34834	00776 BS 12
1400	1.54	20	30	75	00689	09210	75815	00771 BS 14
		30	46	90	00696	00714	34837	00776 BS 14
		40	61	110	00703	00720	34838	00780 BS 14
1600	2.01	20	40	90	00690	09211	34839	00776 BS 16
		30-40	60/80	110	00697	00715	34840	00780 BS 16
		50	100	125	00710	00727	75816	00785 BS 16
1800	2.54	20	50	90	00691	09212	34844	00776 BS 18
		30	76	110	00698	00716	34845	00780 BS 18
		40	101	125	00705	00722	34846	00785 BS 18
		50	125	140	00711	00728	75817	00789 BS 18
		50	125	160	33312	31988	75818	09177 BS 18
2000	3.14	20	62	110	00692	09213	34849	00780 BS 20
		30	94	125	00699	00717	34850	00785 BS 20
		40	125	140	00706	00723	34851	00789 BS 20
		50	157	160	05083	05132	75819	09177 BS 20
2200	3.80	30	114	140	56937	57812	57812 PR 06	00789 BS 22
		40	152	160	56938	57813	57813 PR 06	09177 BS 22
2350	4.34	20	87	125	00693	09214	09214 PR 06	00785 BS 23
		30	130	140	00700	09217	09217 PR 06	00789 BS 23
		40	175	160	04935	09220	09220 PR 06	09177 BS 23
2500	4.91	20	100	140	08695	09215	09215 PR 06	00789 BS 25
		30	150	160	08696	09218	09218 PR 06	09177 BS 25
		40	200	200	08697	09221	09221 PR 06	09180 BS 25
3000*	7.07	20	140	160	08699	09216	09216 PR 06	09177 BS 30
		30	212	200	08700	09219	09219 PR 06	09180 BS 30
		40	282	225	08701	09222	09222 PR 06	09185 BS 30

[1] The filter code does not include filter media or Valve manifold.

*Filters with a diameter greater than 2500 require special transport.

BOBBIN WOUND FILTERS

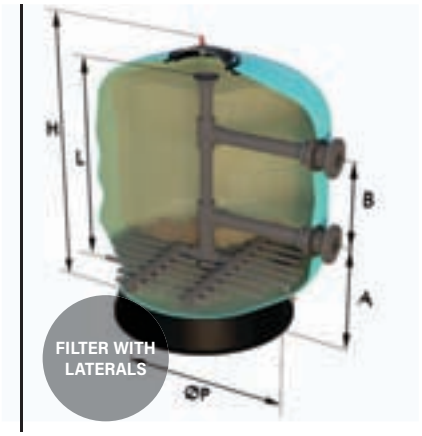
PRAGA FILTERS

ASTRALPOOL

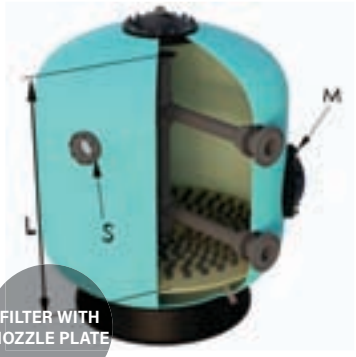
TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 160 and 163





FILTER WITH LATERALS



FILTER WITH NOZZLE PLATE

STANDARD EQUIPMENT	Filter with laterals 0.3 mm slots	Filter with nozzle plate 0.5 mm slots
Top manhole Ø 400	Ø 1050 - 3000	
Air relief ¾"	Ø 1050 - 3000	Ø 1050 - 2000
Air relief 2"	-	Ø 2200 - 3000
Sand drain Ø 90	Ø 1050 - 1400	A lateral manhole is recommended
Sand drain Ø 140	Ø 1600 - 3000	
Water drain ¾"	Ø 1050 - 3000	

OPTIONS TABLE	Ø (mm)	Pressure (bar)
Nozzle plate (1)		2.5 - 4 - 6
Lateral manhole Ø 225 mm (S)	1050 - 3000	2.5 - 4 - 6
Lateral manhole Ø 400 mm (S)	1050 - 3000	2.5 - 4 - 6
Lateral manhole Ø 500 mm (S)	1200 - 3000	2.5 - 4
Mirilla Ø 135 mm (M)	1050 - 3000	2.5 - 4
Vinylester. Ozone use (4)	1050 - 3000	2.5 - 4 - 6
Use with salt water (5)	1050 - 3000	2.5 - 4 - 6
Use with drinking water (6)	1050 - 3000	2.5 - 4 - 6
UV resistant. Outdoor use	1050 - 3000	2.5 - 4 - 6
Top manhole Ø 500 mm	1200 - 3000	2.5 - 4 - 6
Airscouring connection 2 " - DN50 (Filter with nozzle plate)	1050 - 2350	2.5 - 4 - 6
Airscouring connection Ø75 (Filter with nozzle plate)	2500 - 3000	2.5 - 4 - 6

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight kg	Standard Volume m^3	Weight in service kg
1050	540	200	1640	1175	755	155	2.45	2000
1200	570	230	1780	1280	949	25	3.38	2700
1400	585	240	1755	1160	1085	300	4.75	3700
1600	680	260	1835	1235	1230	330	6.13	4900
1800	720	280	1875	1060	1370	400	7.25	6100
2000	790	300	2040	1400	1550	475	9.92	7900
2200	950	340	2440	1450	1830	560	13.9	11200
2350	965	340	2520	1500	1859	630	17.04	12550
2500	1080	340	2550	1500	2000	930	19.5	13760
3000	1100	350	2750	1500	2365	1630	29.0	20200

BOBBIN WOUND FILTERS



VIC FILTERS

ASTRALPOOL

- Bobbin wound filters made of polyester resin and fibreglass.
- Equipped with pressure gauge, and manual air and water purge valves.
- Quik top lid 400x 500 mm.
- Suitable for filtration velocity of 20, 30, 40 and 50 $m^3/h/m^2$.
- All filters can be assembled with valve manifold.
- Lateral sand drain 75 mm.
- Collector arms and optional nozzle plate.

Bed depth 1 m

Maximum pressure: 2.5 kg/cm^2.

For all filters with nozzle plate, a side manhole is recommended for easy discharge of media

Optional: Standard American sizes

Coding options according to table on page 158

					BED DEPTH 1 M.	
Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter[1]	Valve manifold Manual, 5-valve code for 1 filter
mm	m^2	$m^3/h/m^2$	$m^3/h/m^2$	mm	2.5 bar	
1050	0.87	20	17	63	11511N	00769 VI 10
		30/40	25/34	75	11517N	00771 VI 10
		50	43	90	11526N	00776 VI 10
1200	1.13	20/30	22/33	75	11512N	00771 VI 12
		40/50	45/56	90	11522N	00776 VI 12
1400	1.54	20	30	75	11513N	00771 VI 14
		30	46	90	11518N	00776 VI 14
		40/50	61/77	110	11523N	00780 VI 14
1600	2.01	20	40	90	11514N	00776 VI 16
		30/40	60/80	110	11519N	00780 VI 16
		50	100	125	11527N	00785 VI 16
1800	2.54	20	50	90	11515N	00776 VI 18
		30	76	110	11520N	00780 VI 18
		40	101	125	11524N	00785 VI 18
		50	125	140	11528N	00789 VI 18
2000	3.14	20	62	110	11516N	00780 VI 20
		30	94	125	11521N	00785 VI 20
		40	125	140	11525N	00789 VI 20
		50	157	160	11529N	09177 VI 20

[1] The filter code does not include filter media or Valve manifold

BOBBIN WOUND FILTERS

VIC FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 160 and 163







STANDARD EQUIPMENT	Filter with laterals Collector system 0.3 mm slots	Filter with nozzle plate Collector system 0.5 mm slots
Top manhole oval 400 x 500 mm	Ø 1050 - 2000	
Air relief 1"	Ø 1050 - 2000	
Water drain 1"	Ø 1050 - 2000	
Lateral Sand drain Ø 75	Ø 1050 - 2000	

OPTIONS TABLE	Ø (mm)
Nozzle plate [1]	1050 - 2000
Lateral manhole Ø 225 mm [S]	1050 - 2000
Lateral manhole Ø 400 mm [S]	1050 - 2000
Mirilla Ø 135 mm [M]	1050 - 2000
Vinylester. Uso con ozono [4]	1050 - 2000
Use with salt water [5]	1050 - 2000
Use with drinking water [6]	1050 - 2000
UV resistant. Outdoor use	1050 - 2000
Air scouring connections 2"	1050 - 2000

[1] Nozzle plate with 0.5 mm slots suitable for air scouring.

[M] Recommendation: The lateral manhole option is for all filters with nozzle plate or with laterals, whose height (H) is higher than 2 m. The main reason is to facilitate the access to the interior without working at height. More than one lateral manhole can be installed. The distance between the inlet/outlet ports and the manhole is always the same, rotated 45° to the right by default. It can be modified as per your requirements.

[S] More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the level of the media, rotated 45° to the left of the inlet/outlet by default. It can be modified as per your requirements.

[4] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

[5] Maximum allowed concentration of salt 45 gr/l (seawater).

[6] A certificate of the material suitable for use with drinking water is included.

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight kg	Standard Volume m^3	Weight in service kg
1050	685	85	1950	1300	760	120	1.9	2000
1200	680	85	1970	1300	860	154	2.7	2700
1400	685	85	2000	1300	1020	173	3.7	3700
1600	695	85	2050	1300	1150	235	5.0	4900
1800	710	85	2080	1300	1320	270	6.4	6100
2000	730	85	2150	1300	1470	295	8.7	7900

BOBBIN WOUND FILTERS



OSLO FILTERS

ASTRALPOOL

BED DEPTH FILTER: 1.2 M

- Bobbin wound filters made of polyester resin and fibreglass.
- Equipped with pressure gauge, and manual air and water purge valves.
- Ø 400 mm top lid cover.
- Suitable for filtration velocity speeds of 20, 30, 40 and 50 $m^3/h/m^2$.
- All filters can be assembled with valve manifold.
- 2 ½" sand discharge outlet.
- Collector arms and optional nozzle plate.

Bed depth 1.2 m

Does not include valve manifold

Optional: Standard American sizes

For all filters with nozzle plate, a side manhole is recommended for easy discharge of media

Other specific depths may be made to order

Coding options according to table on page 158

					BED DEPTH 1 M.			
Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter(1)			Valve manifold Manual, 5-valve code for 1 filter
mm	m^2	$m^3/h/m^2$	$m^3/h/m^2$	mm	2.5 bar	4 bar	6 bar	
1050	0.86	30	25	75	04611	05168	05168 PR 06	00771 BA 10
		40	34	90	04612	05173	05173 PR 06	00776 BA 10
1200	1.13	30	33	75	04613	05169	05169 PR 06	00771 BA 12
		40	45	110	04650	05174	05174 PR 06	00780 BA 12
1400	1.54	30	46	90	04615	07436	07436 PR 06	00776 BA 14
		40	61	125	04616	07437	07437 PR 06	00785 BA 14
1600	2.01	30	60	110	04619	05170	05170 PR 06	00780 BA 16
		40	80	140	04651	05175	05175 PR 06	00789 BA 16
1800	2.54	30	76	125	04623	07438	07438 PR 06	00785 BA 18
		40	101	160	04624	07439	07439 PR 06	09177 BA 18
2000	3.14	30	94	125	04626	05171	05171 PR 06	00785 BA 20
		40	125	160	04652	05176	05176 PR 06	09177 BA 20
2200	3.80	30	114	140	56935	57810	57810 PR 06	00789 BA 22
		40	152	160	56936	57811	57811 PR 06	09177 BA 22
2350	4.34	30	130	140	08693	05172	05172 PR 06	00789 BA 23
		40	175	200	08694	05177	05177 PR 06	09180 BA 23
2500	4.90	30	150	160	08704	08712	08712 PR 06	09177 BA 25
		40	200	225	08706	08714	08714 PR 06	09185 BA 25
3000*	7.07	30	212	200	08708	08716	08716 PR 06	09180 BA 30
		40	282	250	08710	08718	08718 PR 06	19133 BA 30

(1) The filter code does not include filter media or Valve manifold

*Filters with a diameter greater than 2500 require special transport

BOBBIN WOUND FILTERS

OSLO FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 160 and 163







STANDARD EQUIPMENT	Filter with laterals Collector system 0.3 mm slots	Filter with nozzle plate Collector system 0.5 mm slots
Top manhole Ø 400	Ø 1050 - 3000	
Air relief ¾"	Ø 1050 - 3000	
Air relief 2"	-	Ø 1050 - 3000
Sand drain Ø 90	Ø 1050 - 1600	Doesn't include a sand drain. A lateral Manhole is recommended.
Sand drain Ø 140	Ø1800 - 3000	
Water drain 3/4"	Ø 1050 - 3000	
Air scouring connections 2" (Nozzle plate filters)	-	Ø 1050 -2350
Air scouring connection Ø 75 (Nozzle plate filters)	-	Ø 2500 - 3000

OPTIONS TABLE		Ø (mm)	Pressure (bar)
Nozzle plate [1]		1050 - 3000	2.5 - 4 - 6
Lateral Manhole [M]	Ø 225 mm	1050 - 3000	2.5 - 4 - 6
	Ø 400 mm	1050 - 3000	2.5 - 4 - 6
	Ø 500 mm	1050 - 3000	2.5 - 4
Sight Glass [S]	Ø 135 mm	1050 - 3000	2.5 - 4
	Ø 200 mm	1050 - 3000	2.5 - 4 - 6
Vinylester. Ozone use [4]		1050 - 3000	2.5 - 4 - 6
Use with salt water [5]		1050 - 3000	2.5 - 4 - 6
Use with drinking water [6]		1050 - 3000	2.5 - 4 - 6
UV resistant. Outdoor use		1050 - 3000	2.5 - 4 - 6
Top manhole	Ø 500 mm	1050 - 3000	2.5 - 4
	Ø 600 mm	1050 - 3000	2.5 - 4

[1] Nozzle plate with 0.5 mm slots suitable for air scouring. Consult for nozzles with 0.2 mm slots.

[M] Recommendation: The lateral manhole option is for all filters with nozzle plate or with laterals, whose height (H) is higher than 2 m. The main reason is to facilitate the access to the interior without working at height. More than one lateral manhole can be installed. The distance between the inlet/outlet ports and the manhole is always the same, rotated 45° to the right by default. It can be modified as per your requirements.

[S] More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the level of the media, rotated 45° to the left of the inlet/outlet by default. It can be modified as per your requirements.

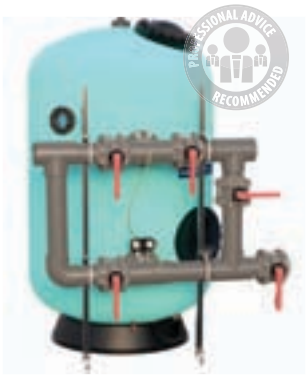
[4] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

[5] Maximum allowed concentration of salt 45 gr/l (seawater).

[6] A certificate of the material suitable for use with drinking water is included.

Ø (mm)	A (H) (mm)	B (M) (mm)	H (mm)	L (mm)	Ø P (mm)	Net Weight kg	Standard Volume m^3	Weight in service kg
1050	650	940	2070	1525	750	207	2.5	2450
1200	670	830	2080	1525	940	234	3.2	3000
1400	680	820	2175	1550	1085	294	4.7	4300
1600	780	800	2310	1600	1230	360	6.2	5825
1800	790	780	2320	1600	1370	416	8.5	7300
2000	790	840	2460	1600	1550	483	10.3	9000
2200	960	700	2580	1650	1860	567	14.8	12500
2350	1065	700	2720	1700	1860	651	15.8	13750
2500	1125	450	2750	1700	2000	820	20.8	14885
3000	1150	600	2950	1700	2365	1300	31	21615

BOBBIN WOUND FILTERS



OLOT FILTERS

ASTRALPOOL

Designed following the guidelines of the standards DIN 19605/19643

- Bobbin wound filters made of polyester resin and fibreglass.
- Equipped with pressure gauge, and water purge valves.
- Ø 400 mm top lid and Ø 400 lateral manhole included.
- All filters can be assembled with valve manifold.
- Nozzle plate included.

Bed depth 1.2 m and 1.5 m

Does not include valve manifold

Other specific heights may be made to order

All ø 3000 mm filters need special shipping

Coding options according to table on page 158

					Bed depth 1.2 m		Bed depth 1.5 m		
Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Outlet Ø	Code filter[1]				Valve manifold Manual, 5-valve code for 1 filter
					Bed depth 1.2 m		Bed depth 1.5 m		
mm	m^2	$m^3/h/m^2$	$m^3/h/m^2$	mm	2.5 bar	4 bar	2.5 bar	4 bar	
1050	0.87	30	25	110	07355-120	07355-120 PR 04	18227-120	18227-120 PR 04	00780 OL 10
1200	1.13	30	33	125	07356-120	07356-120 PR 04	18228-120	18228-120 PR 04	00785 OL 12
1400	1.54	30	46	140	07447-120	07447-120 PR 04	18229-120	18229-120 PR 04	00789 OL 14
1600	2.01	30	60	160	07357-120	07357-120 PR 04	18230-120	18230-120 PR 04	09177 OL 16
1800	2.54	30	76	200	07448-120	07448-120 PR 04	18231-120	18231-120 PR 04	09180 OL 18
2000	3.14	30	94	225	07358-120	07358-120 PR 04	18232-120	18232-120 PR 04	09185 OL 20
2200	3.80	30	114	225	56934-120	56934-120 PR 04	65547-120	65547-120 PR 04	09185 OL 22
2350	4.34	30	130	250	07359-120	07359-120 PR 04	18233-120	18233-120 PR 04	19133 OL 23
2500	4.91	30	150	250	19335-120	19335-120 PR 04	19337-120	19337-120 PR 04	19133 OL 25
2600	5.31	30	160	250	23969-120	23969-120 PR 04	23971-120	23971-120 PR 04	19133 OL 26
2800	6.16	30	185	250	23970-120	23970-120 PR 04	23972-120	23972-120 PR 04	19133 OL 28
3000	7.07	30	212	250	19336-120	19336-120 PR 04	19338-120	19338-120 PR 04	19133 OL 30

[1] The filter code does not include filter media or Valve manifold.

*Filters with a diameter greater than 2500 require special transport.

BOBBIN WOUND FILTERS

OLOT FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 160 and 163





STANDARD EQUIPMENT	Filter with laterals
Nozzle plate 0.5 mm Slots	Ø 1050 - 3000
Top manhole Ø 400	Ø 1050 - 3000
Air relief 2"	Ø 1050 - 2000
Air relief Ø 75	Ø 2200 - 3000
Water drain 3/4"	Ø 1050 - 3000
Airscouring connection 2"	Ø 1050 - 1600
Airscouring connection Ø 75	Ø 1800 - 2500
Airscouring connection Ø 90	Ø 2600
Airscouring connection Ø 110	Ø 2800
Airscouring connection Ø 140	Ø 3000

OPTIONS TABLE	Ø (mm)	Pressure (bar)
Lateral manhole Ø 500 mm [M]	1050 - 3000	2.5 - 4
Sight glass Ø 135 mm [S]		
Sight glass Ø 200 mm [S]		
Vinylester. Ozone use [4]		
Use with salt water [5]		
Use with drinking water [6]		
UV resistant. Outdoor use		
Top manhole Ø 500 mm		

[1] Nozzle plate with 0.5 mm slots suitable for air scouring. Consult for nozzles with 0.2 mm slots.

[M] Recommendation: The lateral manhole option is for all filters with nozzle plate or with laterals, whose height (H) is higher than 2 m. The main reason is to facilitate the access to the interior without working at height. More than one lateral manhole can be installed. The distance between the inlet/outlet ports and the manhole is always the same, rotated 45º to the right by default. It can be modified as per your requirements.

[S] More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the height of the Bed depth. The position for the connections can vary and, by default, it is placed 45º left to the connections.

[4] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40º.

[5] Maximum allowed concentration of salt 45 gr/l (seawater).

[6] A certificate of the material suitable for use with drinking water is included.

Ø	A (H)	B (M)	H		L		Ø P	Net Weight	Standard Volume	Weight in service
			Bed depth 1.2 m	Bed depth 1.5 m	Bed depth 1.2 m	Bed depth 1.5 m				
(mm)	(mm)	(mm)	(mm)		(mm)		(mm)	kg	m³	kg
1050	700	1000	2380	2680	1700	2000	730	285	3.21	3000
1200	700	1000	2400	2700			940	385	4.2	3900
1400	830	900	2420	2720			1080	420	5.68	5300
1600	830	950	2520	2820			1230	460	7.69	7150
1800	900	920	2570	2870			1390	515	9.58	8750
2000	950	760	2660	2960			1550	625	12.9	11250
2200	950	750	2690	2990			1860	774	15.3	13130
2350	1050	680	2800	3100			1850	920	17.5	15800
2500	1100	600	2850	3150			2050	1010	25.87	17950
2600	1160	600	2920	3220			2050	1144	26.51	19400
2800	1230	650	3030	3330			2200	1264	30.63	22600
3000	1140	600	2900	3200			2360	1590	32.12	26250

BOBBIN WOUND FILTERS



RODAS 1050 - 1200 FILTERS

ASTRALPOOL

HORIZONTAL FILTERS

- Bobbin wound filters made of polyester resin and fibreglass.
- Equipped with pressure gauge,air and water purge valves.
- Ø 140 mm top lid.
- Ø 400 mm side lid.
- Ø 140 sand discharge.
- All filters can be assembled with valve manifold.

Bed depth 0.6 m

Coding options according to table on page 158

Ø Internal diameter	Effective length (K)	Filtration Area	Filtration velocity	Recommended flow	Oulet Ø	Code filter			Valve manifold Manual, 5-valve code for 1 filter
mm	mm	m²	m³/h/m²	m³/h/m²	mm	2.5 bar	4 bar	6 bar	
1050	1900	1.72	20	34	75	05102	07124	07124 PR 06	00771 HZ 10
			30	52	90	05105	07125	07125 PR 06	00776 HZ 10
			40	69	110	05108	07126	07126 PR 06	00780 HZ 10
	2300	2.12	20	42	110	11331	11321	11321 PR 06	00780 HZ 10
			30	64	125	11332	11322	11322 PR 06	00785 HZ 10
			40	85	140	11333	11323	11323 PR 06	00789 HZ 10
	2500	2.32	20	46	110	24842	25016	25016 PR 06	00780 HZ 10
			30	70	125	24843	25017	25017 PR 06	00785 HZ 10
			40	93	140	24844	25018	25018 PR 06	00789 HZ 10
	2700	2.51	20	50	110	11334	11326	11326 PR 06	00780 HZ 10
			30	75	125	11335	11327	11327 PR 06	00785 HZ 10
			40	100	140	11336	11328	11328 PR 06	00789 HZ 10
	3000	2.81	20	56	110	22647	22683	22683 PR 06	00780 HZ 10
			30	84	140	22648	22684	22684 PR 06	00789 HZ 10
			40	112	160	22649	20895	20895 PR 06	09177 HZ 10
1200	1900	1.96	20	39	110	22650	22685	22685 PR 06	09177 HZ 12
			30	59	125	22651	22686	22686 PR 06	00785 HZ 12
			40	79	140	22652	22687	22687 PR 06	00789 HZ 12
	2300	2.42	20	3	110	22653	22688	22688 PR 06	09177 HZ 12
			30	73	140	22654	22689	22689 PR 06	00789 HZ 12
			40	97	160	22655	20897	20897 PR 06	09177 HZ 12
	2500	2.65	20	53	125	24845	25019	25019 PR 06	00785 HZ 12
			30	79	140	24846	25020	25020 PR 06	00789 HZ 12
			40	106	160	24847	25021	25021 PR 06	09177 HZ 12
	2700	2.87	20	57	125	22656	22690	22690 PR 06	00785 HZ 12
			30	86	140	22657	22691	22691 PR 06	00789 HZ 12
			40	115	160	22658	20898	20898 PR 06	09177 HZ 12
	3000	3.21	20	64	125	22659	22692	22692 PR 06	00785 HZ 12
			30	96	140	22660	22693	22693 PR 06	00789 HZ 12
			40	129	160	22661	20899	20899 PR 06	09177 HZ 12

BOBBIN WOUND FILTERS

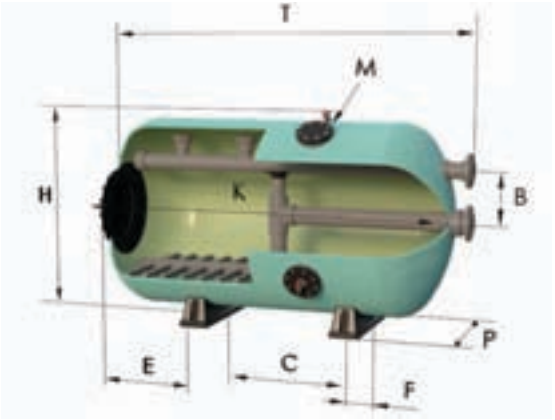
RODAS 1050 - 1200 FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 161 and 163





STANDARD EQUIPMENT

Laterals 0.3 mm slots	Ø 1050 - 2500
Lateral manhole Ø 400	Ø 1050 - 1200
Top manhole Ø 400	Ø 1400 - 2500
Top manhole Ø 140	Ø 1050 - 1200
Air relief 3/4"	Ø 1050 - 2500
Sand drain Ø 140	Ø 1050 - 2500
Water drain 3/4"	Ø 1050 - 2500

OPTIONS TABLE	Ø (mm)	Pressure (bar)
Sight glass Ø 135 mm [5]	1050 - 2500	2.5 - 4
Vinylester. Ozone use [4]	1050 - 2500	2.5 - 4 - 6
Use with salt water [5]	1050 - 2500	2.5 - 4 - 6
Use with drinking water [6]	1050 - 2500	2.5 - 4 - 6
UV resistant. Outdoor use	1050 - 2500	2.5 - 4 - 6

[5] More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the height of the depth bed. The position for the connections can vary and, by default, it is placed 45° left to the connections.

[4] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

[5] Maximum allowed concentration of salt 45 gr/l (seawater).

[6] A certificate of the material suitable for use with drinking water is included.

K (mm)	Ø P (mm)	F (mm)	C (mm)	E (mm)	T (mm)	Standard Volume m^3	Weight in service kg	Net Weight kg
1900	800	190	760	380	2160	2.95	2530	270
2300			1000	460	2560	3.57	3100	330
2500			1120	500	2760	3.88	3380	355
2700			1240	540	2960	4.20	3670	380
3000			1420	600	3260	4.67	4100	420
1900	900	200	760	380	2130	3.08	3220	310
2300			1000	460	2530	3.73	3960	375
2500			1120	500	2750	4.05	4320	410
2700			1240	540	2950	4.38	4690	440
3000			1420	600	3250	4.86	5240	480

BOBBIN WOUND FILTERS



RODAS 1400 - 1600 - 1800 FILTERS

ASTRALPOOL

HORIZONTAL FILTERS

- Bobbin wound filters made of polyester resin and fibreglass.
- Equipped with pressure gauge, air and water purge valves.
- Ø 400 mm top lid.
- Ø 140 sand discharge.
- All filters can be assembled with valve manifold.

Bed depth 0.8 and 1 m

Does not include Valve manifold

Coding options according to table on page 158

Optional: Standard American sizes

Ø Internal diameter	Effective length (K)	Filtration Area	Filtration velocity	Recommended flow	Oulet Ø	Code filter			Valve manifold Manual, 5-valve code for 1 filter
mm	mm	m²	m³/h/m²	m³/h/m²	mm	2.5 bar	4 bar	6 bar	
1400	1900	2.23	20	45	110	24848	25022	25022 PR 06	00780 HZ 14
			30	67	125	24849	25023	25023 PR 06	00785 HZ 14
			40	89	140	24850	25024	25024 PR 06	00789 HZ 14
	2500	3.02	20	60	110	24854	25028	25028 PR 06	00780 HZ 14
			30	91	140	24855	25029	25029 PR 06	00789 HZ 14
			40	121	160	24856	25030	25030 PR 06	09177 HZ 14
	3000	3.67	20	73	125	24860	25034	25034 PR 06	00785 HZ 14
			30	110	160	24861	25035	25035 PR 06	09177 HZ 14
			40	147	200	24862	25036	25036 PR 06	09180 HZ 14
1600	1900	2.47	20	49	110	22662	22694	22694 PR 06	00780 HZ 16
			30	74	140	22663	22695	22695 PR 06	00789 HZ 16
			40	99	160	22664	20900	20900 PR 06	09177 HZ 16
	2500	3.36	20	67	140	24866	25040	25040 PR 06	00789 HZ 16
			30	101	160	24867	25041	25041 PR 06	09177 HZ 16
			40	134	200	24868	25042	25042 PR 06	09180 HZ 16
	3000	4.1	20	82	140	22671	22700	22700 PR 06	00789 HZ 16
			30	123	160	22672	22701	22701 PR 06	09177 HZ 16
			40	164	200	22673	20903	20903 PR 06	09180 HZ 16
1800	2500	3.74	20	75	125	24875	25049	25049 PR 06	00785 HZ 18
			30	112	160	24876	25050	25050 PR 06	09177 HZ 18
			40	150	200	24877	25051	25051 PR 06	09180 HZ 18
	3000	4.58	20	92	140	24881	25055	25055 PR 06	00789 HZ 18
			30	137	160	24882	25056	25056 PR 06	09177 HZ 18
			40	183	200	24883	25057	25057 PR 06	09180 HZ 18
	3500	5.41	20	108	140	24887	25061	25061 PR 06	00789 HZ 18
			30	162	200	24888	25062	25062 PR 06	09180 HZ 18
			40	216	225	24889	25063	25063 PR 06	09185 HZ 18
	4000	6.25	20	125	160	24893	25067	25067 PR 06	09177 HZ 18
			30	187	200	24894	25068	25068 PR 06	09180 HZ 18
			40	250	225	24895	25069	25069 PR 06	09185 HZ 18

The filter code does not include filter media or Valve manifold

BOBBIN WOUND FILTERS

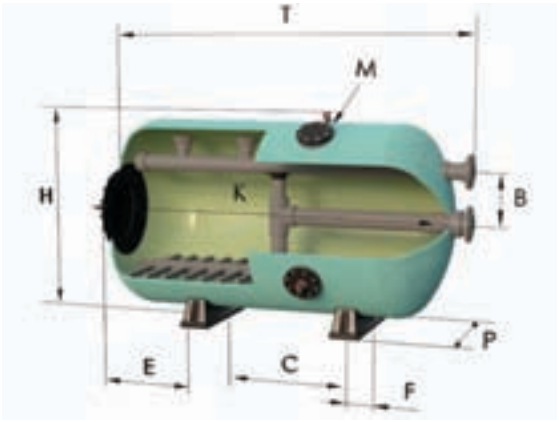
RODAS 1400 - 1600 - 1800 FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 161 and 163





STANDARD EQUIPMENT

Laterals 0.3 mm slots	Ø 1050 - 2500
Lateral manhole Ø 400	Ø 1050 - 1200
Top manhole Ø 400	Ø 1400 - 2500
Top manhole Ø 140	Ø 1050 - 1200
Air relief 3/4"	Ø 1050 - 2500
Sand drain Ø 140	Ø 1050 - 2500
Water drain 3/4"	Ø 1050 - 2500

OPTIONS TABLE		Ø (mm)	Pressure (bar)
Sight glass [5]	Ø 135 mm	1050 - 3000	2.5 - 4
Vinylester. Ozone use [4]		1050 - 3000	2.5 - 4 - 6
Use with salt water [5]		1050 - 3000	2.5 - 4 - 6
Use with drinking water [6]		1050 - 3000	2.5 - 4 - 6
UV resistant. Outdoor use		1050 - 3000	2.5 - 4 - 6

[5] More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the height of the depth bed. The position for the connections can vary and, by default, it is placed 45° left to the connections.

[4] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

[5] Maximum allowed concentration of salt 45 gr/l (seawater).

[6] A certificate of the material suitable for use with drinking water is included.

Ø (mm)	B (mm)	H (mm)	K (mm)	Ø P (mm)	F (mm)	C (mm)	E (mm)	T (mm)	Standard Volume m^3	Weight in service kg	Net Weight kg
1400	390	1600	1900	1080	210	720	380	2160	4.84	4250	385
			2500			1080	500	2780	6.23	5740	485
			3000			1380	600	3320	7.44	6990	585
1600	475	1830	1900	1230	240	470	475	2220	5.49	5420	450
			2500			1020	500	2820	7.18	7400	570
			3000			1320	600	3360	8.6	9020	685
1800	550	2050	2500	1380	270	1020	380	2820	10.4	9170	680
			3000			1320	460	3320	12.25	11230	805
			3500			1620	500	3850	14.2	13290	930
			4000			1920	540	4350	16	15350	1055

BOBBIN WOUND FILTERS



RODAS 2000 - 2350 FILTERS

ASTRALPOOL

HORIZONTAL FILTERS

- Bobbin wound filters made of polyester resin and fibreglass.
- Equipped with pressure gauge, air and water purge valves.
- Ø 400 mm top lid.
- Ø 140 sand discharge.
- All filters can be assembled with valve manifold.

Bed depth 1.2 m

Does not include Valve manifold

Coding options according to table on page 158

Optional: Standard American sizes

Ø Internal diameter	Effective length (K)	Filtration Area	Filtration velocity	Recommended flow	Oulet Ø	Code filter			Valve manifold Manual, 5-valve code for 1 filter
mm	mm	m^2	$m^3/h/m^2$	$m^3/h/m^2$	mm	2.5 bar	4 bar	6 bar	
2000	2500	4.34	20	87	140	05103	07127	07127 PR 06	00789 HZ 20
			30	130	160	05106	07128	07128 PR 06	09177 HZ 20
			40	174	200	05109	07129	07129 PR 06	09180 HZ 20
	3000	5.3	20	106	140	24899	25073	25073 PR 06	00789 HZ 20
			30	159	160	24900	25074	25074 PR 06	09177 HZ 20
			40	212	200	24901	25075	25075 PR 06	09180 HZ 20
	3500	6.25	20	125	160	05104	07130	07130 PR 06	09177 HZ 20
			30	187	200	05107	07131	07131 PR 06	09180 HZ 20
			40	250	225	05110	07132	07132 PR 06	09185 HZ 20
	4000	7.21	20	144	160	24908	25082	25082 PR 06	09177 HZ 20
			30	216	200	24909	25083	25083 PR 06	09180 HZ 20
			40	288	225	24910	25084	25084 PR 06	09185 HZ 20
	4500	8.16	20	163	200	24914	25088	25088 PR 06	09180 HZ 20
			30	245	225	24915	25089	25089 PR 06	09185 HZ 20
			40	326	250	24916	25090	25090 PR 06	19133 HZ 20
2350	3000	5.94	20	119	160	24917	25091	25091 PR 06	09177 HZ 23
			30	178	200	24918	25092	25092 PR 06	09180 HZ 23
			40	238	225	24919	25093	25093 PR 06	09185 HZ 23
	3500	7.06	20	141	160	17120	22702	22702 PR 06	09177 HZ 23
			30	212	200	16696	22703	22703 PR 06	09180 HZ 23
			40	282	225	17121	22704	22704 PR 06	09185 HZ 23
	4000	8.17	20	163	200	24926	25100	25100 PR 06	09180 HZ 23
			30	245	225	24927	25101	25101 PR 06	09185 HZ 23
			40	327	250	24928	25102	25102 PR 06	19133 HZ 23
	4500	9.28	20	186	200	22674	22705	22705 PR 06	09180 HZ 23
			30	279	225	22675	22706	22706 PR 06	09185 HZ 23
			40	371	250	22676	22707	22707 PR 06	19133 HZ 23
	5000	10.4	20	208	200	24935	25109	25109 PR 06	09180 HZ 23
			30	312	250	24936	25110	25110 PR 06	19133 HZ 23
			40	416	315	24937	25111	25111 PR 06	-

(1) The filter code does not include filter media or Valve manifold

BOBBIN WOUND FILTERS

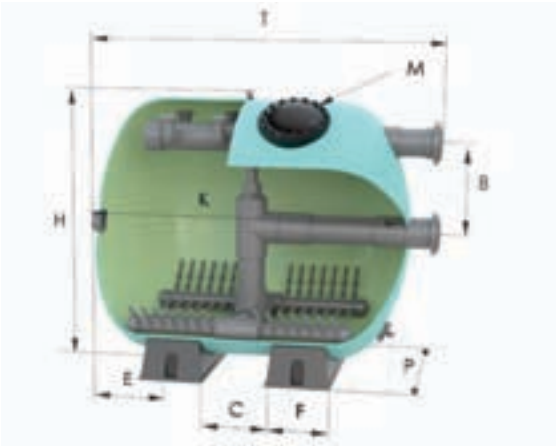
RODAS 2000 - 2350 FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 161 and 163





STANDARD EQUIPMENT

Laterals 0.3 mm slots	Ø 1050 - 2500
Lateral manhole Ø 400	Ø 1050 - 1200
Top manhole Ø 400	Ø 1400 - 2500
Top manhole Ø 140	Ø 1050 - 1200
Air relief 3/4"	Ø 1050 - 2500
Sand drain Ø 140	Ø 1050 - 2500
Water drain 3/4"	Ø 1050 - 2500

OPTIONS TABLE		Ø (mm)	Pressure (bar)
Sight glass [5]	Ø 135 mm	1050 - 3000	2.5 - 4
Vinylester. Ozone use [4]		1050 - 3000	2.5 - 4 - 6
Use with salt water [5]		1050 - 3000	2.5 - 4 - 6
Use with drinking water [6]		1050 - 3000	2.5 - 4 - 6
UV resistant. Outdoor use		1050 - 3000	2.5 - 4 - 6

[5] More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the height of the depth bed. The position for the connections can vary and, by default, it is placed 45° left to the connections.

[4] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

[5] Maximum allowed concentration of salt 45 gr/l (seawater).

[6] A certificate of the material suitable for use with drinking water is included.

Ø (mm)	B (mm)	H (mm)	K (mm)	Ø P (mm)	F (mm)	C (mm)	E (mm)	T (mm)	Standard Volume m^3	Weight in service kg	Net Weight kg
2000	710	2220	2500	1470	500	500	500	2820	13.2	11300	795
			3000			810	600	3320	15.65	13790	945
			3500			1070	725	3850	18.1	16280	1100
			4000			650	600	4350	20.55	18780	1260
			4500			795		4880	23	21380	1420
2350	710	2560	3000	1740	500	800	600	3350	20.25	18300	1150
			3500			1100	700	3850	23	21790	1300
			4000			650	600	4380	25.75	25280	1450
			4500			820	700	4880	28.5	28880	1600
			5000			600	600	5440	32.25	32380	1750

BOBBIN WOUND FILTERS



RODAS 2500 FILTERS

ASTRALPOOL

General features:

- Bobbin wound filters made of polyester resin and fibreglass.
- Equipped with pressure gauge, air and water purge valves.
- Ø 400 mm top lid.
- Ø 140 sand discharge.
- All filters can be assembled with valve manifold.

Bed depth 1.2 m

Does not include Valve manifold

Coding options according to table on page 158

Optional: Standard American sizes

Large filters of more than 3000 mm will be shipped by special delivery.
Ask your dealer about additional costs.

Ø Internal diameter	Effective length (K)	Filtration Area	Filtration velocity	Recommended flow	Oulet Ø	Code filter			Valve manifold Manual, 5-valve code for 1 filter
mm	mm	m^2	$m^3/h/m^2$	$m^3/h/m^2$	mm	2.5 bar	4 bar	6 bar	
2500	3500	7.34	20	149	160	24938	25112	25112 PR 06	09177 HZ 25
			30	223	200	24939	25113	25113 PR 06	09180 HZ 25
			40	297	225	24940	25114	25114 PR 06	09185 HZ 25
	3000	8.62	20	172	200	22677	22708	22708 PR 06	09180 HZ 25
			30	258	225	22678	22709	22709 PR 06	09185 HZ 25
			40	345	250	22679	22710	22710 PR 06	19133 HZ 25
	4500	9.80	20	196	200	24947	25121	25121 PR 06	09180 HZ 25
			30	294	250	24948	25122	25122 PR 06	19133 HZ 25
			40	392	315	24949	25123	25123 PR 06	-
	4000	10.98	20	220	200	22680	22711	22711 PR 06	09180 HZ 25
			30	329	250	22681	22712	22712 PR 06	19133 HZ 25
			40	439	315	22682	22713	22713 PR 06	-

(1) The filter code does not include filter media or Valve manifold

BOBBIN WOUND FILTERS

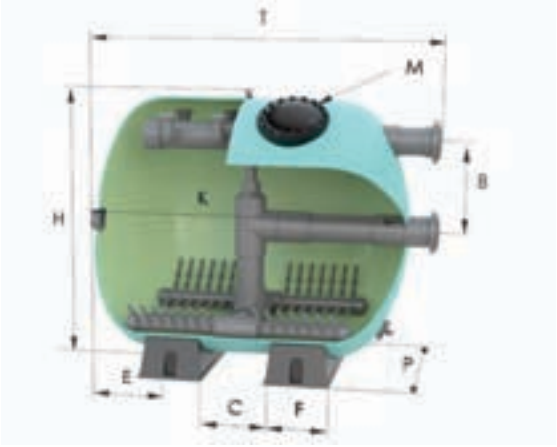
RODAS 2500 FILTERS

ASTRALPOOL

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 161 and 163





STANDARD EQUIPMENT	Filter with laterals
Laterals 0.3 mm slots	Ø 1050 - 2500
Lateral manhole Ø 400	Ø 1050 - 1200
Top manhole Ø 400	Ø 1400 - 2500
Top manhole Ø 140	Ø 1050 - 1200
Air relief 3/4"	Ø 1050 - 2500
Sand drain Ø 140	Ø 1050 - 2500
Water drain 3/4"	Ø 1050 - 2500

OPTIONS TABLE		Ø (mm)	Pressure (bar)
Sight glass [5]	Ø 135 mm	1050 - 3000	2.5 - 4
Vinylester. Ozone use [4]		1050 - 3000	2.5 - 4 - 6
Use with salt water [5]		1050 - 3000	2.5 - 4 - 6
Use with drinking water [6]		1050 - 3000	2.5 - 4 - 6
UV resistant. Outdoor use		1050 - 3000	2.5 - 4 - 6

[5] More than one Sight Glass can be placed. The vertical position is standard and the center of the sight glass is placed at the height of the depth bed. The position for the connections can vary and, by default, it is placed 45° left to the connections.

[4] Maximum concentration of ozone 0.5 ppm in the water and maximum temperature 40°.

[5] Maximum allowed concentration of salt 45 gr/l (seawater).

[6] A certificate of the material suitable for use with drinking water is included.

Ø (mm)	B (mm)	H (mm)	K (mm)	Ø P (mm)	F (mm)	C (mm)	E (mm)	T (mm)	Standard Volume l	Weight in service kg	Net Weight kg
2500	710	2710	3500	1850	500	960	770	3850	28	24320	1505
			4000			500	750	4380	31.8	28250	1670
			4500			750		4940	35.55	32300	1835
			5000			500		5440	39.3	36230	2000

BOBBIN WOUND FILTERS



Coding options according to table on page 158

Optional: Standard American sizes

BERLIN FILTERS

ASTRALPOOL

- Bobbin wound filters made of polyester resin and fibreglass.
- Equipped with pressure gauge, and manual air and water purge valves.
- Ø 400 mm top lid cover.
- Suitable for filtration velocity of 20, 30, 40 and 50 $m^3/h/m^2$.
- All filters can be assembled with valve manifold.
- Collector arms.

Ø Internal diameter	Filtration Area	Filtration velocity	Recommended flow	Oulet Ø	Code filter		Valve manifold Manual, 5-valve code for 1 filter
mm	m^2	$m^3/h/m^2$	$m^3/h/m^2$	mm	2.5 bar	4 bar	
1050	0.87	50	43	Ø75	00545	07134	00771 BB 10
1200	1.13	50	56	Ø90	00546	07135	00776 BB 12

(1) The filter code does not include filter media or Valve manifold

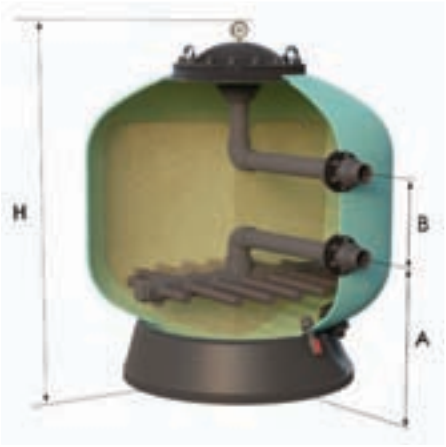
BOBBIN WOUND FILTERS

BERLIN FILTERS

TECHNICAL FEATURES

Filter Media Loads and Valve manifold options on pages 161 and 163





STANDARD EQUIPMENT	Filter with laterals
Top manhole Ø 400	1050 - 1200
Air relief 3/4"	1050 - 1200
Sand drain 2 ½ "	1050 - 1200
Water drain 2 ½ "	1050 - 1200

Ø (mm)	Ø Outlet (mm)	A (mm)	B (mm)	H (mm)	Net Weight kg	Standard Volume m^3
1050	Ø75	500	310	1300	100	1.92
1200	Ø90	550	310	1450	130	2.70

COMMERCIAL POOL FILTRATION

CODING

The filter code is composed of eight digits. The first five digits correspond to the filter code and the last three digits correspond to the model – this information is given in the tables below.

This codification system is used for the Praga, Oslo, Olot, Rodas, Vic, Europe, Vesubio and Delta filters.

Position	1	2	3	4	5	–	6	7	8

Position 1 to 5: Five digit code of the standard product.

Position 6 Specifies the nozzle plate and vinylester options	
0	Filter without nozzle plate
1	Filter with nozzle plate
2	Vinylester finish
3	With plate and vinylester
4	1" double effect priming valve kit
5	1" double effect priming valve kit + plate
6	1" double effect priming valve kit + plate and vinylester
7	2" double effect priming valve kit
8	2" double effect priming valve kit + plate
9	2" double effect priming valve kit + plate and vinylester

Position 7 Specifies side opening options	
0	Without nozzle plates
1	1 Ø 225 mm manhole
2	1 Ø 400 mm manhole
3	2 Ø 225 mm manholes
4	2 Ø 400 mm manholes
5	1 Ø 500 mm manhole

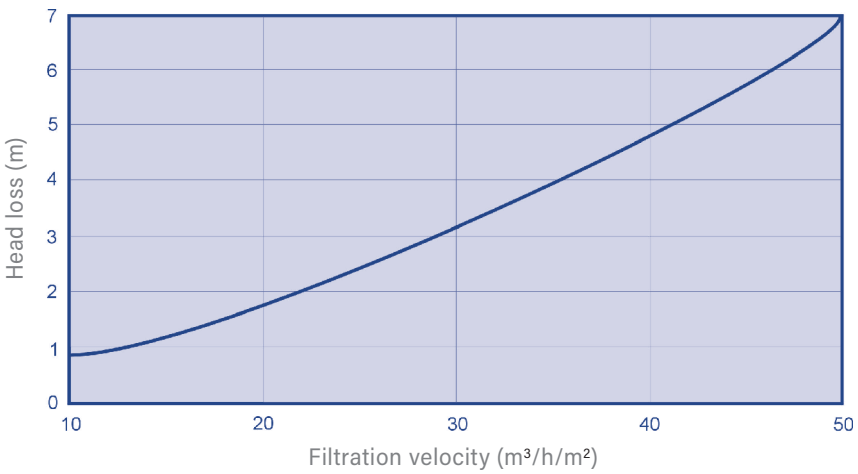
Position 8 Specifies sightglass options	
0	Without sightglasses
1	1 sightglass for laminated filter
2	1 Ø 135 mm sightglass
3	2 Ø 135 mm sightglasses
4	2 Ø 225 mm manholes

Notes: Rodas filters with nozzle plates are not available.
Ø 500 mm side opening for filters as of Ø 1050 mm.
Maximum vinylester option of 0.5 ppm.

Please enquire pricing for various options:
- **Vinylester finish**
- **Ø 225 mm and Ø 400 mm manhole**
- **Sightglass**
- **Plate**

HEAD LOSS CURVE

Filters from Ø 1050 mm to Ø 3000 mm



FILTER MEDIA

VERTICAL FILTER MEDIA

ASTRALPOOL

Apparent Density (kg/m³)	
Anthracite 0.8-1.6	800
Sand 0.4-0.8	1400
Gravel 1-2	1500
Grade 1 glass	1250
Grade 2 glass	1250
Grade 3 glass	1250



Anthracite



Gravel



Glass

			Ø D (mm)					
Model	Media (m³)		500	650	800	950	1000	1200
ARTIC	single-layer	Sand 0.4-0.8	225	380	530	830	1015	1360
		Gravel 1-2	50	100	165	260	320	410
	glass media	Grade 1 glass	150	275	375	600	750	1000
		Grade 2 glass	50	75	125	200	250	325
		Grade 3 glass	50	100	150	225	275	350
ARTIC PLUS	single-layer	Sand 0.4-0.8		470	660	1015	1240	1665
		Gravel 1-2		100	165	260	320	410
	glass media	Grade 1 glass		325	475	725	875	1175
		Grade 2 glass		100	150	225	275	375
		Grade 3 glass		125	150	250	300	400
DELTA 1000	single-layer	Sand 0.4-0.8	245	400	640		990	1425
		Gravel 1-2	60	85	156		300	350
	glass media	Grade 1 glass	175	275	450		725	1000
		Grade 2 glass	50	75	150		225	325
		Grade 3 glass	75	100	150		250	350
DELTA 1200	single-layer	Sand 0.4-0.8		450	765		1325	1765
		Gravel 1-2		85	156		300	350
	glass media	Grade 1 glass		325	500		850	1125
		Grade 2 glass		100	175		275	375
		Grade 3 glass		100	175		300	400
DELTA 1000 NOZZLE PLATE	single-layer	Sand 0.4-0.8		400	640		990	1425
		Gravel 1-2		45	80		120	175
	glass media	Grade 1 glass		275	450		725	1000
		Grade 2 glass		75	100		125	225
		Grade 3 glass		75	100		150	225
DELTA 1200 NOZZLE PLATE	single-layer	Sand 0.4-0.8		450	765		1325	1765
		Gravel 1-2		45	80		300	175
	glass media	Grade 1 glass		325	500		850	1125
		Grade 2 glass		75	125		200	300
		Grade 3 glass		75	125		225	350
NORMA	single-layer	Sand 0.4-0.8		450	765		1325	1765
		Gravel 1-2		45	80		300	175
	glass media	Grade 1 glass		325	500		850	1125
		Grade 2 glass		75	125		200	300
		Grade 3 glass		75	125		225	350
	multi-layer	Anthracite 0.8-1.6		120	200		315	450
		Sand 0.4-0.8		160	270		420	610
		Gravel 1-2		90	150		240	350
BEGUR (NORMA DIN)	single-layer	Sand 0.4-0.8		535	815		1270	1830
		Gravel 1-2		50	80		120	175
	glass media	Grade 1 glass		350	550		850	1125
		Grade 2 glass		75	125		200	300
		Grade 3 glass		75	125		225	350
	multi-layer	Anthracite 0.8-1.6		160	240		375	540
		Sand 0.4-0.8		270	410		635	915
		Gravel 1-2		100	160		240	350

Recommended weights. It can vary depending on the density of the product.

FILTER MEDIA

VERTICAL FILTER MEDIA

ASTRALPOOL

Apparent Density (kg/m³)

Anthracite 0.8-1.6	800
Sand 0.4-0.8	1400
Gravel 1-2	1500
Grade 1 glass	1250
Grade 2 glass	1250
Grade 3 glass	1250



Anthracite



Gravel



Glass

			Ø D (mm)											
Model	**Media (m³)**		**1050**	**1200**	**1400**	**1600**	**1800**	**2000**	**2200**	**2350**	**2500**	**2600**	**2800**	**3000**
BERLIN 1.2 m bed depth collector arms	single-layer	Sand 0.4-0.8	575	800										
		Gravel 1-2	300	325										
	glass media	Grade 1 glass	500	700										
		Grade 2 glass	275	300										
VESUBIO 1 m bed depth collector arms	single-layer	Sand 0.4-0.8	1125	1350	1850	2723	3175	3650						
		Gravel 1-2	175	275	350	450	550	675						
	glass media	Grade 1 glass	650	775	1075	1575	1850	2125						
		Grade 2 glass	325	400	550	800	925	1075						
		Grade 3 glass	150	250	300	400	475	600						
EUROPA, PRAGA, VIC 1 m bed depth collector arms	single-layer	Sand 0.4-0.8	950	1375	1650	2150	2800	3800	4650	5275	6000			8600
		Gravel 1-2	300	325	450	675	750	1050	1800	1900	2200			3300
	glass media	Grade 1 glass	550	800	975	1250	1625	2225	2725	2075	3500			5025
		Grade 2 glass	275	400	475	625	825	1100	1350	1550	1750			2500
		Grade 3 glass	275	300	400	600	650	925	1575	1675	1925			2900
EUROPA, OSLO 1.2 m bed depth collector arms	single-layer	Sand 0.4-0.8	1300	1775	2300	3000	3800	4650	5625	6300	7075			10575
		Gravel 1-2	300	350	500	775	850	1150	1400	1800	1975			3850
	multi-layer	Anthracite 0.8-1.6	450	575	775	1000	1275	1575	1900	2175	2450			3550
		Sand 0.4-0.8	700	800	1025	1375	1750	2125	2550	2925	3350			4825
		Gravel 1-2	300	350	500	775	850	1150	1400	1800	1975			3850
	glass media	Grade 1 glass	1700	2325	3025	3950	5000	6100	7375	8275	9275			13875
		Grade 2 glass	375	525	675	875	1100	1350	1650	1850	2050			3100
		Grade 3 glass	275	300	450	675	750	1000	1225	1575	1725			3375
EUROPA, PRAGA, VIC 1 m bed depth nozzle plate	single-layer	Sand 0.4-0.8	950	1375	1650	2150	2800	3800	4650	5275	6000			8600
		Gravel 1-2	150	175	250	300	400	500	600	675	775			1100
	glass media	Grade 1 glass	650	900	1100	1425	1875	2500	3075	3475	3950			5675
		Grade 2 glass	325	450	550	725	925	1250	1525	1750	1975			2825
EUROPA, OSLO, OLOT 1.2 m bed depth nozzle plate	single-layer	Sand 0.4-0.8	1300	1775	2300	3000	3800	4650	5625	6300	7075	8175	9500	10575
		Gravel 1-2	150	175	250	300	400	500	600	675	775	800	925	1100
	multi-layer	Anthracite 0.8-1.6	450	575	775	1000	1275	1575	1900	2175	2450	2550	2950	3550
		Sand 0.4-0.8	700	800	1025	1375	1750	2125	2550	2925	3350	3700	4300	4825
		Gravel 1-2	150	175	250	300	400	500	600	675	775	800	925	1100
	glass media	Grade 1 glass	850	1150	1475	1925	2450	3000	3625	4075	4575			6800
		Grade 2 glass	425	575	750	975	1225	1500	1825	2050	2300			3400
OLOT 1.5 m bed depth nozzle plate	multi-layer	Anthracite 0.8-1.6	450	575	775	1000	1275	1575	1900	2175	2450	2550	2950	3550
		Sand 0.4-0.8	725	950	1250	1650	2100	2550	3100	3525	4025	4450	5175	2775
		Gravel 1-2	150	175	250	300	400	500	600	675	775	800	925	1100
		Gravel 2-3	150	175	250	300	400	500	600	675	775	800	925	1100
		Gravel 3-5	150	175	250	300	400	500	600	675	775	800	925	1100
BLANES (EUROPA DIN)	single-layer	Sand 0.4-0.8			2500	3250	4125	5100						
		Gravel 1-2			250	300	400	475						
	glass media	Grade 1 glass												
		Grade 2 glass												
		Grade 3 glass												
	multi-layer	Anthracite 0.8-1.6			600	775	975	1200						
		Sand 0.4-0.8			1250	1650	2100	2550						
		Gravel 1-2			475	625	800	975						

Recommended weights. It can vary depending on the density of the product.

FILTER MEDIA

HORIZONTAL FILTER MEDIA

ASTRALPOOL

Apparent Density (kg/m³)	
Anthracite 0.8-1.6	800
Sand 0.4-0.8	1400
Gravel 1-2	1500
Grade 1 glass	1250
Grade 2 glass	1250
Grade 3 glass	1250



Anthracite



Gravel



Glass

			Ø D (mm)								
Model	Media (m³)		1900	2300	2500	2700	3000	3500	4000	4500	5000
1050	single-layer	Sand 0.4-0.8	950	1250	1525	1800	2025				
		Gravel 1-2	350	475	575	700	775				
	glass media	Grade 1 glass	625	825	1000	1175	1325				
		Grade 2 glass	200	275	325	400	450				
		Grade 3 glass	300	425	500	625	675				
1200	single-layer	Sand 0.4-0.8	1100	1425	1750	2075	2325				
		Gravel 1-2	425	550	700	825	925				
	glass media	Grade 1 glass	725	925	1150	1350	1525				
		Grade 2 glass	250	300	375	450	500				
		Grade 3 glass	375	475	625	725	800				
1400	single-layer	Sand 0.4-0.8	2100		2825		3450				
		Gravel 1-2	575		800		1000				
	glass media	Grade 1 glass	1375		1850		2250				
		Grade 2 glass	450		625		750				
		Grade 3 glass	500		700		875				
1600	single-layer	Sand 0.4-0.8	2850		3875		4750				
		Gravel 1-2	600		850		1050				
	glass media	Grade 1 glass	1875		2550		3100				
		Grade 2 glass	625		850		1050				
		Grade 3 glass	700		975		1200				
1800	single-layer	Sand 0.4-0.8			4850		5925	7000	8075		
		Gravel 1-2			975		1225	1475	1700		
	glass media	Grade 1 glass			3175		3875	4600	5300		
		Grade 2 glass			1050		1300	1525	1750		
		Grade 3 glass			850		1075	1300	1500		
2000	single-layer	Sand 0.4-0.8			6575		8025	9475	10925	12375	13825
		Gravel 1-2			1050		1300	1550	1800	2075	2350
	glass media	Grade 1 glass			4325		5275	6225	7175	8125	9075
		Grade 2 glass			1450		1750	2075	2400	2700	3024
		Grade 3 glass			925		1150	1350	1575	1825	2050
2350	single-layer	Sand 0.4-0.8					9300	11050	12800	14525	16250
		Gravel 1-2					2575	3125	3650	4200	4750
	glass media	Grade 1 glass					6100	7250	8400	9525	16675
		Grade 2 glass					2025	2425	2800	3175	3550
		Grade 3 glass					2250	2750	3200	3675	4150
2500	single-layer	Sand 0.4-0.8						11675	13500	15350	17200
		Gravel 1-2						3175	3725	4300	4850
	glass media	Grade 1 glass						7650	8850	10075	11275
		Grade 2 glass						2550	2950	3350	3750
		Grade 3 glass						2775	3250	3775	2450

Recommended weights. It can vary depending on the density of the product.

VALVES MANIFOLD

Manual Manifold. 5 Butterfly Valves





- Butterfly valve.
- Regulable opening every 15º with position holding.
- One piece body in PVC-U.
- Fixed in the set with galvanized steel screws.
- Standard flanges DIN 2501.

Electric Manifold. 5 Butterfly Valves





- Butterfly valve with electric actuator J+J 80-240V.
- Electronic torque control, with limitation of maximum torque.
- Anti-condensation heating resistor.
- Automatic / manual lever, with manual override.
- Open and closed volt free contacts.
- Indicator LED operating / error.
- Enclosure in anticorrosive polyamide.
- Standard flanges DIN 2501.
- Fixed in the set with galvanized steel screws.

Pneumatic Manifold. 5 Butterfly Valves





- Butterfly valve with pneumatic actuator CH-air with limit switch box.
- Rack and pinion drive.
- Valve position visualization.
- NAMUR connection that allows the assembly of the solenoid valve.
- Final position regulation in the actuator (+/- 5º).
- Fixed in the set with galvanized steel screws.
- Standard flanges DIN 2501.

Installation details

Tightening torques (Installation)

D (mm)	63	75	90	110	125 - 140	160	200 - 225	250 - 280	315
DN (mm)	50	65	80	100	125	150	200	250	300
Screws	4xM16x120	4xM16x120	4xM16x150	4xM16x160	4xM16x170	4xM20x200	4xM20x210	4xM20x270	4xM20x310
(N.m)	25	25	25	30	35	40	50	80	80

VALVES MANIFOLD CODIFICATION

Ø OUTLET + MODEL + Ø FILTER

CODING EXAMPLES FOR 1 FILTER
-5 valves, manual. Olot filter Ø1200-125 00785 OL 12

CODING EXAMPLES FOR 2 FILTERS
-5 valves, manual 2 filters Prague Ø1600-125 09180 2BS 516

In this case, it's necessary to search the equivalent outlet for two filters with Ø125 according to the filtration speed. For this example, the speed is 50 (indicated by a 5 at the beginning of the last two digits) and the outlet is Ø200. The number of filters is indicated in front of the filter model, in this case, 2.

Model Filter

Model	Code
Berlin	BB
Praga	BS
Vic	VI
Oslo	BA
Olot	OL
Europe	EU
Vesubio	VO
Rodas	HZ

Ø Filter

Model	Code
1050	10
1200	12
1400	14
1600	16
1800	18
2000	20
2350	23
2500	25
2600	26
2800	28
3000	30

Ø Outlet

Manual Manifolds - 4 Valves

63	00747	Manual Manifold 4 Val. D. 63
75	00749	Manual Manifold 4 Val. D. 75
90	00754	Manual Manifold 4 Val. D. 90
110	00758	Manual Manifold 4 Val. D. 110
125	00763	Manual Manifold 4 Val. D. 125
140	00767	Manual Manifold 4 Val. D. 140
160	09205	Manual Manifold 4 Val. D. 160
200	09160	Manual Manifold 4 Val. D. 200
225	09164	Manual Manifold 4 Val. D. 225
250	26244	Manual Manifold 4 Val. D. 250

Manual Manifolds - 5 Valves

63	00769	Manual Manifold 5 Val. D. 63
75	00771	Manual Manifold 5 Val. D. 75
90	00776	Manual Manifold 5 Val. D. 90
110	00780	Manual Manifold 5 Val. D. 110
125	00785	Manual Manifold 5 Val. D. 125
140	00789	Manual Manifold 5 Val. D. 140
160	09177	Manual Manifold 5 Val. D. 160
200	09180	Manual Manifold 5 Val. D. 200
225	09185	Manual Manifold 5 Val. D. 225
250	19133	Manual Manifold 5 Val. D. 250

Electric Manifolds - 4 Valves

63	00747E	Electric Manifold 4 Val. D. 63
75	00749E	Electric Manifold 4 Val. D. 75
90	00754E	Electric Manifold 4 Val. D. 90
110	00758E	Electric Manifold 4 Val. D. 110
125	00763E	Electric Manifold 4 Val. D. 125
140	00767E	Electric Manifold 4 Val. D. 140
160	09205E	Electric Manifold 4 Val. D. 160
200	09160E	Electric Manifold 4 Val. D. 200
225	09164E	Electric Manifold 4 Val. D. 225
250	26244E	Electric Manifold 4 Val. D. 250

Electric Manifolds - 5 Valves

63	00769E	Electric Manifold 5 Val. D. 63
75	00771E	Electric Manifold 5 Val. D. 75
90	00776E	Electric Manifold 5 Val. D. 90
110	00780E	Electric Manifold 5 Val. D. 110
125	00785E	Electric Manifold 5 Val. D. 125
140	00789E	Electric Manifold 5 Val. D. 140
160	09177E	Electric Manifold 5 Val. D. 160
200	09180E	Electric Manifold 5 Val. D. 200
225	09185E	Electric Manifold 5 Val. D. 225
250	19133E	Electric Manifold 5 Val. D. 250

Pneumatic manifolds - 4 Valves

63	00747N	Pneumatic Manifold 4 Val. D. 63
75	00749N	Pneumatic Manifold 4 Val. D. 75
90	00754N	Pneumatic Manifold 4 Val. D. 90
110	00758N	Pneumatic Manifold 4 Val. D. 110
125	00763N	Pneumatic Manifold 4 Val. D. 125
140	00767N	Pneumatic Manifold 4 Val. D. 140
160	09205N	Pneumatic Manifold 4 Val. D. 160
200	09160N	Pneumatic Manifold 4 Val. D. 200
225	09164N	Pneumatic Manifold 4 Val. D. 225
250	26244N	Pneumatic Manifold 4 Val. D. 250

Pneumatic manifolds - 5 Valves

63	00769N	Pneumatic Manifold 5 Val. D. 63
75	00771N	Pneumatic Manifold 5 Val. D. 75
90	00776N	Pneumatic Manifold 5 Val. D. 90
110	00780N	Pneumatic Manifold 5 Val. D. 110
125	00785N	Pneumatic Manifold 5 Val. D. 125
140	00789N	Pneumatic Manifold 5 Val. D. 140
160	09177N	Pneumatic Manifold 5 Val. D. 160
200	09180N	Pneumatic Manifold 5 Val. D. 200
225	09185N	Pneumatic Manifold 5 Val. D. 225
250	19133N	Pneumatic Manifold 5 Val. D. 250

REGENERATIVE MEDIA FILTERS





FMR Regenerative media filters

- The filter is the basic unit that we must select based on the desired flow rate. Speed is an important factor, a minimum of 1.3 $m^3/h/m^2$ and a maximum of 4.8 $m^3/h/m^2$ is established.
- The bypass valve battery is used to carry out backwashing and maintain the filter in maintenance with water circulation in the system. It is possible to choose between manual or automatic bypass, the latter using pneumatic valves.
- The cabinet is the necessary mechanism to cause the filter regenerations and in the case of the monitored system for the management of probes, system pumps, peripherals and communications.
- The components, such as flow, pressure, temperature, conductivity sensors, are necessary to connect them to the cabinet and to monitor the values of the pool.

The regenerative media (perlite) filters are designed for efficient water purification in pools for collective use. The water filtration system uses perlite as a regenerating filtration media, capable of filtering water down to 1 micron and with low water, energy and chemical requirements compared to traditional flint and glass filters.

FMR filters main components:

- Cylinder and internal candles made of AISI-316 STAINLESS steel.
- Vibrator and compressor for regeneration.
- Perlite filtration media.
- Pressure gauge panel for pressure control.
- Connection flanges to the installation.

As an option:

- Manual valve manifold
- Automatic valve manifold
- Basic control cabinet (BASIC)
- Basic control cabinet with automatic bypass (BASIC AUT)

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
HI500 - D.90mm - 10m^2 - 5.7KG	WPP-HI-0500	-	-	-
HI650 - D.110mm - 17m^2 - 9.7KG	WPP-HI-0650	-	-	-
HI850 - D.125mm - 32m^2 - 18KG	WPP-HI-0850	-	-	-
HI1050 - D.160mm - 47m^2 - 27KG	WPP-HI-1050	-	-	-
HI1050L - D.200mm - 61m^2 - 35KG	WPP-HI-1050L	-	-	-
HI1350 - D.200mm - 80m^2 - 46KG	WPP-HI-1350	-	-	-
HI1600 - D.250mm - 117m^2 - 67KG	WPP-HI-1600	-	-	-
HI1600L - D.315mm - 150m^2 - 86KG	WPP-HI-1600L	-	-	-

BYPASS VALVES MANIFOLD

Filter bypass can be manual or automatic, this last with pneumatic valves. Therefore, an air compressor must be available.

Bypass valves manifold includes:

- Piping, flanges, screws and gaskets.
- Filter inlet check valve.
- Automatic (with pneumatic drives) or manual valves depending on version.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Bypass Manual				
Manual bypass set DN90, FMR PI-500	WPP-KITBYP-0090	-	-	-
Manual bypass set DN110, FMR PI-650	WPP-KITBYP-0110	-	-	-
Manual bypass set DN125, FMR PI-850	WPP-KITBYP-0125	-	-	-
Manual bypass set DN160, FMR HI-1050	WPP-KITBYP-3160	-	-	-
Manual bypass set DN200, FMR HI-1350	WPP-KITBYP-3200	-	-	-
Manual bypass set DN250, FMR HI-1600	WPP-KITBYP-3250	-	-	-
Manual bypass set DN315, FMR HI-1600L	WPP-KITBYP-3315	-	-	-
Bypass automatic pneumatic				
Automatic bypass set DN90, FMR PI-500	WPP-KITBYP-1090	-	-	-
Automatic bypass set DN110, FMR PI-650	WPP-KITBYP-1110	-	-	-
Automatic bypass set DN125, FMR PI-850	WPP-KITBYP-1125	-	-	-
Automatic bypass set DN160, FMR HI-1050	WPP-KITBYP-4160	-	-	-
Automatic bypass set DN200, FMR HI-1350	WPP-KITBYP-4200	-	-	-
Automatic bypass set DN250, FMR HI-1600	WPP-KITBYP-4250	-	-	-
Automatic bypass set DN315, FMR HI-1600	WPP-KITBYP-4315	-	-	

REGENERATIVE MEDIA FILTERS



BASIC FMR CONTROL CABINET

The regenerative media filter control cabinet consists in a basic control panel and automation to do the filter regeneration and management in a fully automatic way. The filter renewal will be every 4 hours, with a programmable filtration system shutdown and a regeneration of the filtration media by controlling the filter vibrating system. Only with the filter regenerating control box the system will be allowed to do the regeneration in a fully automatic way.

Control box includes:

- Basic control box.
- Automation for regeneration control and filter management.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Basic cabinet	WPP-CTRL-0100	-	-	-
Basic cabinet + Automatic bypass	WPP-CTRL-0101	-	-	-

REGENERATIVE MEDIA PERLITE

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Regenerative media Perlite	MF-0013-010	-	-	-



PUMPS

168 VARIABLE SPEED PUMPS
168 Victoria Plus Silent VS

169 SELF-PRIMING PUMPS
169 Victoria Plus Silent
170 Kivu

171 CENTRIFUGAL PUMPS
171 Maxim
172 Colorado with prefilter
173 Colorado without prefilter
174 Kivu
175 Aral C-3000
177 Aral C-1500

179 STRAINERS
179 Strainer in polypropylene and fibreglass
179 Strainer in polyester and fibreglass 33 l capacity
179 Strainer in polyester and fibreglass 60 l capacity
180 Strainer in polyester and fibreglass with sight glass lid 33 l capacity
180 Strainer in polyester and fibreglass with sight glass lid 60 l capacity
181 Kivu strainers
181 Astramax strainers
181 Aral strainers
182 Strainers in stainless steel

183 VALVES AND HOSES
183 Check valves
183 Vibration absorbent brushing

184 AIR BLOWERS
184 Air blowers

VARIABLE SPEED PUMPS

VICTORIAPLUS SILENT VS







VICTORIA PLUS SILENT VS

ASTRALPOOL

The Victoria Plus Silent pump for residential pools comes with two motor powers, has variable speeds and can be automatically controlled.

This pump has been designed for both new-build pools and as a replacement for pumps already fitted.

Significant power savings can be made thanks to the use of variable speeds and the timer.

The pump is compatible with the Fluidra Connect platform.

It has a built-in HMI controller with the possibility of mounting it on a wall for better usability.

Bathers experience a greater feeling of well-being due to the reduced noise level.

There are digital inputs and outputs for the smooth running of all pool units, such as the salt chlorinator and heat pump. It includes a power factor correction function for reducing current flow. It does not require an external power pack for Fluidra Connect.

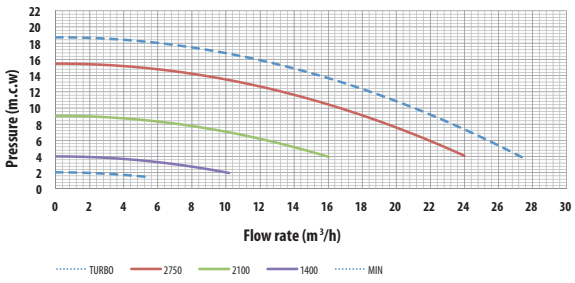
	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Victoria Plus Silent VS 100	67547	1	19	0.087
Victoria Plus Silent VS 200	67548	1	22	0.087

TECHNICAL FEATURES

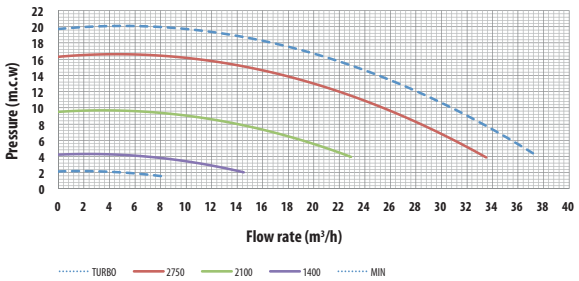
	67547			67548		
	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
Speed (rpm)	1400	2100	2750	1400	2100	2750
Voltage (V)	220-240	220-240	220-240	220-240	220-240	220-240
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Power (W)	170	470	1030	258	750	1560
Current (A)	1	2.2	4.5	1.4	3.4	7.1
Flow rate (m³/h)	8.2	12.4	16.7	11.1	18.8	25.5
Pressure (m)	2.7	6.1	10	3.2	6.2	10
Efficiency (I/Wh)	48.3	26.4	16.2	43	25	16.3
Max. working pressure (m)	4	9	15.5	4	9.4	16.3
Noise (dB)	45	53	61	51	58	66

PERFORMANCE

67547



67548





Menu-driven adjustments and settings



Intuitive weekly timer settings



Pre-set and adjustable speeds



Power consumption and savings display

Energy Efficient

Fluidra Connect compatible

Installation and control:



HMI control system on pump



HMI control system on wall

SELF-PRIMING PUMPS



VICTORIA PLUS SILENT

ASTRALPOOL

A self-priming pump with single-phase and three-phase motors. A prefilter is mounted on the body of the pump to prevent foreign bodies from entering it that may damage its hydraulic parts. The motors supplied come with an IP-55 protection rating and have been prepared to withstand hot environments and high levels of humidity. GS marking. The main characteristics of Victoria Plus Silent are:

- Low noise level: between 61 dB and 70 dB.
- Easy to use: Prefilter cap with 2 levers included (no spanner needed).
- Compatibility: Fully compatible in pools fitted with a Victoria Plus pump.
- Larger front bearing for improved axial thrust.
- PVC accessories assembly included in pump.

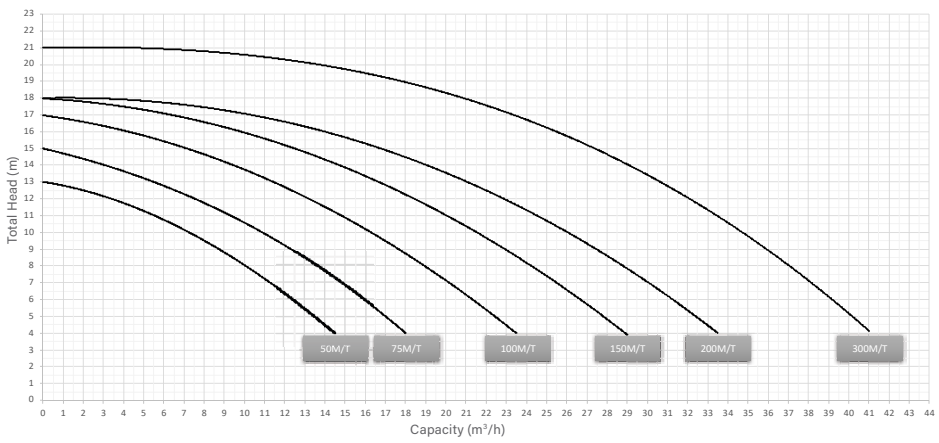
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Victoria Plus Silent 50M	65557	1	12	0.07
Victoria Plus Silent 50T	65558	1	12	0.07
Victoria Plus Silent 75M	65560	1	13	0.07
Victoria Plus Silent 75T	65561	1	13	0.07
Victoria Plus Silent 100M	65562	1	14	0.07
Victoria Plus Silent 100T	65563	1	14	0.07
Victoria Plus Silent 150M	65564	1	17	0.07
Victoria Plus Silent 150T	65565	1	17	0.07
Victoria Plus Silent 200M	65566	1	18	0.07
Victoria Plus Silent 200T	65567	1	19	0.07
Victoria Plus Silent 300M	65569	1	23	0.07
Victoria Plus Silent 300T	65570	1	19	0.07

TECHNICAL FEATURES

REF	MODEL	Voltage	Flow at H_N	Nominal Head	Maximum Head	Maximum Flow	Motor Rated Output	Maximum Absorved Power	Pipe Size
		U_N	Q_N	H_N	$H_{MAX.}$	$Q_{MAX.}$	P_{2N}	P_{1MAX}	D
		V	m^3/h	m	m	m^3/h	kW	kW	mm
65557	50M	230	7.5	10	13	14.5	0.38	0.58	D50
65558	50T	230/400	7.5	10	13	14.5	0.38	0.55	D50
65560	75M	230	11	10	15	18	0.56	0.72	D50
65561	75T	230/400	11	10	14	18	0.56	0.72	D50
65562	100M	230	16	10	17	23.5	0.75	0.98	D50
65563	100T	230/400	16	10	17	23.5	0.75	1.02	D50
65564	150M	230	21.5	10	18	29	1.12	1.40	D63
65565	150T	230/400	21.5	10	18	29	1.12	1.40	D63
65566	200M	230	26	10	18	33.5	1.49	1.80	D63
65567	200T	230/400	26	10	18	33.5	1.49	1.80	D63
65569	300M	230	35	10	21	41	2.24	2.59	D75
65570	300T	230/400	35	10	21	41	2.24	2.40	D75

Maximum flow at Head of 4 m.c.w.

PERFORMANCE



SELF-PRIMING PUMPS



KIVU

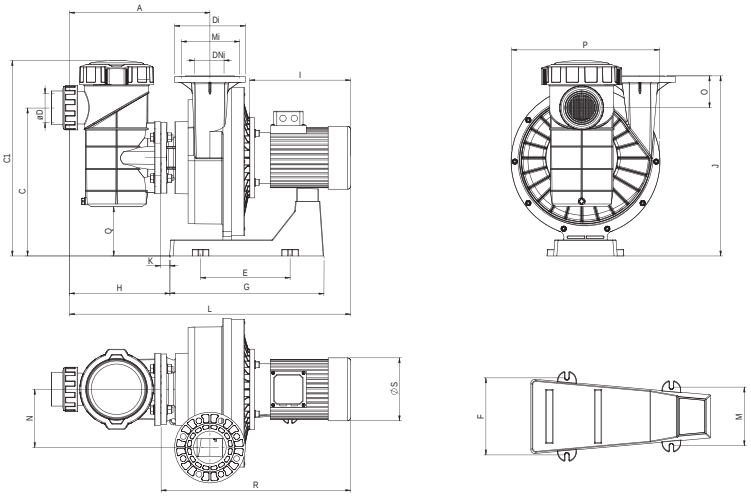
ASTRALPOOL

High performance plastic self-priming pump for high flow rates (1500 rpm).

- 3 power modes: 3 HP, 4 HP and 5.5 HP.
- Low sound level: as low as 59 dBA.
- Hydraulic efficiency without prefilter 78% (as per ISO 9906 standard).
- High quality mechanical seal for salt water.
- IEC high efficiency motors (IE3).
- Standard motor shaft (compatibility with any pump manufacturer).
- Pump comes with pre-filter (in 2 packages: pump + prefilter).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Kivu 3 HP 230/400V 50Hz + prefilter	66047	1	56.4	0.35
Kivu 3 HP 400/690V 50Hz + prefilter	63042	1	56.4	0.35
Kivu 4 HP 230/400V 50Hz + prefilter	66048	1	59.4	0.35
Kivu 4 HP 400/690V 50Hz + prefilter	63043	1	59.4	0.35
Kivu 5.5 HP 230/400V 50Hz + prefilter	66049	1	66.4	0.35
Kivu 5.5 HP 400/690V 50Hz + prefilter	63044	1	66.4	0.35

Optional:
60 Hz pumps (code XXXX-0810).

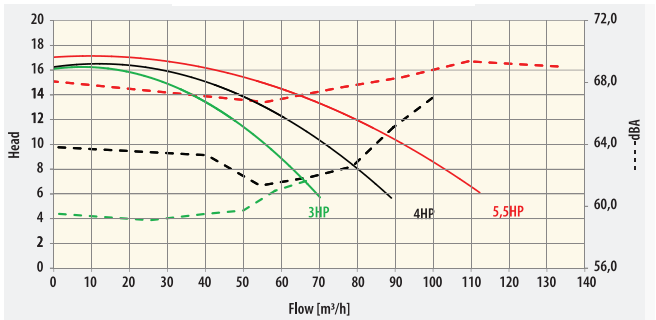


TECHNICAL FEATURES

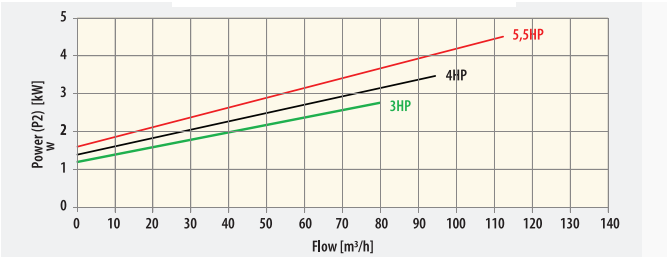
Code	Power	A	D	DI	DNi	C	C1	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	Ma	Mi
	HP	mm																					
63042 66047	3	440	90	220	100 - 4"	462	610	279	206	480	313	320	561	29.5	882	157	181.5	100	460	154	590	-	180
63043 66048	4	440	90	220	100 - 4"	462	610	279	206	480	313	320	561	29.5	882	157	181.5	100	460	154	590	-	180
63044 66049	5.5	440	90	220	100 - 4"	462	610	279	206	480	313	345	561	156	906	157	181.5	100	460	154	621	-	180

PERFORMANCE CURVES WITHOUT PREFILTER

Pressure/Flow rate



Power/Flow rate



CENTRIFUGAL PUMPS



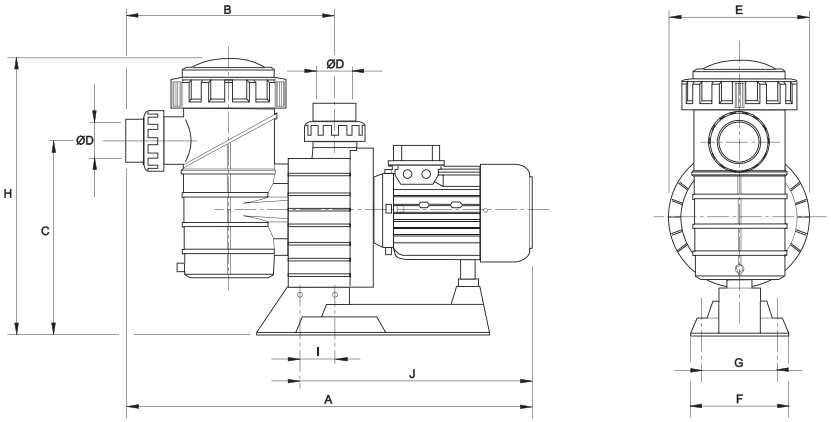
MAXIM

ASTRALPOOL

Pump body and supports in plastic, AISI-316 stainless steel motor shaft with double insulation. Motor has IP-55 protection rating. Prefilter basket with a capacity of 8 litres. Transparent prefilter lid.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Maxim 3.5 HP	08003	1	32	0.184
Maxim 4.5 HP	08004	1	34	0.184
Maxim 5.5 HP	08005	1	37	0.184

Optional:
60 Hz pumps (code XXXX-0810).

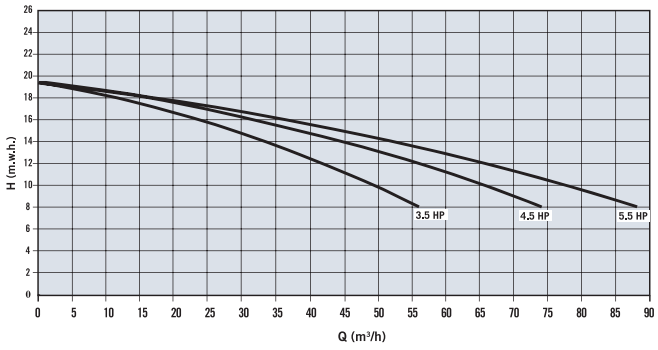


TECHNICAL FEATURES

Code	Power	Connection	Voltage	mwc					
				8	10	12	14	16	19.5
				m³/h					
08003	3.5 HP	3" threaded joint	230/400 V III	56	50	42	34	23	0
08004	4.5 HP		230/400 V III	74	66	57	46	30	0
08005	5.5 HP		230/400 V III	88	78	67	53	34	0

Model	Type	Voltage	A mm	B mm	C mm	Ø D mm	E mm	F mm	G mm	H mm	I mm	J mm
08003	3.5	230/400	815	430	385	90	287	200	140	530	65	468
08004	4.5	230/400	815	430	385	90	287	200	140	530	65	468
08005	5.5	230/400	847	430	385	90	287	200	140	530	65	500

PERFORMANCE CURVES



CENTRIFUGAL PUMPS

COLORADO with prefilter

ASTRALPOOL



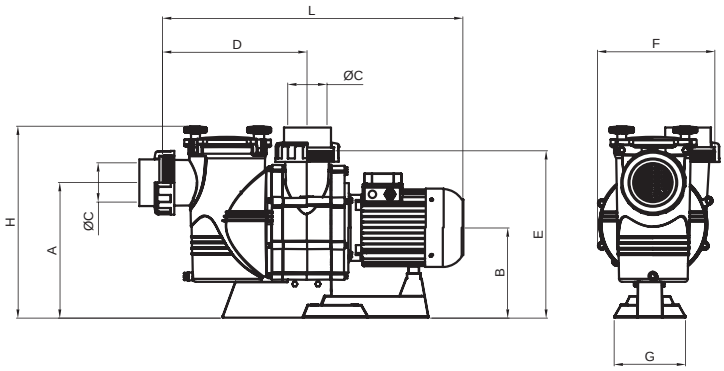
HIGH EFFICIENCY IE2 Motors Compliant

IE3 version: The same codes with suffix -320

3000 rpm plastic centrifugal electric pumps with prefilter for pools, perfect for large, low-pressure flow rates. Prefilter with transparent lid and wishbone closure; easy access. Pump bodies and prefilter manufactured in fibreglass-reinforced polypropylene. Plastic turbine. Pump shaft and prefilter basket in stainless steel. IE2 motors with 3000 rpm IP-55 protection at 230/400 V or 400/690 V and 50 Hz. From 4 HP to 12.5 HP.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
4 HP. 230/400 V	44706-120	1	56	0.252
5.5 HP. 230/400 V	44707-120	1	56	0.252
7.5 HP. 230/400 V	44708-120	1	57	0.252
7.5 HP. 400/690 V	44709-120	1	57	0.252
10 HP. 230/400 V	44710-120	1	68	0.252
10 HP. 400/690 V	44711-120	1	68	0.252
12.5 HP, 230/400 V	44712-120	1	72	0.252
12.5 HP, 400/690 V	44713-120	1	72	0.252

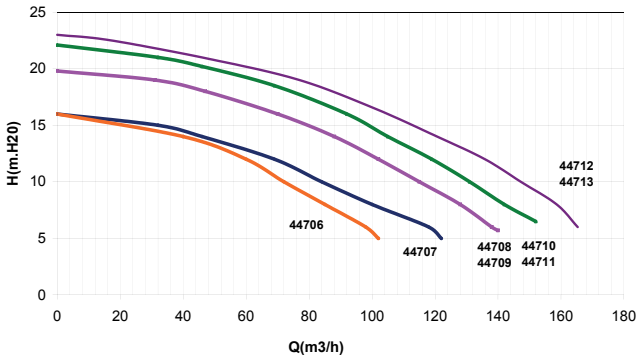
Possibility of placing orders with the following variations:
- bronze turbine
- stainless steel turbine (AISI 316-L).
- Viton mechanical seals.



TECHNICAL FEATURES

Code	VOLTAGE (V)	Power		Dimensions (mm)								
		kW	HP	A	B	ØC	D	E	F	G	H	L
44706-120	230/400	2.9	4	375	255	90	405	470	330	200	535	820
44707-120	230/400	4	5.5	375	255	110	405	470	330	200	535	840
44708-120	230/400	5.5	7.5	375	255	110	405	470	330	200	535	840
44709-120	400/690											
44710-120	230/400	7.4	10	375	255	110	405	470	330	200	535	910
44711-120	400/690											
44712-120	230/400	9.2	12.5	375	255	110	405	470	330	200	535	955
44713-120	400/690											

PERFORMANCE CURVES



CENTRIFUGAL PUMPS



HIGH EFFICIENCY IE 2 Motors Compliance

IE3 version: The same codes with suffix -320

COLORADO without prefilter

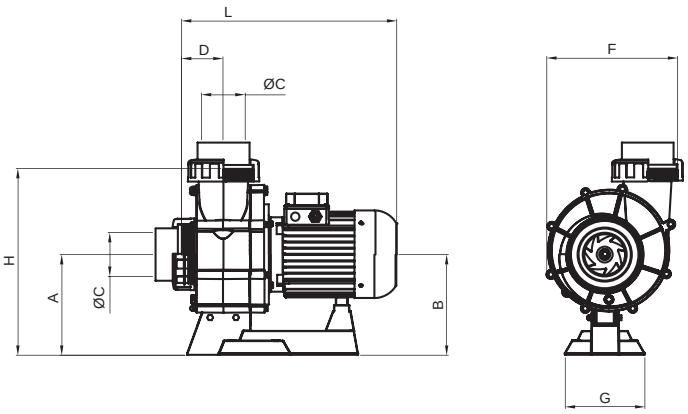
ASTRALPOOL

3000 rpm plastic centrifugal electric pumps with no prefilter for pools, perfect for large, low-pressure flow rates. Pump bodies manufactured in fibreglass-reinforced polypropylene. Plastic turbine. Stainless steel pump shaft. IE2 motors with 3000 rpm IP-55 protection at 230/400 V or 400/690 V and 50Hz. From 7.5 HP to 12.5 HP.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
4 HP. 230/400 V	44714-120	1	39	0.166
4 HP. 230/400 V	44715-120	1	44	0.166
7.5 HP. 230/400 V	44716-120	1	50	0.166
7.5 HP. 400/690 V	44717-120	1	50	0.166
10 HP. 230/400 V	44718-120	1	61	0.166
10 HP. 400/690 V	44719-120	1	61	0.166
12.5 HP, 230/400 V	44720-120	1	65	0.166
12.5 HP, 400/690 V	44721-120	1	65	0.166

Possibility of placing orders with the following variations:
- bronze turbine
- stainless steel turbine (AISI 316-L).
- Viton mechanical seals.

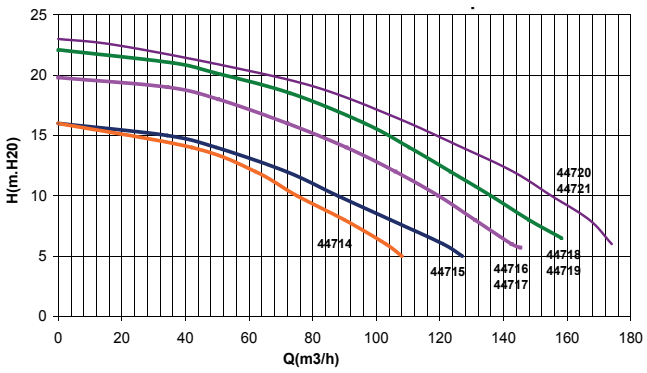
Available in power modes from 4 to 12.5 HP.



TECHNICAL FEATURES

Code	VOLTAGE (V)	Power		Dimensions (mm)							
		kW	HP	A	B	ØC	D	F	G	H	L
44714-120	230/400	2.9	4	255	255	90	105	330	200	470	510
44715-120	230/400	4	5.5	355	355	110	105	330	200	470	530
44716-120	230/400	5.5	7.5	255	255	110	105	330	200	470	530
44717-120	400/690										
44718-120	230/400	7.4	10	255	255	110	105	330	200	470	600
44719-120	400/690										
44720-120	230/400	9.2	12.5	255	255	110	105	330	200	470	645
44721-120	400/690										

PERFORMANCE CURVES



CENTRIFUGAL PUMPS

KIVU

ASTRALPOOL



Kivu Pump



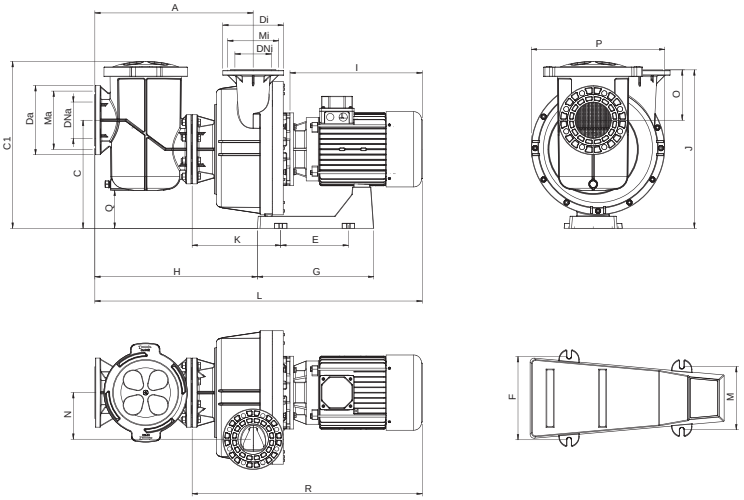
Kivu pump
Side view

Optional:
60 Hz pumps (code XXXX-0810).

High performance plastic centrifugal pump for public pools that works at 1500 rpm.

- 3 power modes: 7.5 HP, 10 HP and 15 HP.
- Low sound level: as low as 66 dBA.
- Hydraulic efficiency without prefilter 85% (9906 ISO standard).
- High quality mechanical seal for salt water.
- IEC high efficiency motors (IE3).
- Standard motor shaft (compatibility with any pump manufacturer).
- Product with GS marking.
- Pump comes with pre-filter (in 2 packages: pump + prefilter).

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Kivu 7.5 HP 230/400 V 50Hz + prefilter	56633	1	107.4	0.43
Kivu 7.5 HP 400/690 V 50Hz + prefilter	56634	1	107.4	0.43
Kivu 10 HP 230/400 V 50Hz + prefilter	56635	1	117.9	0.45
Kivu 10 HP 400/690 V 50Hz + prefilter	56637	1	117.9	0.45
Kivu 15 HP 230/400 V 50Hz + prefilter	56638	1	151.2	0.49
Kivu 15 HP 400/690 V 50Hz + prefilter	56639	1	151.2	0.49

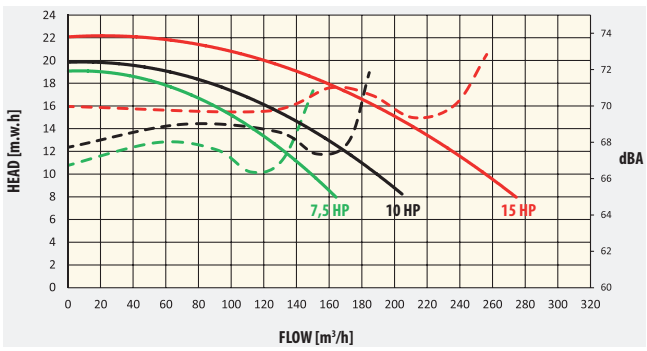


TECHNICAL FEATURES

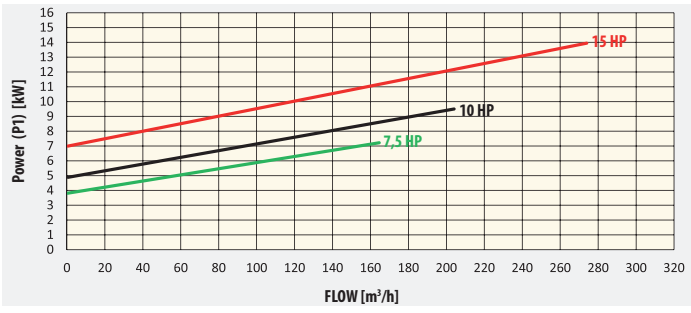
Code	Power	A	DA	DI	DNA	DNi	C	C1	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	Ma	Mi
	HP	mm																						
56633 56634	7.5	653	285	250	150 - 6"	125 - 5"	446	688	279	206	290	540	410	653	141	1215	157	192	208	550	157	815	240	210
56635 56637	10	653	285	250	150 - 6"	125 - 5"	446	688	279	206	290	540	445	653	141	1250	157	192	208	550	157	850	240	210
56638 56639	15	653	285	250	150 - 6"	125 - 5"	446	688	279	206	290	670	510	653	271	1315	157	192	208	550	157	915	240	210

PERFORMANCE CURVES WITHOUT PREFILTER

Pressure/Flow rate



Power/Flow rate



CENTRIFUGAL PUMPS



ARAL C-3000

Made in cast iron. Mechanical seal in stainless steel. IP-54 motor protection. AISI-316 stainless steel shaft. With stainless steel AISI-304 strainer basket and prefilter. 3000 rpm.

Connections PN 16 according to DIN 2501. Also available with bronze impeller.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Aral C-3000 3 HP	01193	1	71	0.162
Aral C-3000 4 HP	01195	1	74	0.162
Aral C-3000 5.5 HP DN 80-3"	01197	1	80	0.162
Aral C-3000 5.5 HP DN 100-4"	01199	1	89	0.197
Aral C-3000 7.5 HP	01201	1	113	0.197
Aral C-3000 10 HP	01203	1	115	0.197
Aral C-3000 12.5 HP	01205	1	115	0.197
Aral C-3000 15 HP	01207	1	121	0.197

Optional:
60 Hz pumps (code XXXX-0810).

230 V valid for voltages between 220 & 240 V
400 V valid for voltages between 380 & 420 V
690 V valid for voltages between 660 & 720 V

More technical specifications on the next page

TECHNICAL FEATURES

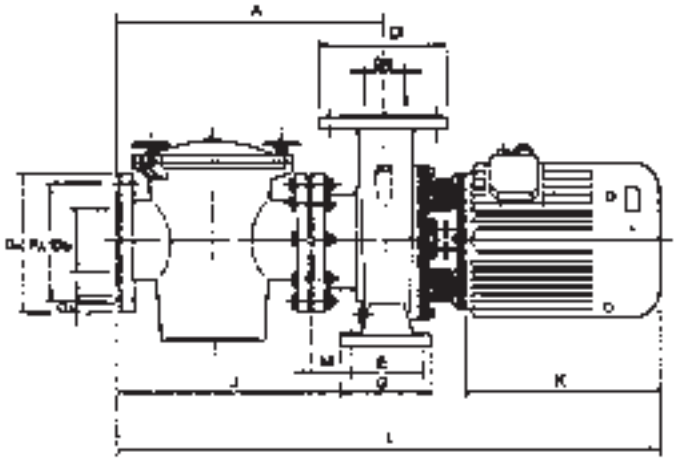
Code	Power	Connection	Voltage	mwc									
				8	10	12	14	16	18	19	20	21	22
				m^3/h									
01193	2.20 kW (3 HP)	DN 90-3"	230/400 V III	59	54	46	40	30	0				
01195	2.95 kW (4 HP)	DN 80-3"	400/690 V III	67	61	55	48	40	n/a	0			
01197	4.00 kW (5.5 HP)	DN 80-3"	400/690 V III	78	72	66	60	52	n/a	n/a	0		
01199	4.00 kW (5.5 HP)	DN 100-4"	400/690 V III	100	89	70	60	48	n/a	n/a	0		
01201	5.50 kW (7.5 HP)	DN 100-4"	400/690 V III	126	115	100	80	60	n/a	0			
01203	7.50 kW (10 HP)	DN 100-4"	400/690 V III	145	140	123	107	86	n/a	n/a	0		
01205	9.20 kW (12.5 HP)	DN 125-5"	400/690 V III	165	158	149	135	115	n/a	n/a	n/a	0	
01207	11.04 kW (15 HP)	DN 125-5"	400/690 V III	195	190	175	160	140	n/a	n/a	n/a	n/a	0

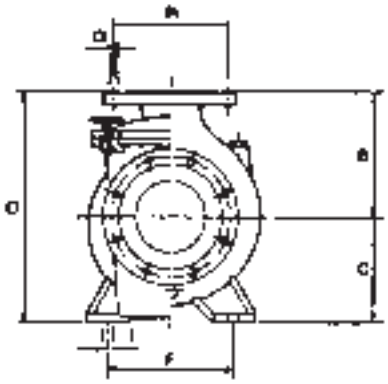
CENTRIFUGAL PUMPS

ARAL C-3000

ASTRALPOOL

TECHNICAL FEATURES





Code	Voltage V	Intensity		Power		Suction connection					Return connection				
		III 230 V	III 400 V	kW	HP	DA (mm)	DNA	PA (mm)	QA		Di (mm)	DNi	Pi (mm)	Qi	
									N°	Ø (mm)				N°	Ø (mm)
01193	230/400	9	5.2	2.20	3	200	80-3"	160	8	18	200	80-3"	160	8	18
01195	400/690	-	7	2.95	4	200	80-3"	160	8	18	200	80-3"	160	8	18
01197	400/690	-	9.1	4	5.5	200	80-3"	160	8	18	200	80-3"	160	8	18
01199	400/690	-	9.1	4	5.5	220	100-4"	180	8	18	220	100-4"	180	8	18
01201	400/690	-	11	5.5	7.5	220	100-4"	180	8	18	220	100-4"	180	8	18
01203	400/690	-	15	7.5	10	220	100-4"	180	8	18	220	100-4"	180	8	18
01205	400/690	-	22	9.2	12.5	250	125-5"	210	8	18	220	100-4"	210	8	18
01207	400/690	-	22.5	11.04	15	250	125-5"	210	8	18	250	125-5''	210	8	18

Code	Power		Dimensions (mm)											
	kW	HP	A	B	C	E	F	G	I	J	K	L	M	O
01193	2.20	3	485	180	160	70	212	100	14	435	245	888	65	340
01195	2.95	4	485	180	160	70	212	100	14	435	245	888	65	340
01197	4	5.5	485	180	160	70	212	100	14	435	273	920	65	340
01199	4	5.5	487	205	160	95	187	125	14	425	273	940	55	365
01201	5.5	7.5	487	205	160	95	187	125	14	425	315	976	55	365
01203	7.5	10	487	205	160	95	187	125	14	425	315	976	55	365
01205	9.2	12.5	487	205	160	95	187	125	14	425	355	1016	55	365
01207	11.04	15	517	233	181	95	187	125	14	455	355	1029	70	365

CENTRIFUGAL PUMPS



ARAL C-1500

Made in cast iron. Mechanical seal in stainless steel. IP-54 motor protection. Stainless steel AISI- 316 shaft. With stainless steel (AISI-304 11 L - AISI-316 37 L) strainer basket. Connections PN 16 according to DIN 2501. 1,450 rpm. Connections PN 16 according to DIN 2501.

Connections PN 16 according to DIN 2501.

Also available with bronze impeller.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Aral C-1500 4 HP	01210	1	115.0	0.195
Aral C-1500 5.5 HP DN 80-3"	01212	1	142.0	0.195
Aral C-1500 7.5 HP	01216	1	170.0	0.407
Aral C-1500 10 HP	01218	1	179.0	0.407
Aral C-1500 12.5 HP	01220	1	215.0	0.407
Aral C-1500 15 HP	01222	1	245.0	0.407
Aral C-1500 20 HP	01224	1	255.0	0.407
Aral C-1500 25 HP	01226	1	255.0	0.407

Optional:
60 Hz pumps (code XXXX-0810).

400 V valid for voltages between 380 & 420 V
690 V valid for voltages between 660 & 720 V

More technical specifications on the next page

TECHNICAL FEATURES

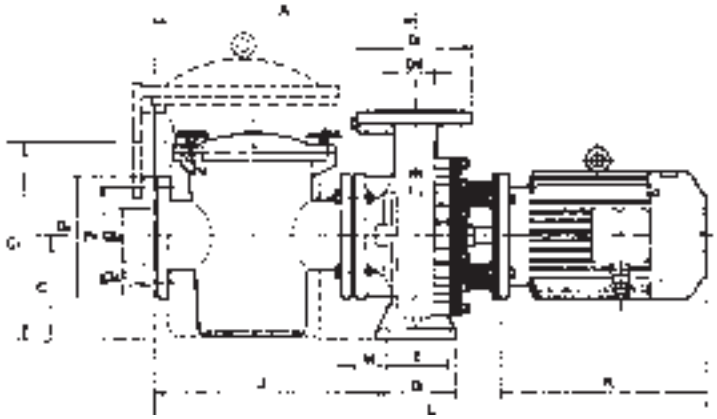
Code	Power	Suction Connection	Connection Return	Voltage	mwc					
					10	12	14	16	18	20
					m^3/h					
01210	3.00 kW (4 HP)	DN 80-3"	DN 65-2½"	400/690 V III	68	60	45	0	0	0
01212	4.00 kW (5.5 HP)	DN 80-3"	DN 65-2½"	400/690 V III	88	80	70	58	0	0
01216	5.50 kW (7.5 HP)	DN 100-4"	DN 80-3"	400/690 V III	115	101	87	70	0	0
01218	7.50 kW (10 HP)	DN 100-4"	DN 80-3"	400/690 V III	150	140	125	115	NA	0
01220	9.20 kW (12.5 HP)	DN 125-5"	DN 100-4"	400/690 V III	192	175	155	130	NA	0
01222	11 kW (15 HP)	DN 125-5"	DN 100-4"	400/690 V III	200	185	165	145	125	95
01224	15.00 kW (20 HP)	DN 150-6"	DN 125-5"	400/690 V III	240	210	180	145	105	0
01226	18.40 kW (25 HP)	DN 150-6"	DN 125-5"	400/690 V III	275	258	234	202	169	120

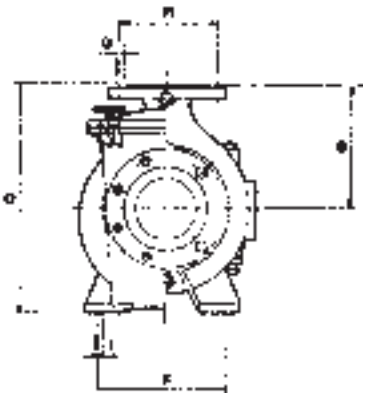
CENTRIFUGAL PUMPS

ARAL C-1500

ASTRALPOOL

TECHNICAL FEATURES





Code	Voltage V	Intensity		Power		Suction connection					Return connection				
		III 230 V	III 400 V	kW	HP	DA (mm)	DNA	PA (mm)	QA		Di (mm)	DNi	Pi (mm)	Qi	
									N°	Ø (mm)				N°	Ø (mm)
01210	400/690	–	7	3	4	200	80-3"	160	8	18	185	65-2½"	145	4	18
01212	400/690	–	9.7	4	5.5	200	80-3"	160	8	18	185	65-2½"	145	4	18
01216	400/690	–	12.3	5.5	7.5	220	100-4"	180	8	18	200	80-3"	160	8	18
01218	400/690	–	16.4	7.5	10	220	100-4"	180	8	18	200	80-3"	160	8	18
01220	400/690	–	19	9.20	12.5	250	125-5"	210	8	18	220	100-4"	180	8	18
01222	400/690	–	24	11	15	250	125-5"	210	8	18	220	100-4"	180	8	18
01224	400/690	–	32	15	20	285	150-6"	240	8	22	250	125-5"	210	8	18
*01226	400/690	–	36	18.40	25	285	150-6"	240	8	22	250	125-5"	210	8	18

Code	Power		Dimensions (mm)												
	kW	HP	A	B	C	C1	E	F	G	I	J	K	L	M	O
01210	2.95	4	482	225	180	–	95	250	125	14	419	310	880	50	405
01212	4	5.5	484	253	196	–	120	280	162	18	403	333	967	34	449
01216	5.5	7.5	514	282	193	–	120	315	162	18	433	410	1072	69	486
01218	7.5	10	514	282	193	–	120	315	162	18	433	450	1112	69	486
01220	9.20	12.5	522	280	224	–	120	315	162	18	441	450	1128	77	504
01222	11	15	522	280	224	–	120	315	162	18	441	490	1188	77	504
01224	*15	20	747	356	255	507	120	315	158	18	668	520	1438	87	611
01226	*18.40	25	747	356	255	507	120	315	158	18	668	555	1473	87	611

*With strainer 37 l

STRAINERS



STRAINER in polypropylene and fibreglass

ASTRALPOOL

Flanges drilled according to DIN-2501 Standard. Supplied with 3 piece coupling at the inlet. 8 litre capacity.

Inlet size: Ø 90 mm and outlet Ø 110 mm.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Strainer	09879	1	8.4	0.098



STRAINER in polyester and fibreglass 33 l capacity

ASTRALPOOL

Flanges drilled according to DIN-2501 Standard. Hoop type clamp. Drain plug. Maximum working pressure: 1.5 bar.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
33 l Capacity				
Connections Ø 90 mm, 37 m^3/h	04656	1	27	0.180
Connections Ø 110 mm, 55 m^3/h	04657	1	27	0.180
Connections Ø 125 mm, 72 m^3/h	04658	1	27	0.180
Connections Ø 140 mm, 90 m^3/h	04659	1	27	0.180



STRAINER in polyester and fibreglass 60 l capacity

ASTRALPOOL

Flanges drilled according to DIN-2501 Standard. Hoop type clamp. Drain plug. Maximum working pressure: 1.5 bar.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
60 l Capacity				
Connections Ø 160 mm, 118 m^3/h	10886	1	39	0.357
Connections Ø 200 mm, 184 m^3/h	10887	1	39	0.357
Connections Ø 225 mm, 233 m^3/h	10888	1	39	0.357

STRAINERS



STRAINER in polyester and fibreglass
with sight glass lid 33 l capacity

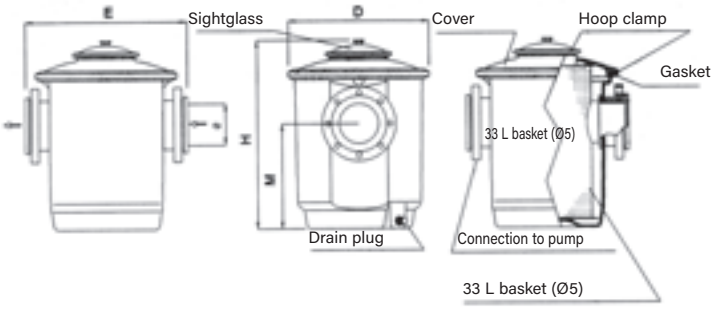
ASTRALPOOL

Flanges drilled according to DIN-2501 Standard. Hoop type clamp. Drain plug. Maximum working pressure: 1.5 bar.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
33 l Capacity				
Connections Ø 90 mm, 37 m³/h	15644	1	27	0.180
Connections Ø 110 mm, 55 m³/h	15645	1	27	0.180
Connections Ø 125 mm, 72 m³/h	15646	1	27	0.180
Connections Ø 140 mm, 90 m³/h	15647	1	27	0.180
Strainer 3'', 37 m³/h	15648	1	27	0.180
Strainer 4'', 55 m³/h	15649	1	27	0.180

TECHNICAL FEATURES

Code	15644	15645	15646	15647	15648	15649
H	635	635	635	635	635	635
D	475	475	475	475	475	475
M	353	353	353	353	353	353
Ø	90	110	125	140	3"	4"
E	500	516	532	546	500	516



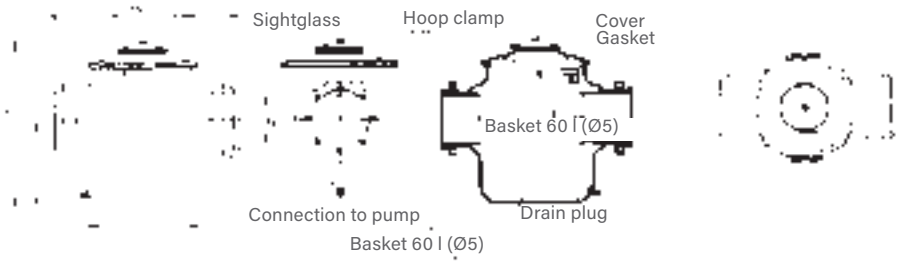


STRAINER in polyester and fibreglass
with sight glass lid 60 l capacity

ASTRALPOOL

Flanges drilled as per DIN-2501 Standard. Hoop type clamp. Drain plug. Maximum working pressure: 1.5 bar.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
60 l Capacity				
Connections Ø 160 mm. 118 m³/h	15650	1	39	0.357
Connections Ø 200 mm. 174 m³/h	15651	1	39	0.357
Connections Ø 225 mm. 233 m³/h	15652	1	39	0.357
Strainer 6''. 118 m³/h	15653	1	39	0.357
Strainer 8''. 233 m³/h	15654	1	39	0.357



STRAINERS



KIVU STRAINERS

ASTRALPOOL

Flanges drilled to standard DIN-2501. Quick closing lid. Polypropylene basket. Drain plug. Maximum working pressure 1.5 bar.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
25 l Capacity				
6" Connections DN 150	56733	1	9.9	0.08



ASTRAMAX STRAINERS

ASTRALPOOL

Strainer for Astramax pump. Body in ABS and fibreglass. With transparent lid and anti-corrosive strainer basket. Suction 2¼" male thread. Connection to pump 2¾" female thread.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Strainer Astramax pump	16104	1	1.5	0.017



Aral 11 l



Aral 37 l

ARAL STRAINERS

ASTRALPOOL

Housing and cover in cast iron. AISI-304 Stainless Steel Strainer basket. Flange connection are manufactured in accordance with DIN-2501 Standard. Maximum working pressure 2.5 bar.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
11 l Capacity				
Flanges DN 65 (2½") DN 65 (2½")	20026	1	35	0.051
Flanges DN 80 (3") DN 80 (3")	20028	1	35	0.051
Flanges DN 100 (4") DN 100 (4")	20029	1	35	0.051
Flanges DN 125 (5") DN 125 (5")	20030	1	35	0.051
Flanges DN 80 (3") DN 65 (2½")	20031	1	35	0.051
Flanges DN100 (4") DN 80 (3")	20032	1	35	0.051
Flanges DN 125 (5") DN 100 (4")	20033	1	35	0.051
37 l Capacity				
Flanges DN 150 (6") DN 150 (6")	01268	1	129	0.319

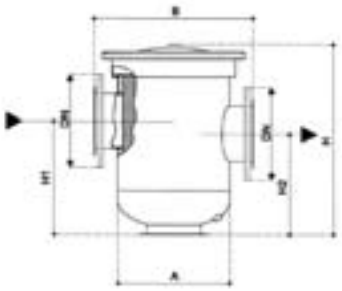
STRAINERS



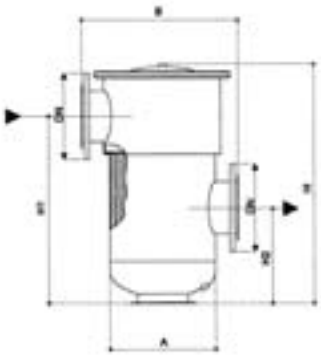
STRAINERS IN STAINLESS STEEL

With removable basket. Housing in AISI-304 and strainer basket in AISI-316. Models come in varying diameters to suit pump suctions (impeller protection). Rough straining for different installations.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
S.S. strainer DN 100 with PVC flange	21461	1	17.6	0.06
S.S. strainer DN 100 TF with PVC flange	21462	1	21.6	0.09
S.S. strainer DN 125 with PVC flange	21463	1	19.0	0.06
S.S. strainer DN 125 TF with PVC flange	21464	1	23.0	0.09
S.S. strainer DN 150 with PVC flange	21465	1	24.8	0.08
S.S. strainer DN 150 TF with PVC flange	21466	1	31.0	0.13
S.S. strainer DN 200 with PVC flange	21467	1	25.4	0.08
S.S. strainer DN 200 TF with PVC flange	21468	1	31.6	0.13



STANDARD model



TF model

TECHNICAL FEATURES

Code	Diameter		Pressure (bar)	External volume					Interior basket				Total weight
	Input connection	Relief		Dimensions (mm)					Material	Dimensions (mm)			
				A	B	H	H1	H2		Ø	H	Perforation	
21461	DN 100	½"	3	292	410	520	294	254	AISI 316	270	350	6 mm	17.6
21462	DN 100	½"	3	292	425	735	593	308	AISI 316	270	415	6 mm	21.6
21463	DN 125	½"	3	292	410	520	294	254	AISI 316	270	350	6 mm	19.0
21464	DN 125	½"	3	292	425	735	593	308	AISI 316	270	415	6 mm	23.0
21465	DN 150	½"	3	350	450	520	294	254	AISI 316	320	350	6 mm	24.8
21466	DN 150	½"	3	350	470	775	595	295	AISI 316	320	415	6 mm	31.0
21467	DN 200	½"	3	350	450	520	294	254	AISI 316	320	350	6 mm	25.4
21468	DN 200	½"	3	350	470	775	595	295	AISI 316	320	415	6 mm	31.6

VALVES AND HOSES



CHECK VALVES

Nominal pressure 10 kg/cm². Mounted between flanges. Available in PN 16 and PN 25 under special order.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Outlets Ø 50 mm	20239	1	–	–
Outlets Ø 65 mm	20240	1	–	–
Outlets Ø 80 mm	20241	1	–	–
Outlets Ø 100 mm	20242	1	–	–
Outlets Ø 125 mm	20243	1	–	–
Outlets Ø 150 mm	20244	1	–	–
Outlets Ø 200 mm	20245	1	–	–
Outlets Ø 250 mm	20246	1	–	–



VIBRATION ABSORBENT BRUSHING

Flanges in galvanized steel. Elastic material: Polychloroprene. Maximum temperature: 95° C. Nominal pressure: 10 kg/cm² (PN/10).

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Outlets Ø 50 mm	20231	1	–	–
Outlets Ø 65 mm	20232	1	–	–
Outlets Ø 80 mm	20233	1	–	–
Outlets Ø 100 mm	20234	1	–	–
Outlets Ø 125 mm	20235	1	–	–
Outlets Ø 150 mm	20236	1	–	–
Outlets Ø 200 mm	20237	1	–	–
Outlets Ø 250 mm	20238	1	–	–



AIR BLOWERS

Air pump designed for spas, baths, hydromassage installations and similar which produces a constant stream of air bubbles at medium and high air volume levels. It can also be used to stir up the filter bed, for example in back wash cycles where a low intensity air current is required.

The filter casing and impeller are made from an injected aluminium alloy whilst the motor spindle is manufactured from stainless steel, with the impeller dynamically balanced and directly adapted to the spindle. The motors, single phase or 3 phase for continuous use, are made from steel in compliance with CEI 2/3 1988 regulations, and feature IP54 external protection and class-F insulation. The standard voltages are100-120/200-240V for the monophase range and 200-240/380-440V for the triphase models, at 50/60Hz. The pumps can be mounted horizontally or vertically. Moreover, since there is no contact between the mobile parts and the pump static discharges, neither lubrication nor maintenance is necessary and it does not cause wear on the parts.

The turbines have a maximum working temperature of 40°C. Do not use in conjunction with aggressive, inflammable or explosive gases.

TECHNICAL FEATURES

Model	Code	Frequency (Hz)	Voltage (V)	Phase	Flow rate (m^3/h)	Max. Pressure (mbar)	Standard Weight kg	Standard Volume m^3
Blower 0.4 kW	33970-2450	50	Δ 200-240 Y 345-415	3	80	130	10	0.045
Blower 0.5 kW		60	Δ 220-275 Y 380-480	3	98	170		
Blower 0.85 kW	35388-2450	50	200-240	1	145	160	17	0.059
Blower 0.95 kW		60	200-240	1	175	160		
Blower 0.85 kW	35387-2450	50	Δ 200-240 Y 345-415	3	145	160	16	0.045
Blower 0.95 kW		60	Δ 220-275 Y 380-480	3	175	160		
Blower 1.3 kW	31090-2450	50	200-240	1	210	170	23	0.059
Blower 1.5 kW		60	200-240	1	255	140		
Blower 1.3 kW	31091-2450	50	Δ 200-240 Y 345-415	3	210	170	22	0.059
Blower 1.5 kW		60	Δ 220-275 Y 380-480	3	255	140		
Blower 1.5 kW	33971-2450	50	200-240	1	210	220	24	0.064
Blower 1.75 kW		60	200-240	1	255	220		
Blower 1.6 kW	31092-2450	50	Δ 200-240 Y 345-415	3	210	220	23	0.064
Blower 2.1 kW		60	Δ 220-275 Y 380-480	3	255	220		
Blower 1.6 kW 2V	35389-2450	50	Δ 200-240 Y 345-415	3	150	300	25	0.087
Blower 2.06 kW 2V		60	Δ 220-275 Y 380-480	3	180	310		
Blower 2.2 kW	31093-2450	50	Δ 200-240 Y 345-415	3	318	230	30	0.097
Blower 2.55 kW		60	Δ 220-275 Y 380-480	3	376	220		
Blower 3.0 kW 2V	31094-2450	50	Δ 200-240 Y 345-415	3	230	410	40	0.126
Blower 3.45 kW 2V		60	Δ 220-275 Y 380-480	3	275	400		
Blower 3.0 kW	31095-2450	50	Δ 200-240 Y 345-415	3	318	280	36	0.097
Blower 3.45 kW		60	Δ 220-275 Y 380-480	3	376	280		
Blower 4.3 kW 2V	31096-2450	50	Δ 345-415 Y 600-720	3	520	600	54	0.217
Blower 4.8 kW 2V		60	Δ 380-480 Y 660-720	3	385	320		
Blower 5.5 kW	31097-2450	50	Δ 345-415 Y 600-720	3	530	320	63	0.16
Blower 6.3 kW		60	Δ 380-480 Y 660-720	3	620	340		
Blower 5.5 kW 2V	33972-2450	50	Δ 345-415 Y 600-720	3	320	515	66	0.201
Blower 6.3 kW 2V		60	Δ 380-480 Y 660-720	3	385	530		
Blower 7.5 kW	31098-2450	50	Δ 345-415 Y 600-720	3	530	400	66	0.16
Blower 8.6 kW		60	Δ 380-480 Y 660-720	3	620	400		
Blower 11 kW 2V	33973-2450	50	Δ 345-415 Y 600-720	3	520	600	104	0.353
Blower 12.6 kW 2V		60	Δ 380-480 Y 660-720	3	620	600		
Blower 12.5 kW	33974-2450	50	Δ 345-415 Y 600-720	3	1050	270	116	0.353
Blower 14.5 kW		60	Δ 380-480 Y 660-720	3	1250	260		





WATER TREATMENT PRODUCTS

189 POOL CHEMICALS ASTRALPOOL

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YOUR POOL CARE STARTS HERE



New AstralPool range
MAINTENANCE
THE 6 STEPS TO MAINTAIN YOUR POOL

M

BALANCE 1 adjust water parameters (pH and alkalinity)
DISINFECTION 2 add chlorine
ALGICIDE 3 algae prevention
FLOCCULANT 4 keep water clean and clear
CLEANERS 5 cleaning of pool elements
WINTER CARE 6 to maintain your pool in Winter

A GOOD MAINTENANCE IS THE BEST SOLUTION

However if something unexpected happens, RELAX!

CLOUDY WATER?
GREEN WATER OF ALGAE?
ITCHY EYES AND SMELL OF CHLORINE?
UNESTABLE PH?

S

New AstralPool range
SOLUTION
PREPARED FOR THE UNEXPECTED



Range
MAINTENANCE
or SOLUTION

Product name + Description

Product benefits

Formats	Duration Efficacy in the water	Type of pools	Dose Dose per m^3
Granulate	1" Immediate	All pools	
Tablets	8h	pools with skimmer and sand filter	
Liquid	Daily	Special sand filter	
Concentrated liquid	10 Days	Special liner	
Powder	Recovery	Special tile	

POOL CHEMICALS ASTRALPOOL

REGULATORS

For minimum amounts, ask your dealer



SOLID PH MINOR

Solid pH reducer. For adjusting the pH to between 7.2 and 7.6.

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Square packaging	**5 kg**	74651	4	720	-
Special product under order	-	-	-	-	-



SOLID PH PLUS

Solid pH enhancer. For adjusting the pH to between 7.2 and 7.6.

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Square packaging	**5 kg**	74896	4	720	-
Special product under order	-	-	-	-	-



LIQUID PH MINOR

Liquid pH reducer. Ideal for dosing with a pump.

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For professional use only	**10 l**	43290	1	400	-
For professional use only	**20 l**	73140	1	600	-



LIQUID PH PLUS

Liquid pH enhancer. Ideal for dosing with a pump.

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m³
	20 l	74863	1	600	-



ALKALINITY ENHANCER

Powder for increasing water alkalinity when it falls below 125 ppm.

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Square packaging	**6 kg**	15976	4	864	-
Special product under order	-	-	-	-	-

POOL CHEMICALS ASTRALPOOL

DISINFECTANTS

For minimum amounts, ask your dealer



CHLORINE SHOCK GRANULATE

Dichloride granules with 55% free available chlorine.

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Square packaging	**5 kg**	11394	4	720	-
Special product under order	**25 kg**	-	-	-	-



CHLORINE LENT GRANULATE

Trichloride granules with 90% free available chlorine.

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	30 kg	11406	1	540	-



CHLORINE LENT 250G TABLETS

Slow-dissolving 250 g trichloride blocks with 90% free available chlorine.

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	25 kg	75163	1	450	-

These new codes only affect new formulas with low boric (European legislation)

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS ASTRALPOOL

DISINFECTANTS

For minimum amounts, ask your dealer



MULTI-ACTION GRANULES

ASTRALPOOL

Granules that act as a bactericide, algicide and flocculant.

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	30 kg	15985	1	540	-



MULTI-ACTION 250-G TABLET

ASTRALPOOL

Slow-dissolving, 250 g tablet that acts as an algicide, bactericide and flocculant.

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Square packaging	**5 kg**	75160	4	720	-
	25 kg	75161	1	450	-

These new codes only affect new formulas with low boric (European legislation)



BROMINE TABLETS

ASTRALPOOL

Slow-dissolving 20 g bromine tablets for the continuous disinfection of pools and spas. Does not smell of chlorine. High tolerance to pH levels. Powerful disinfectant and oxidising agent.

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	20 kg	28740	1	540	-



CHLORINE STABILIZER

ASTRALPOOL

Prevents the rapid breakdown of chlorine by the sun's UV rays.

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	4.5 kg	72812	4	480	-

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

For minimum amounts, ask your dealer

POOL CHEMICALS ASTRALPOOL

ALGICIDES





ALGICIDE

Prevents the formation of algae in pools.

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
25 l	11418	1	600	-





ALGICIDE WITH BRIGHTENER

A powerful bactericide, algicide and fungicide.

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
25 l	11415	1	600	-

POOL CHEMICALS ASTRALPOOL

FLOCCULANTS





LIQUID FLOCCULANT

Clarifies water by eliminating the colloidal particles that cause cloudiness in water.

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
25 l	11389	1	600	-

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS ASTRALPOOL

CLEANERS

For minimum amounts, ask your dealer



SURFACE CLEANER

ASTRALPOOL

Extra strong descaler. Acid.

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	25 l	11392	1	600	-



SURFACE CLEANER

for polyester and fibreglass pools

ASTRALPOOL

It combats limescale and grease without damaging pool lining.

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	5 l	16558	4	640	-
Special product under order	25 l	-	-	-	-



WATER LINE DEGREASER Non-foaming

ASTRALPOOL

A specially formulated compound for removing scum and dirt from pool edges and walls, and areas around them that may require cleaning.

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	25 l	11427	1	600	-

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS ASTRALPOOL

CLEANERS

For minimum amounts, ask your dealer



NETOLINE Water line

Powerful liquid descaler with degreasing properties for cleaning the water line.

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
25 l	40934	1	600	-



LIQUID FILNET

Liquid descaler specially designed for cleaning the inside of sand filters in public pools.

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
25 l	73558	1	600	-



STAINLESS STEEL CLEANER-POLISH

Stainless steel cleaner-polish. It removes stains and degreases all types of stainless steel surfaces.

Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
5 l	72846*	4	640	-

* New codes replace old codes 18713 and 16630.

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS ASTRALPOOL

WINTERISING PRODUCTS



WINTERIZER

Prevents the proliferation of algae and bacteria in the water. Prevents water from going stagnant and the build-up of limescale. Takes the strain out of spring cleaning. Non-foaming.

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	5 l	11430	4	640	-
Special product under order	25 l	-	-	-	-



WINTERIZER COPPER FREE

Prevents water putrefaction and slows the growth of algae and bacteria. Compatible with all treatments. Including the PHMB.

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	5 l	16553	4	640	-
Special product under order	25 l	-	-	-	-

More power in each drop!
Concentrated product:
0.5 L / 40 - 50 m^3

TESTERS

POCKET GAUGES



DISSOLVED SOLIDS POCKET GAUGE

ASTRALPOOL

A small, practical pocket gauge for quickly measuring the solids dissolved in the water.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	41928	1	-	-



REDOX POCKET GAUGE

ASTRALPOOL

A small, practical pocket gauge for quickly measuring the redox level in pool water.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	28583	1	-	-



PH POCKET GAUGE

ASTRALPOOL

A small, practical pocket gauge for quickly measuring the pH level in pool water.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	43447	1	-	-



CONDUCTIVITY POCKET GAUGE

ASTRALPOOL

A small, practical pocket gauge for quickly measuring conductivity.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Range: 0.1-19.9 mS/cm.	43428	1	-	-

TESTERS

TEST KITS AND PHOTOMETERS



3-IN-1 PHOTOMETER

ASTRALPOOL

- Chlorine: 0.01–5.0 mg/l
- Isocyanuric acid 2–200 mg/l
- pH: 6.8 - 8.4

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	47189	1	1.0	0.049



6-IN-1 PHOTOMETER

ASTRALPOOL

- Chlorine range: 0.01–5.0 mg/l
- ph range: 6.8–8.4
- Isocyanuric acid 2–200 mg/l
- Calcium hardness: 5–500 mg/l
- Bromine: 0.01–5.0 mg/l
- Alkalinity: 10–500 mg/l

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	47190	1	1.0	0.049

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TESTERS

TEST KITS AND PHOTOMETERS



3-IN-1 PHOTOMETER PC TEST KIT

ASTRALPOOL

- Chlorine range: 0.05–6.0 mg/l
- ph range: 6.5–8.4
- Cyanuric acid range: 0–80.0 mg/l

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
	54567	1	1.0	0.049



POOL-CONTROL-DIRECT

ASTRALPOOL

Multiparameter photometer that enables a wide range of tests to be performed that cover all pool water readings. Intended for pool dealers.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Pool-Control-Direct	41922	1	1.9	0.023

Parameters tested (the reagents required can be ordered):

Alkalinity: 10 – 500 mg/l
Aluminium: 0.02–0.5 mg/l
Ammonia: 0.01–1.0 mg/l
Cyanuric acid: 2–200 mg/l
Biguanide: 2–100 mg/l
Bromine: 0.04–10.0 mg/l
Calcium hardness: 5–500 mg/l
Chloride: 10–500 mg/l
Free chlorine: 0.01–5.0 mg/l
Total chlorine: 0.01–5.0 mg/l
Free chlorine released: 0.01–10 mg/l
Total chlorine released: 0.01–10 mg/l
Chlorine range: 1–250 mg/l
Total copper 0.03–5.0 mg/l
Free copper: 0.03–5.0 mg/l
Total hardness: 5–500 mg/l
Phosphates: 0.03–4.0 mg/l
Iron: 0.01–1.0 mg/l
Manganese: 0.001–0.03 mg/l
Nitrates: 0.02–20 mg/l
Ozone: 0.01–2.0 mg/l
Hydrogen peroxide: 1–100 mg/l
pH: 6.8 – 8.4
Salt level: 0–10.000 mg/l
Sulphates: 5–200 mg/l



5-IN-1 PHOTOMETER PC TEST KIT

ASTRALPOOL

- Chlorine range: 0.05–6.0 mg/l
- ph range: 6.5–8.4
- Cyanuric acid range: 0–80.0 mg/l
- Alkalinity range: 5–200 mg/l
- Calcium hardness range: 50–500 mg/l

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
	54568	1	1.0	0.049



03009

PHOTOMETER REAGENTS

ASTRALPOOL

	Format	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Phenol reagent tablets (pH)	**250 units**	03019	1	0.1	0.004
DPD-1 reagent tablets	**250 units**	03009	1	0.1	0.004
DPD-3 reagent tablets	**250 units**	03014	1	0.1	0.004
MPS-OUT reagent tablets (test for the amount of chlorine in the presence of Oximines)	**250 units**	08679	1	0.1	0.004
Isocyanuric acid reagent tablets	**250 units**	08345	1	0.1	0.004
Other reagents		Consult			

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

ctx® pro

We know, we take care, we live the water.

Our formula is unique: care, technology, knowledge.
Now with a new design, clearer and more functional.



New design



- Reference
- Name of the product
- Benefits and advantages of the product
- Family & type of product
- Format of the product
- Usage guide





Everything you need for a healthy and perfect water in 4 steps:



1 Balance

Maintains water parameters at optimal levels.



2 Disinfection

Disinfects water and kills microorganisms.



3 Algicide

Prevents algae, preventing their appearance.



4 Crystal Water

Removes dirt and cloudiness, crystal clear water.

Take care of the elements of your pool for a perfect efficacy.



Cleaning products

Take care of your pool during Winter.



Winter products

And if any type of problem arises, or you need extra care, a complete range of **CTX Solutions.**



ctx® pro

The caring formula

ctxprofessional.com

POOL CHEMICALS CTX

REGULATORS



CTX 10 PH MINUS

Reduces pH values over 7.6.

- Enhances bathing comfort, preventing irritation of the eyes and mucous membranes and destruction of the skin's natural protective layer.
- Optimizes disinfectant efficacy.
- Prevents limescale.

GRANULATED	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	IMMEDIATE		150g / -0.2pH / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 10 pH Minus	5 kg	74650	4	720	-



CTX 15 PH MINUS

Reduces pH values over 7.6.

- Enhances bathing comfort, preventing irritation of the eyes and mucous membranes and destruction of the skin's natural protective layer.
- Optimizes disinfectant efficacy.
- Prevents limescale.
- Ideal for pump dosing.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	IMMEDIATE		120ml / -0.2pH / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 15 pH Minus	10 l	28399	1	600	-
CTX 15 pH Minus	20 l	17181	1	400	-

Professional use only

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS CTX

REGULATORS



CTX 20 PH PLUS

Increases pH values under 7.2.

- Enhances bathing comfort, preventing irritation of the eyes and mucous membranes, and destruction of the skin's natural protective layer.
- Optimizes disinfectant efficacy.
- Prevents metal corrosion.

GRANULATED	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	IMMEDIATE		150g / -0.2pH / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 20 pH Plus	5 kg	74895	4	720	-



CTX 25 PH PLUS

Increases pH values under 7.2.

- Enhances bathing comfort, preventing irritation of the eyes and mucous membranes, and destruction of the skin's natural protective layer.
- Optimizes disinfectant efficacy.
- Prevents metal corrosion.
- Ideal for pump dosing.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	IMMEDIATE		350ml / -0.2pH / 10m³

	Format	Code	Standard Pack	Pallet weight LT	Standard volume in m³
CTX 25 pH Plus	20 l	17182	1	480	-

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS CTX

DISINFECTANTS



CTX 200/GR CLORSHOCK

Chlorine treatment for water recovery.

- Fast-dissolving.
- High water solubility makes it quick to obtain the necessary residual chlorine amount.
- Stable chlorine, lasts longer in the water.
- Does not modify pH.

GRANULATED	EFFICACY	ALL, SPECIALLY LINER AND POLIESTER	DOSAGE
	IMMEDIATE		150g / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 200gr Clor Shock	25 kg	10905	1	450	-



CTX 300 CLORLENT

Chlorine treatment for disinfecting the pool.

- Essential for ongoing pool treatment since the disinfectant is released as the water needs it.
- Stable chlorine, lasts longer in the water.
- Suitable for shock treatments and general maintenance.

POWDER	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	DAILY		10g / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 300 ClorLent	25 kg	19194	1	450	-



CTX 300/GR CLORLENT

Chlorine treatment for disinfecting the pool.

- Essential for ongoing pool treatment since the disinfectant is released as the water needs it.
- Stable chlorine, lasts longer in the water.
- Suitable for shock treatments and general maintenance.

GRANULATED	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	DAILY		10g / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 300/gr ClorLent	25 kg	19195	1	450	-

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS CTX

DISINFECTANTS



These new codes only affect new formulas with low boric (European legislation)

CTX 370 CLORLENT

Chlorine treatment for disinfecting the pool.

- Slow-dissolving and continuous disinfection.
- Stable chlorine, lasts longer in the water.
- Dosing from the skimmer or in a floating dosing device is advised. Avoid direct contact with pools made with a polyester or vinyl liner or painted pools as it can cause discolorations.

TABLET	EFFICACY	ALL TYPES OF POOLS	DOSAGE
250g	WEEKLY		1 tablet / 25m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 370 ClorLent	25 kg	75138	1	450	-



CTX 120 HYPOCAL

Calcium hypochlorite treatment for disinfecting the pool.

- Fast-dissolving.
- Unstabilized chlorine, no cyanuric acid is added to the water.
- Suitable for shock treatments and general maintenance.

GRANULATED	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	DAILY		10g / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 120 Hypocal	25 kg	03131	1	450	-



CTX 400 CLORPROTECT

Keeps water disinfected for longer.

- Extends the disinfect action of chlorine since it prevents the rapid destruction caused by ultraviolet sunlight.
- Supplement for salt electrolysis or unstabilized chlorine treatments.
- For outdoor pools.
- Introduce the product in the skimmer or pump prefilter.

POWDER	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	IMMEDIATE		400g / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 400 ClorProtect	4.5 kg	73127	4	648	-

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS CTX

DISINFECTANTS



CTX 161 CLORLIQUID

Liquid chlorine for continuous water disinfection.

- Unstabilized chlorine, no cyanuric acid is added to the water.
- Suitable for shock treatments and general maintenance.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	DAILY		500ml / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 161 ClorLiquid	20 l	47191	1	560	-



CTX 390 MULTIACTION

Multi-action, occasional-use chlorine treatment.

- Stable chlorine, lasts longer in the water.

GRANULATED	EFFICACY	ALL, SPECIALLY TILE POOLS	DOSAGE
	DAILY		15g / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 390 Multiaction	25 kg	19196	1	450	-



CTX 342 MULTIACTION 5

Multi-action chlorine treatment for pool maintenance.

- Slow and continuous dissolution.
- Disinfection, antialgae, flocculant, coagulant, chlorine stabilizer.

TABLET	EFFICACY	ALL, SPECIALLY LINER AND POLIESTER	DOSAGE
250g	WEEKLY		1 tablet / 25m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 342 Multiaction 5	25 kg	75142	1	450	-

These new codes only affect new formulas with low boric (European legislation)

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS CTX

DISINFECTANTS



These new codes only affect new formulas with low boric (European legislation)

CTX 393 MULTIACTION 5

Multi-action chlorine treatment for pool maintenance.

- Slow and continuous dissolution.
- Disinfection, antialgae, flocculant, coagulant, chlorine stabilizer.

TABLET	EFFICACY	ALL TYPES OF POOLS	DOSAGE
250g	WEEKLY		1 tablet / 25m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 393 Multiaction 5	25 kg	75145	1	450	-



CTX 130 BROMINE

Bromine treatment to disinfect the pool.

- Very slow-dissolving and continuous disinfection.
- Pleasant bathing, no odors.
- Does not irritate eyes.

TABLET	EFFICACY	ALL TYPES OF POOLS	DOSAGE
20g	WEEKLY		1.0 - 3.0 ppm

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 130 Bromine	20 kg	27129	1	540	-

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS CTX

ALGICIDES



CTX PHOSFREE

Concentrated product to instantly remove algae-producing phosphates by inhibiting their growth.

- Prevents the appearance of algae.
- Compatible with all disinfectants.
- Enhances salt electrolysis output.
- With an easy-to-use dosing bottle.
- Phosphate concentration should be kept below 25ppb to prevent algae formation.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE
CONCENTRATED	WEEKLY		12ml / 10m³

	Format	Code	Standard Pack	Pallet LT	Standard volume in m³
CTX Phosfree		63108	12	480	-



CTX 500 ALGASTOP

Prevents algae formation and growth.

- High bactericide, algaecide, and fungicide power.
- Fast-working, long-lasting.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	WEEKLY		50ml / 10m³

	Format	Code	Standard Pack	Pallet LT	Standard volume in m³
CTX 500 Algastop	25 l	03195	1	600	-



CTX 60 ALGASTOP CRISTAL

Prevents algae formation and growth.

- Clarifies the water, increasing transparency.
- Keeps water blue.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	WEEKLY		50ml / 10m³

	Format	Code	Standard Pack	Pallet LT	Standard volume in m³
CTX 60 AlgaStop Cristal	5 l	03190	4	640	-
Special product under order	25 l	-	-	-	-

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS CTX

ALGICIDES



CTX 530 ALGASTOP ULTRA

Prevents algae formation and growth.

- High bactericide, algaecide, and fungicide power.
- Fast-working, long-lasting.
- Non-foaming, making it ideal for pools with counterflow systems or similar, water parks, etc.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	WEEKLY		25ml / 10m³

	Format	Code	Standard Pack	Pallet LT	Standard volume in m³
CTX 500C Algastop Power	25 l	03205	1	600	-

POOL CHEMICALS CTX

FLOCCULANTS



CTX 42 FLOCCULANT

Removes the particles from the water that turn it cloudy.

- Improves water transparency.
- Coagulant action.
- Place tablet in skimmer.

TABLET	EFFICACY	ALL TYPES OF POOLS	DOSAGE
100g	10 DAYS		1 TABLET UP TO 50m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 42 Flocculant	25 kg	03120	1	450	-



CTX 41 FLOCCULANT

Shock treatment that removes the particles from the water that turn it cloudy.

- Clarifies the water, restoring transparency.
- Fast-acting.
- Improves disinfectant output.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	8h		100ml / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 41 Flocculant	25 l	03118	1	600	-

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS CTX

CLEANERS



CTX 51 WALLCLEANER PLUS

Cleans the pool basin.

- Detergent cleaner specially formulated to remove the limescale, organic residues, and mineral sediments that form over time and attach to pool surfaces.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	30min		2l / 10m³

	Format	Code	Standard Pack	Pallet LT	Standard volume in m³
CTX 51 WallCleaner Plus	25 l	03125	1	600	-



CTX 75 WATERLINE CLEANER

Cleans the waterline.

- Gel detergent specially formulated to remove oil, dirt, and limescale from pool edges, walls and surrounds as required.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	IMMEDIATE		SPONGE

	Format	Code	Standard Pack	Pallet LT	Standard volume in m³
CTX 75 Waterline Cleaner	25 l	03223	1	600	-



CTX 70 SURFOSAN

Sanitizer multi-surface.

- Does not alter water parameters.
- Respectful with the surface.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	IMMEDIATE		SPONGE

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 70 Surfosan	25 l	05454	1	600	-

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.

POOL CHEMICALS CTX

CLEANERS



CTX 57 NETALFILTER

Cleans the inside of sand filters.

- Removes limescale caused by salts in the water and dirt deposited inside sand filters.
- Non-foaming.
- For stainless steel or sand/polyester, silex or ecoglass.

LIQUID	EFFICACY	POOLS WITH SAND FILTER	DOSAGE
	4h / 8h		2 l / 10kg sand

	Format	Code	Standard Pack	Pallet LT	Standard volume in m³
CTX 57 Netafilter	5 l	08671	4	640	-

POOL CHEMICALS CTX

WINTERISING PRODUCTS



CTX 550 WINTERSTAR

Complete treatment in winter.

- Prevents algae and bacteria proliferation.
- Prevents the formation of lime.
- Non-foaming.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	3 MONTHS		500ml / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 550 WinterStar	25 l	20906	1	600	-



CTX 551 WINTERSTAR LINER

Complete treatment in winter.

- Prevents algae and bacteria proliferation.
- Non-foaming.

LIQUID	EFFICACY	ALL TYPES OF POOLS	DOSAGE
	3 MONTHS		830ml / 10m³

	Format	Code	Standard Pack	Pallet weight Kg	Standard volume in m³
CTX 551 WinterStar Liner	5 l	17228	4	640	-
Special product under order	25 l	-	-	-	-

The transition to the new brand's visuals may take some time. It is possible to get products with visuals which have not yet been updated.



WATER TREATMENT EQUIPMENT

212 FREEPOOL²

213 Freepool²

213 AP PR-200 control unit compatible with Freepool2

214 SALT ELECTROLYSIS AND PH/CL CONTROL

214 Easy Salt

215 Easy Salt Next

216 Pro-Chlore Salt

217 Nature Salt

217 Self-cleaning electrodes

218 NEOLYSIS FOR COMMERCIAL POOLS

218 Neolysis S (5-6 g/L) + UV

219 Neolysis LS (1.5-2 g/L) + UV

220 LS/S Neolysis lamps

220 LS/S Neolysis electrodes

221 AUTOMATIC UV DISINFECTION FOR COMMERCIAL POOLS

221 Heliox UV LP / MP

223 Heliox UV MP lamps

223 Heliox UV LP

223 Heliox UV LP S.S. (Stainless Steel)

224 Heliox UV LP PE (PolyEthylene)

224 Heliox UV LP lamps

225 DOSING PUMPS FOR COMMERCIAL POOLS

225 Acqua Dos Dosing pumps

228 Exactus dosing pumps

231 Optima dosing pumps

234 Peristaltic dosing pumps

234 Polyethylene cylindrical tanks

235 Manual stirrer

235 CONTINUOUS FLOCCULATION SYSTEM

235 Floc System

235 WATER METERS

235 Woltman type turbine meters

236 AUTOMATIC REGULATION AND CONTROL EQUIPMENT

236 AP PR-200
Compatible with water electrolysis

236 Control Connect
The smart multi-setting controller

237 Amperometric Chlorine Sensors

237 pH / ORP Sensors

237 Calibration Solutions

237 Pool Patrol

238 Guardian Pool

239 Controller

240 Installation diagram for organic Chlorine or Bromine

241 Installation diagram for Inorganic Chlorine

FREEPOOL² ADVANTAGES

freepool²

Salt chlorinator + UV + CO_2



Freepool² disinfects the water thanks to the salt chlorinator and the UV and corrects pH levels by injecting CO_2 through the reactor



75% **reduction**
in the concentration of **oxidants** in the atmosphere, improving the quality of the atmosphere and reducing the smell of chlorine.

20% **reduction**
of **combined chloramines** in the water, reducing skin and eye irritation and respiratory complications.

100% **reduction**
in the addition of diluted **acids and chlorinated products**; completely avoids the need to add chlorinated products and acids.

66% **reduction**
in the consumption of new supplies of **water**, with savings in water and energy wherever it is installed.

FREEPOOL²

The benefits of Freepool have been backed up by two studies conducted by Universitat Autònoma de Barcelona and Hospital Universitari Clínic de Barcelona.

Universitat Autònoma de Barcelona

CLÍNIC BARCELONA Hospital Universitari

INTRODUCTION

Pools without chemical products that deliver unbeatable water and air quality

+ Public pool water treatment and disinfection system.
+ Freepool² keeps the quality of water to the highest standards without the need to add chemical products.
+ Freepool² is a unique product that comes with three water treatment technologies that optimize disinfection and pH levels: a low-salinity salt chlorinator for disinfecting the water, low pressure UV for reducing combined chloramines and a CO_2 injection system for adjusting the pH.

The main advantages of Freepool² are:

+ Water quality. Studies carried out by Universidad Autónoma de Barcelona and Hospital Clínic de Barcelona revealed that swimmers' perception of a "perfectly clean" atmosphere increased significantly.
+ Safety. There is no need to store, handle or measure out chemicals and it is therefore a safer system.

Technical features:

+ Chlorine output of 180 g/h
+ Three 90 W UV lamps
+ CO_2 injector and pH control kit for dosing and absorption



Fluidra Connect compatible



FREEPOOL²

ASTRALPOOL

It is essential to receive advice from Fluidra's technical department before installing the equipment.



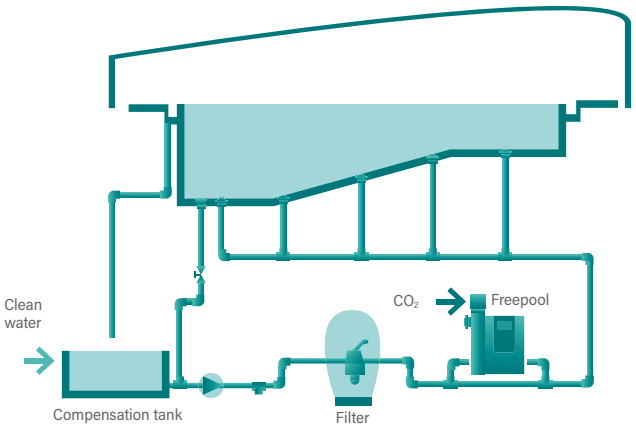
60361

AP PR-200 CONTROL UNIT

compatible with Freepool2

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Recommended unit:				
AP PR-207 pH/Cl2 PPM	60361	1	-	-
AP PR-207 pH/Cl2 PPM + integrated TRI KIT	60361-KIT TRI	1	-	-



SALT ELECTROLYSIS AND PH/CL CONTROL

- Water chlorinators for commercial pools are becoming popular because they are efficient, practical, safe and well priced.
- Our wide range of industrial electrolysis systems covers self-cleaning equipment of up to 600 grams/hour of Chlorine, which makes it possible to use saline electrolysis to treat the water at any public use facility.

Main advantages:

- Safety: There is no need to store, handle or dose any chemical products and therefore it is a much safer system. The raw material stored is common salt.
- Savings: The introduction of saline electrolysis systems can bring net savings in operating costs of around 50-60%, with respect to traditional systems.
- Peristaltic pump not included.

TECHNICAL FEATURES

	Easy Salt	Easy Salt Next	Pro-Chlore Salt	Nature Salt
Self-cleaning electrodes	10,000 - 12,000 h	10,000 - 12,000 h	12,000 - 15,000 h	12,000 - 15,000 h
Salinity range	5–12 g/l (recommended 5–6 g/l)	5–12 g/l (recommended 5–6 g/l)	5–12 g/l (recommended 5–6 g/l)	1.5–3 g/l (recommended: 2–2.5 g/l) (*)
Production (g/h)	50 - 180	75 - 190	50 - 600	50 - 300

(*) Operating range 1.5–5 g/l depending on the temperature (28–35 °C) and nominal output (80–100%)





PROFESSIONAL ADVICE RECOMMENDED

COMPATIBLE NN thing Fluidra Connect compatible



EASY SALT

ASTRALPOOL

SELF-CLEANING salt electrolysis system for public pool applications of up to 180 g chlorine/hour. Easy Salt is a compact and cost-competitive piece of equipment. To control more than one unit for the same pool you will need an AP PR-200 external control or Control Connect and the TRI multiple control kit (code 70338).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Easy Salt 50	66151	1	30	0.29
Easy Salt 70	53799	1	70	0.29
Easy Salt 90	53801	1	80	0.29
Easy Salt 180	53803	1	90	0.29
External control option (AP PR 60359-60361-60362, Control Connect 71537-8-9)				
Easy Salt 50 + pH/ORP (EXT-1)	66153	1	30	0.29
Easy Salt 70 + pH/ORP (EXT-1)	53800	1	70	0.29
Easy Salt 90 + pH/ORP (EXT-1)	53802	1	80	0.29
Easy Salt 180 + pH/ORP (EXT-1)	53804	1	90	0.29
Optional sensor holder for EXT-1 (EXT-1+66448 = EXT-1D)	66448	1	-	-
Optional:				
Connection kit compatible with Fluidra Connect	60363	1	0.39	0.002

SALT ELECTROLYSIS AND PH/CL CONTROL





EASY SALT NEXT

ASTRALPOOL

Easy Salt Next is the next generarion of salt electrolysis system for public pool applications of up to 190 g chlorine/hour. Easy Salt Next has a compact and cost-competitive equipment design. Made with high-pressure (polypropylene) cells equipped with Premium+ grade electrodes (up to 12.000 hours). The device includes a display LED screen to improve the user interface. Expandable functions with 200 controllers series.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Easy Salt Next 75	72663	1	25	0.29
Easy Salt Next 100	72665	1	25	0.29
Easy Salt Next 150	72667	1	35	0.29
Easy Salt Next 190	72669	1	35	0.29
Easy Salt Next 75 pH/ORP	72664	1	25	0.29
Easy Salt Next 100 pH/ORP	72666	1	25	0.29
Easy Salt Next 150 pH/ORP	72668	1	35	0.29
Easy Salt Next 190 pH/ORP	72670	1	35	0.29

COMPATIBLE NN thing Fluidra Connect compatible



Valid for Easy Salt/Easy Salt Next and Pro-Chlore Salt and Nature Salt:

TECHNICAL FEATURES

	pH	ORP	FREE CHLORINE*
Components supplied	H-035 sensor pH calibration solution (7.0/4.0)	RX-02 sensor ORP calibration solution (470 mV)	CL0102 sensor ID-CAL calibration card
	Two PE ½" sensor holder connectors (standard in all models); sensor holder panel with inductive flow rate detector; flow rate and pre-filter adjustment (built-in panel versions)		
pH control output	230 V / 50-60 Hz / 0.5 A max, ON/OFF		
Scale	0.00-9.99	0 - 999 mV	0.0 - 5.0 ppm
Control range	7.00 - 7.80	600 - 850 mV	0.25 - 3.5 ppm
Accuracy	0.01 pH	1 mV	0.1 ppm
Calibration	(pH) Automatic; two modes Fast: one-point calibration Standard: Two-point calibration	Automatic: one-point calibration	FREE CHLORINE: automatic (one-point using external DPD calibrator – not supplied)

*Not available for Easy Salt / Easy Salt Next.

SALT ELECTROLYSIS AND PH/CL CONTROL



PRO-CHLORE SALT

ASTRALPOOL

Our Pro-Chlore Salt range includes EX electrodes that provide the highest level of durability in self-cleaning systems. The Pro-Chlore Salt range with its integrated EXTENSION options (EXT-1, EXT-1E, EXT-2) or external control options (AP PR200, Control Connect) includes a control and regulation system for ORP values (Redox) or ppm, as well as pH, allowing improved management of the equipment and an excellent water quality at all times. The Pro-Chlore range can be manufactured, on request, for seawater (Pro Chlore Salt AM Series). To control more than one unit for the same pool you will need an AP PR-200 external control or Control Connect and the TRI multiple control kit (code 70338).



	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Pro-Chlore Salt A-50EX	35252	1	55	0.17
Pro-Chlore Salt A-80EX	35253	1	65	0.19
Pro-Chlore Salt A-120EX	35254	1	100	0.36
Pro-Chlore Salt A-180EX	35255	1	120	0.36
Pro-Chlore Salt A-300EX	35256	1	140	0.36
Pro-Chlore Salt A-600EX	35257	1	200	0.74



External control option
(AP PR 60359-60361-60362,
Control Connect 71537-8-9)

Pro-Chlore Salt A-50EX + pH/ORP (EXT-1)	35258	1	55	0.17
Pro-Chlore Salt A-80EX + pH/ORP (EXT-1)	35259	1	65	0.19
Pro-Chlore Salt A-120EX + pH/ORP (EXT-1)	35260	1	100	0.36
Pro-Chlore Salt A-180EX + pH/ORP (EXT-1)	35261	1	120	0.36
Pro-Chlore Salt A-300EX + pH/ORP (EXT-1)	35262	1	140	0.36
Pro-Chlore Salt A-600EX + pH/ORP (EXT-1)	35263	1	200	0.74
Optional sensor holder for EXT-1 (EXT-1+57769=EXT-1E)	57769	1	-	-



Pro-Chlore Salt A-50EX + pH/PPM (EXT-2)	45836	1	60	0.17
Pro-Chlore Salt A-80EX + pH/PPM (EXT-2)	45837	1	70	0.19
Pro-Chlore Salt A-120EX + pH/PPM (EXT-2)	45838	1	105	0.36
Pro-Chlore Salt A-180EX + pH/PPM (EXT-2)	45839	1	125	0.36
Pro-Chlore Salt A-300EX + pH/PPM (EXT-2)	45840	1	145	0.36
Pro-Chlore Salt A-600EX + pH/PPM (EXT-2)	45841	1	205	0.74

Sensor holder included with EXT-2

Options for seawater (on request).
Example: 45836-AM.

AM

Optional:



Connection kit compatible with Fluidra Connect	60363	1	0.39	0.002

TECHNICAL FEATURES

	A-50	A-80	A-120	A-180	A-300	A-600
Power supply (AC)	230 V / 50 - 60 Hz			400 V / 50 - 60 Hz		
Power rating (AC)	1.5 A	2.4 A	3.9 A	2.2 A	3.6 A	7.2 A
Input (AC)	3 x 1.0 mm²	3 x 1.0 mm²	3 x 2.5 mm²	5 x 1.5 mm²	5 x 4 mm²	5 x 4.0 mm²
Output (DC)	2 x 10 mm²	2 x 25 mm²	2 x 35 mm²	2 x 70 mm²	2 x 120 mm²	3 x 240 mm²
Pipe connection	Female thread 1½"	Flanges D63 mm		Flanges D90 mm		
Fuse	5 AT (6 x 32 mm)	7 AT (6 x 32 mm)	10 AT (6 x 32 mm)	QM K10A	QM K20A	QM K25A
Outlet	10.5 V / 25 A	10.5 V / 40 A	11.2 V / 60 A	9 V / 90 A	9 V / 150 A	9 V / 300 A
Cooling	Natural			Fan		
Minimum flow rate	8 m³/h	14 m³/h	20 m³/h	30 m³/h	50 m³/h	100 m³/h
Number of plates per electrode	8	12	8	12	16	2 x 15

SALT ELECTROLYSIS AND PH/CL CONTROL



NATURE SALT

ASTRALPOOL

Nature Salt is the most sustainable answer for the commercial pool, 2 g salt/litre operation. SELF-CLEANING industrial salt electrolysis system for public pool applications of up to 300 g chlorine/hour. High pressure cells (polypropylene) fitted with high quality electrodes. To control more than one unit for the same pool you will need an AP PR-200 external control or Control Connect and the TRI multiple control kit (code 70338).







	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Nature Salt 50EX/LS	53810	1	80	0.17
Nature Salt 80EX/LS	53811	1	90	0.19
Nature Salt 120EX/LS	53812	1	130	0.36
Nature Salt 180EX/LS	53813	1	145	0.36
Nature Salt 300EX/LS	53814	1	170	0.36
External control option (AP PR 60359-60361-60362, Control Connect 71537-8-9)				
Nature Salt 50EX/LS + pH/ORP (EXT-1)	53815	1	80	0.17
Nature Salt 80EX/LS + pH/ORP (EXT-1)	53816	1	90	0.19
Nature Salt 120EX/LS + pH/ORP (EXT-1)	53817	1	130	0.36
Nature Salt 180EX/LS + pH/ORP (EXT-1)	53818	1	145	0.36
Nature Salt 300EX/LS + pH/ORP (EXT-1)	53819	1	170	0.36
Optional sensor holder for EXT-1 (EXT-1+57769=EXT-1E)	57769	1	-	-
Nature Salt 50EX/LS + pH/PPM (EXT-2)	53820	1	85	0.36
Nature Salt 80EX/LS + pH/PPM (EXT-2)	53821	1	95	0.36
Nature Salt 120EX/LS + pH/PPM (EXT-2)	53822	1	135	0.36
Nature Salt 180EX/LS + pH/PPM (EXT-2)	53823	1	150	0.74
Nature Salt 300EX/LS + pH/PPM (EXT-2)	53824	1	175	0.74
Sensor holder included with EXT-2				
Optional:				
Connection kit compatible with Fluidra Connect	60363	1	0.39	0.002



SELF-CLEANING ELECTRODES

ASTRALPOOL









	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Pro-Chlore Salt Series				
A-50EX/EXT-1/EXT-2	60634	1	-	-
A-80EX/EXT-1/EXT-2	60636	1	-	-
A-120EX/EXT-1/EXT-2	60676	1	-	-
A-180EX/EXT-1/EXT-2	60677	1	-	-
A-300EX/EXT-1/EXT-2	60678	1	-	-
A-600EX/EXT-1/EXT-2	60679	1	-	-
Nature Salt Series				
A-50EX/LS/EXT-1/EXT-2	60680	1	-	-
A-80EX/LS/EXT-1/EXT-2	60681	1	-	-
A-120EX/LS/EXT-1/EXT-2	60682	1	-	-
A-180EX/LS/EXT-1/EXT-2	60683	1	-	-
A-300EX/LS/EXT-1/EXT-2	60684	1	-	-
Easy Salt Series				
EASY SALT 50/EXT-1	68104	1	-	-
EASY SALT 70/EXT-1	60685	1	-	-
EASY SALT 90/EXT-1	60686	1	-	-
EASY SALT 180/EXT-1	60687	1	-	-
Easy Salt Next Series				
EASY SALT NEXT 75 PH/OPR	73339	1	-	-
EASY SALT NEXT 100 PH/ORP	73340	1	-	-
EASY SALT NEXT 150 PH/ORP	73341	1	-	-
EASY SALT NEXT 190 PH/ORP	73342	1	-	-

NEOLYSIS FOR COMMERCIAL POOLS

+ Unbeatable water quality.
+ Dual disinfection based on UV and electrolysis.

- **Neolysis, the most advanced water treatment by AstralPool: + Sustainability + Innovation + Disinfection + Healthy.**
- **Two options: low salinity of 2-3 g/l (Neo LS) and standard salinity of 6 g/l (Neo S).**
- **The ultimate in chloramine reduction capacity (UV LP + Electrolysis).**
- **Self-cleaning electrodes that last 12,000-15,000 hours (NeoLS and Neo S).**
- **LP HO UV lamp (13,000 hours)**
- **Patented process.**
- **To control more than one unit for the same pool you will need an AP PR-200 external control or Control Connect and the TRI multiple control kit (code 70338).**





EXT-1 + 57769 = EXT-1E



Sensor holder included in EXT-2



NEOLYSIS S (5-6 G/L) + UV

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
AP NEO/S 50 Gr/h + UV 75 W	66142	1	-	-
AP NEO/S 80 Gr/h + UV 90 W	66143	1	-	-
AP NEO/S 120 Gr/h + UV 2 x 90 W	66144	1	-	-
AP NEO/S 180 Gr/h + UV 3 x 90 W	68120	1	-	-
AP NEO/S 300 Gr/h + UV 4 x 90 W	68123	1	-	-
External control option (AP PR 60359-60361-60362, Control Connect 71537-8-9)				
With pH/ORP (EXT-1)				
AP NEO/S 50 Gr/h + UV 75 W	66145	1	-	-
AP NEO/S 80 Gr/h + UV 90 W	66146	1	-	-
AP NEO/S 120 Gr/h + UV 2 x 90 W	66147	1	-	-
AP NEO/S 180 Gr/h + UV 3 x 90 W	68121	1	-	-
AP NEO/S 300 Gr/h + UV 4 x 90 W	68124	1	-	-
Optional sensor holder for EXT-1	57769	1	-	-
With pH/PPM (EXT-2)				
AP NEO/S 50 Gr/h + UV 75 W	66148	1	-	-
AP NEO/S 80 Gr/h + UV 90 W	66149	1	-	-
AP NEO/S 120 Gr/h + UV 2 x 90 W	66150	1	-	-
AP NEO/S 180 Gr/h + UV 3 x 90 W	68122	1	-	-
AP NEO/S 300 Gr/h + UV 4 x 90 W	68125	1	-	-
Optional:				
Connection kit compatible with Fluidra Connect (without lamp control)	60363	1	0.39	0.002

TECHNICAL FEATURES

AP NEO Basic	AP NEO pH/ORP	AP NEO pH/PPM	Production Salt Electrolysis + UV
66142	66145	66148	50 gr Cl_2 /hr + 75 W UV
66143	66146	66149	80 gr Cl_2 /hr + 90 W UV
66144	66147	66150	120 gr Cl_2 /hr + 180 W UV
68120	68121	68122	180 gr Cl_2 /hr + 270 W UV
68123	68124	68125	300 gr Cl_2 /hr + 360 W UV

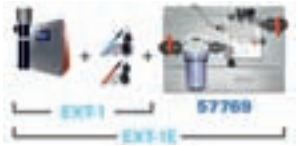
NEOLYSIS FOR COMMERCIAL POOLS



NEOLYSIS LS (1.5-2 G/L) + UV

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
AP NEO 50 Gr/h + UV 75 W	57753	1	-	-
AP NEO 80 Gr/h + UV 90 W	57761	1	-	-
AP NEO 120 Gr/h + UV 2 x 90 W	57762	1	-	-
AP NEO 180 Gr/h + UV 3 x 90 W	68117	1	-	-
External control option (AP PR 60359-60361-60362, Control Connect 71537-8-9)				
With pH/ORP (EXT-1)				
AP NEO 50 Gr/h + UV 75 W	57763	1	-	-
AP NEO 80 Gr/h + UV 90 W	57764	1	-	-
AP NEO 120 Gr/h + UV 2 x 90 W	57765	1	-	-
AP NEO 180 Gr/h + UV 3 x 90 W	68118	1	-	-
Optional sensor holder for EXT-1	57769	1	-	-
With pH/PPM (EXT-2)				
AP NEO 50 Gr/h + UV 75 W	57766	1	-	-
AP NEO 80 Gr/h + UV 90 W	57767	1	-	-
AP NEO 120 Gr/h + UV 2 x 90 W	57768	1	-	-
AP NEO 180 Gr/h + UV 3 x 90 W	68119	1	-	-
Optional:				
Connection kit compatible with Fluidra Connect (without lamp control)	60363	1	0.39	0.002



EXT-1 + 57769 = EXT-1E



Sensor holder included in EXT-2

COMPATIBLE NN thing Fluidra Connect compatible



PROFESSIONAL ADVICE RECOMMENDED

TECHNICAL FEATURES

AP NEO Basic	AP NEO pH/ORP	AP NEO pH/PPM	Production Salt Electrolysis + UV
57753	57763	57766	50 gr Cl_2 /hr + 75 W UV
57761	57764	57767	80 gr Cl_2 /hr + 90 W UV
57762	57765	57768	120 gr Cl_2 /hr + 180 W UV
68117	68118	68119	180 gr Cl_2 /hr + 270 W UV

NEOLYSIS FOR COMMERCIAL POOLS

LS/S NEOLYSIS LAMPS



	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
75-W UV LP-20 lamp (Codes 57753, 57763, 57766, 66142, 66145, 66148)	60608	1	0.10	-
90-W UV LP-25 lamp (Codes 57761, 57764, 57767, 68117, 68118, 68119, 66143, 66146, 66149, 68120, 68121, 68122, 68123, 68124, 68125)	60609	1	0.10	-
Lamp replacement kit UV LP 2x90 W (Codes 57762, 57765, 57768, 66144, 66147, 66150)	60619	1	0.20	-
UV LP-20/25/30 quartz (lamps 75 W and 90 W)	60631	1	0.09	-

LS/S NEOLYSIS ELECTRODES



	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Neolysis LS				
50 gr/h - 75 W Neolysis LS electrode (Codes 57753, 57763, 57766)	61119	1	-	-
80 gr/h - 90 W Neolysis LS electrode (Codes 57761, 57764, 57767)	61120	1	-	-
120 gr/h - 2 x 90 W Neolysis LS electrode (Codes 57762, 57765, 57768)	61121	1	-	-
180 gr/h - 3 x 90 W Neolysis LS electrode (Codes 68117, 68118, 68119)	68126	1	-	-
Neolysis S				
50 gr/h - 75 W Neolysis S electrode (Codes 66142, 66145, 66148)	73550	1	-	-
80 gr/h - 90 W Neolysis S electrode (Codes 66143, 66146, 66149)	73551	1	-	-
120 gr/h - 2 x 90 W Neolysis S electrode (Codes 66144, 66147, 66150)	73552	1	-	-
180 gr/h - 3 x 90 W Neolysis S electrode (Codes 68120, 68121, 68122)	73553	1	-	-
300 gr/h - 4 x 90 W Neolysis S electrode (Codes 68123, 68124, 68125)	73554	1	-	-

AUTOMATIC UV DISINFECTION FOR COMMERCIAL POOLS



HELIOX UV LP / MP

ASTRALPOOL

INTRODUCTION

+ AstralPool presents Heliox UV, an automatic UVC light system, which guarantees double disinfection through a significant reduction in the amount of chloramines (bound chlorine) along with the neutralisation of bacteria, viruses and other microorganisms present in water by impeding their reproduction.
+ The range comprises the Heliox UV LP and the Heliox UV MP models for public pools.



The advantages of UV-C technology:

+ UV ray treatment systems are completely automatic, with very low maintenance and running costs. They also have considerable advantages over other systems:
+ 100% of pool water is treated.
+ The disinfected water is free of unpleasant smells and does not irritate the eyes, thanks to a drastic reduction in the amount of chloramines.
+ They save money as fewer chemical products are required.
+ They are environmentally friendly because:
  + Less fresh water is needed (daily water renewal is reduced).
  + Fewer waste by-products are formed, resulting in a reduction in subsequent water treatment.
  + The UV-C equipment does not add any chemical products to the water.

Heliox-UV operation

+ UV-C disinfection is a local treatment (UV chamber), which takes place as the water in the pool circulates through the chamber that contains the UV-C lamps.
+ The accurate delivery of radiation (W UV-C) and residence time in the system ensure the effective neutralisation of 99.9% of microorganisms, as well as the reduction of chloramines to safe levels (<0.6 ppm).

AUTOMATIC UV DISINFECTION FOR COMMERCIAL POOLS

HELIOX UV MP

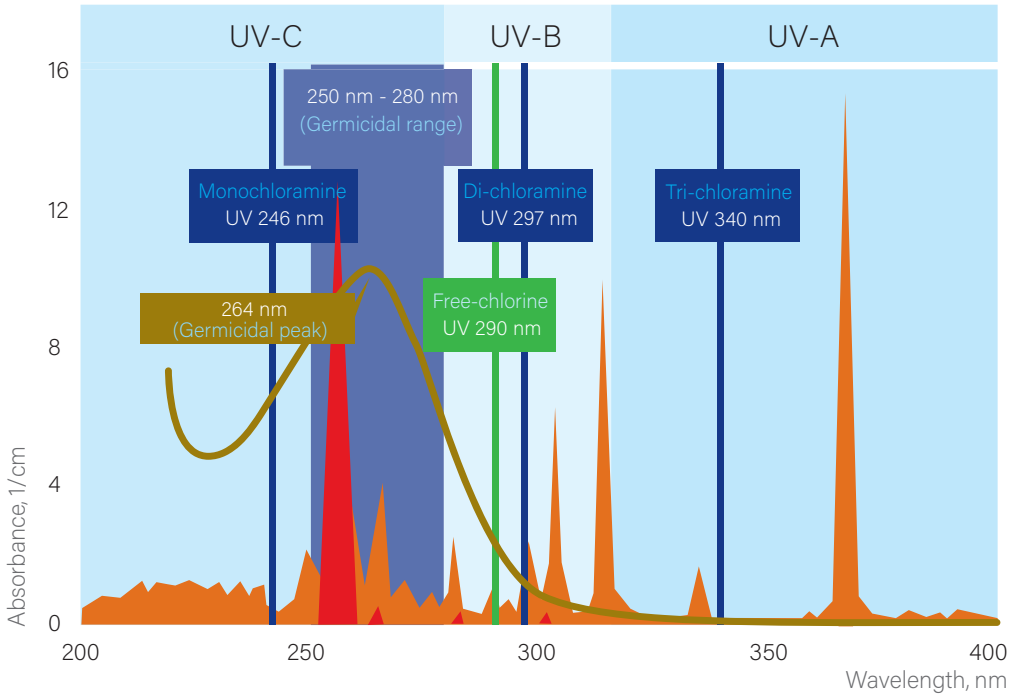


For sea water application, contact with AstralPool

- Heliox UV MP (medium pressure) systems are designed to be used in public pools. These lamps operate over a wide spectrum to cover the whole of the UV region (see graph), which makes possible the effective eradication of chloramines (<0.6 ppm) in the pool water and its efficient disinfection due to the neutralisation of microorganisms (99.9%), including those resistant to chlorine treatment.
- More compact design (UV reactor in AISI-316).
- Adjustable to between 70 and 100% of rated power, in 1% increments, by means of a self-cooling electronic ballast.
- Fluidra technology (design and manufacturing).
- Calibrated UV-C radiation sensor (mW/cm²). Precise dose control. Instant power adjustment to process conditions. Saves energy and extends the lamp's lifetime.
- Advanced colour touch screen. System menu for browsing process parameters and log files.

Advanced versions:

- Embedded web.
- The control architecture used in Heliox UV PM systems has a number of features that make them reliable, energy-efficient and scalable to the highest possible level.
- The Heliox UV MP systems use two parameters for adjusting the power setting: average radiation and flow. All models have a rated radiation profile that ensures a dose of 60mJ/cm². If the flow is lower than the rated value, the same will apply to the required radiation level and the system reduces the power input, thus optimising power consumption and the lamp's lifetime. Likewise, if radiation drops due to losses caused by cloudy water, scaling or lamp emission efficiency, the system will adjust the power so that the right dose is supplied.



Medium presure Heliox lamp spectral power distribution
Low presure Heliox lamp spectral power distribution
DNA absorption (Germicidal curve)
Absorption range
Free chlorine absorption range

AUTOMATIC UV DISINFECTION FOR COMMERCIAL POOLS



HELIOX UV MP

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Heliox UV MP 50	52200	1	-	-
Heliox UV MP 80	52201	1	-	-
Heliox UV MP 140	52202	1	-	-
Heliox UV MP 300	52203	1	-	-
Heliox UV MP 450	52204	1	-	-
Heliox UV MP 675	52205	1	-	-
Heliox UV MP Auto Wiper				
Heliox UV MP 50 W	58808	1	-	-
Heliox UV MP 80 W	58809	1	-	-
Heliox UV MP 140 W	58698	1	-	-
Heliox UV MP 300 W	58810	1	-	-
Heliox UV MP 450 W	58699	1	-	-
Heliox UV MP 675 W	58811	1	-	-





HELIOX UV MP LAMPS

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Lamp UV MP 50/80 (Codes 52200, 52201, 58808, 58809)	60638	1	0.125	-
Lamp UV MP 140 (Codes 52202, 58698)	60639	1	0.255	-
Lamp UV MP 300/450/675 (Codes 52203, 52204, 52205, 58810, 58699, 58811)	60642	1	0.275	-
Quartz tube case MP 50/80/140	60643	1	0.050	-
Quartz tube case MP 300/450/675	60644	1	0.050	-



Chemical Reduction

HELIOX UV LP

ASTRALPOOL

+ UV LP Stainless Steel and UV LP PE (LP = low pressure) systems are designed to be used in public pools. They act at a wavelength of 254 nm, which is ideal for eliminating microorganisms. They will enable you to benefit from the latest ultraviolet light technology in the field of water treatment.

New Features of LP S.S. & LP PE:

+ Stainless steel and polyethylene versions.
+ Multi-lamp version.
+ Fluidra technology (design and manufacturing).
+ Lamp "ON" indicator.
+ Electronic counter for working time and ignitions (lamp lifetime control).
+ Flow switch included as standard.



HELIOX UV LP S.S. (Stainless Steel)

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
I45 S.S. 270 W / 90 W (UVC)	60344	1	-	-
I65 S.S. 360 W / 120 W (UVC)	60345	1	-	-
I85 S.S. 450 W / 150 W (UVC)	60346	1	-	-
I95 S.S. 540 W / 180 W (UVC)	60347	1	-	-

AUTOMATIC UV DISINFECTION FOR COMMERCIAL POOLS



HELIOX UV LP PE (PolyEthylene)

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
P20EX PE 90 W / 30 W (UVC)	63138	1	-	-
P25EX PE 180 W / 60 W (UVC)	63139	1	-	-
P30EX PE 270 W / 90 W (UVC)	63140	1	-	-
P35 PE 270 W / 90 W (UVC)	60348	1	-	-
P45 PE 360 W / 120 W (UVC)	60349	1	-	-
P60 PE 450 W / 150 W (UVC)	60354	1	-	-
P70 PE 540 W / 180 W (UVC)	60358	1	-	-
P95 PE 680 W / 204 W (UVC)	63135	1	-	-
P140 PE 1020 W / 306 W (UVC)	63136	1	-	-
P180 PE 1360 W / 408 W (UVC)	64347	1	-	-
P220 PE 1700 W / 510 W (UVC)	64348	1	-	-
P260 PE 2040 W / 612 W (UVC)	64349	1	-	-
P300 PE 2380 W / 714 W (UVC)	63137	1	-	-

TECHNICAL FEATURES

Material	Code	Model	Flow rate (35 mJ/cm²) Freshwater	Flow rate (35 mJ/cm²) Seawater	Flow rate (60 mJ/cm²) Freshwater	No. Lamps	Rated / UV-C power	Total height	Ø reactor
Stainless steel	60344	UV LP 45	45 m³/h	-	30 m³/h	3X90 w	90 UV-C (W)	1092	204
Stainless steel	60345	UV LP 65	65 m³/h	-	40 m³/h	4X90 w	120 UV-C (W)	1092	204
Stainless steel	60346	UV LP 85	85 m³/h	-	45 m³/h	5X90 w	150 UV-C (W)	1092	204
Stainless steel	60347	UV LP 95	95 m³/h	-	55 m³/h	6X90 w	180 UV-C (W)	1092	204
PE	60348	UV LP P35	35 m³/h	20 m³/h	20 m³/h	3X90 w	90 UV-C (W)	1020	250
PE	60349	UV LP P45	45 m³/h	25 m³/h	25 m³/h	4X90 w	120 UV-C (W)	1020	250
PE	60354	UV LP P60	60 m³/h	30 m³/h	35 m³/h	5X90 w	150 UV-C (W)	1020	250
PE	60358	UV LP P70	70 m³/h	35 m³/h	40 m³/h	6X90 w	180 UV-C (W)	1020	250
PE	63138	UV LP 20 EX	12 m³/h	7 m³/h	7 m³/h	1X90 w	30 UV-C (W)	950	200
PE	63139	UV LP 25 EX	20 m³/h	13 m³/h	13 m³/h	2X90 w	60 UV-C (W)	950	200
PE	63140	UV LP 30 EX	30 m³/h	19 m³/h	18 m³/h	3X90 w	90 UV-C (W)	950	200
PE	63135	UV LP P95	130 m³/h	61 m³/h	76 m³/h	2X340 w	204 UV-C (W)	1319	315
PE	63136	UV LP P140	193 m³/h	91 m³/h	112 m³/h	3X340 w	306 UV-C (W)	1319	315
PE	64347	UV LP P180	253 m³/h	120 m³/h	148 m³/h	4X340 w	408 UV-C (W)	1319	315
PE	64348	UV LP P220	312 m³/h	149 m³/h	182 m³/h	5X340 w	510 UV-C (W)	1319	315
PE	64349	UV LP P260	369 m³/h	177 m³/h	215 m³/h	6X340 w	612 UV-C (W)	1319	315
PE	63137	UV LP P300	432 m³/h	209 m³/h	252 m³/h	7X340 w	714 UV-C (W)	1319	315





HELIOX UV LP LAMPS

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
90-W UV LP-25 lamp (Codes 60344, 60345, 60346, 60347, 63138, 63139, 63140, 60348, 60349, 60354, 60358)	60609	1	-	-
UV LP-20/25/30 quartz (Codes 60344, 60345, 60346, 60347, 63138, 63139, 63140, 60348, 60349, 60354, 60358)	60631	1	-	-
340 W UV LP lamp (Codes 63135, 63136, 64347, 64348, 64349, 63137)	66062	1	-	-
UV LP 1100MM quartz (Codes 63135, 63136, 64347, 64348, 64349, 63137)	66063	1	-	-

DOSING PUMPS FOR COMMERCIAL POOLS

ACQUA DOS dosing pumps





With only 3 sizes Acqua Dos dosing pumps cover a wide range of performances, having a flow rate range from 4 to 110 l/h and a back pressure up to 16 bar. The power supply is 100 ÷ 240 Vac – 50/60 Hz therefore the same pump can operate with different supply voltage.

The pump head is in PVDF and with ceramic ball valve, giving it high chemical compatibility with several liquids, long life PTFE diaphragm.

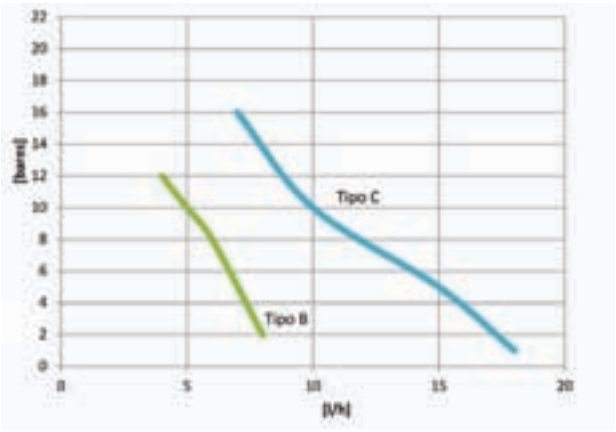
Acqua Dos series are equipped with a manually priming pump for the start up.

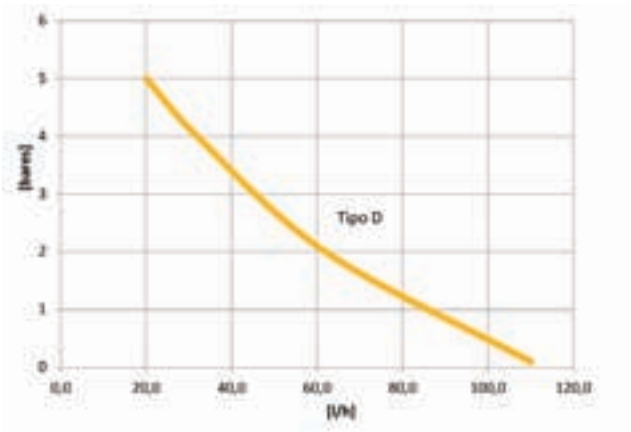
The pump is furnished with a complete standard installation kit, which includes: PVDF foot filter and injection valve, PVC suction tube, PE delivery tube, wall and base fixing bracket.

Installation kit included.









ACQUA DOS MANUAL ANALOG



Acqua Dos series analogic dosing pumps with constant flow rate are manually adjustable by a knob mounted on the front panel.

The flow rate has two frequency ranges:

- 0÷20 % of max flow rate
- 0÷100% of max flow rate

Input for minimum chemical level control (not included).

		Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Manual analog	5 l/h – 10 bar	75088	1	-	-
Manual analog	10 l/h – 10 bar	75089	1	-	-
Manual analog	32 l/h – 4 bar	75090	1	-	-

DOSING PUMPS FOR COMMERCIAL POOLS



ACQUA DOS MANUAL DIGITAL

Acqua Dos series digital dosing pumps with constant flow rate can be adjusted manually by means of a keypad mounted on the front panel, visualizing on the display the dosed flow rate in pulses/minute.

Input for minimum chemical level control (not included).

		Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Manual digital	**5 l/h - 10 bar**	75091	1	-	-
Manual digital	**10 l/h - 10 bar**	75092	1	-	-
Manual digital	**32 l/h - 4 bar**	75093	1	-	-



ACQUA DOS PROPORTIONAL

Acqua Dos series proportional digital dosing pumps work at a constant flow rate and can be adjusted manually by means of a keypad mounted on the front panel, displaying the dosed flow rate in pulses/minute.

Working modes:

- Manual
- According to an external analogic (4-20 mA)
- According to a digital signal (water meter, 1:n or n:1)
- Minimum chemical level input (not included)

		Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Proportional	**5 l/h - 10 bar**	75083	1	-	-
Proportional	**10 l/h - 10 bar**	75085	1	-	-
Proportional	**32 l/h - 4 bar**	75087	1	-	-



ACQUA DOS PH / ORP

The Acqua Dos series digital dosing pump has a built-in pH/Redox control meter and is also compatible with the Fluidra Connect remote management system.

Other features are:

- Constant or proportional dosing according the measured pH or Redox value
- PT100 probe input for thermal compensation
- Repetition alarm relay
- Input On-Off for remote control
- 4÷20 mA output for measure transmission
- Minimum chemical level input (not included)
- Electrode not included

Fluidra Connect compatible

		Code	Standard Pack	Standard weight in kg	Standard volume in m^3
pH / ORP	**5 l/h - 10 bar**	75078	1	-	-
PH / ORP	**10 l/h - 10 bar**	75080	1	-	-
PH / ORP	**32 l/h - 4 bar**	75082	1	-	-

COMPLETE PH SENSOR KIT



Includes: 6 meters pH sensor, buffer solutions sensor holder, PVC bracket and level sensor.

Code	Standard Pack	Standard weight in kg	Standard volume in m^3
76209	1	-	-

COMPLETE REDOX SENSOR KIT



Includes: 6 meters gold ORP sensor, buffer solution sensor holder, PVC bracket and level sensor.

Code	Standard Pack	Standard weight in kg	Standard volume in m^3
76210	1	-	-

SENSOR LEVEL



Sensor level for Acqua Dos and Optima dosing pumps.

Code	Standard Pack	Standard weight in kg	Standard volume in m^3
51454	1	-	-

DOSING PUMPS FOR COMMERCIAL POOLS





EXACTUS MEMBRANE

dosing pumps

All systems comply with EC regulations. IP-65 protection. Electrical connection: 220/240 V 50/60 Hz. Materials in contact with the liquid: Polypropylene, Viton, Teflon and PVC. Other valve models in different materials available on request. Includes anti-acid plastic housing. Touch sensitive moisture resistant indicator. Drainage valve included. Lubrication-free, minimal maintenance. On request, the unit can be supplied with outlet, level sensor or other operating voltages.

Available materials:

Pump head: PP, and available in PVDF and PTFE to order

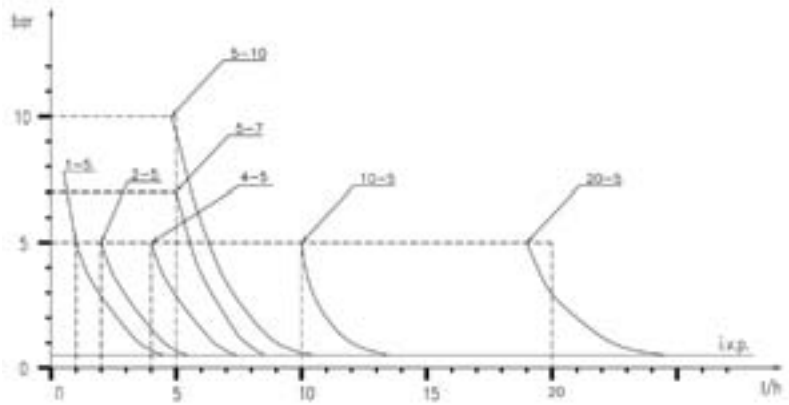
Diaphragm: PTFE

Valves: FPM lip valve (Viton) and other elastomers such as EPDM (Dutral), NBR (nitrile) and silicone available to order. Ceramic ball valves available.

Connections: 4 x 6 mm

Installation kit included with all pumps: full suction filter (PP-FPM by Viton), injection valve (PP-FPM by Viton), suction/return piping 2 m + 2 m PVC, 2-m PE distribution hose.

EXACTUS PUMP PERFORMANCE CURVE





EXACTUS MANUAL ANALOG

Electronic dosing pump for wall mounting or horizontal base. Manually regulated flow rate. Regulation range: 0-100% and 0-20%. Acid resistant plastic housing.

		Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Manual Analog	2 l/h - 5 bar	57153	1	4	0.005
Manual Analog	2 l/h - 10 bar	57154	1	4	0.005
Manual Analog	5 l/h - 7 bar	57155	1	4	0.005
Manual Analog	5 l/h - 10 bar	57156	1	4	0.005
Manual Analog	10 l/h - 5 bar	57157	1	4	0.005
Manual Analog	20 l/h - 5 bar	57158	1	4	0.005

DOSING PUMPS FOR COMMERCIAL POOLS



EXACTUS MANUAL DIGITAL

Electronic dosing pump for wall mounting or horizontal base. Manually regulated flow rate with digital control for injection frequency. 3 digit display. Regulation range: 0-100%, with a scale of 1%. Product ready to incorporate level sensor (not included). Acid resistant plastic housing.

		Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Manual Digital	2 l/h - 5 bar	57159	1	4	0.005
Manual Digital	5 l/h - 7 bar	57160	1	4	0.005
Manual Digital	5 l/h - 10 bar	57161	1	4	0.005
Manual Digital	10 l/h - 5 bar	57162	1	4	0.005
Manual Digital	20 l/h - 5 bar	57163	1	4	0.005



EXACTUS PROPORTIONAL

Proportional pump controlled by the mA signal. The pump may be connected to a transmitter/indicator instrument or to another device that feeds in an intensity-modulated signal of 0 to 20mA. The frequency drive of the pump will be proportional to the mA signal received, i.e. the higher the signal, the greater the pump flow rate. The pump can be set to work in reverse mode, i.e. the higher the signal, the lower the flow rate. This model can be adapted for other mA rates (0-20mA, 4-20mA, 20-4mA). Product can incorporate a level sensor (sold separately).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Proportional (4-20mA) 5 l/h- 7 bar	57164	1	4	0.005
Proportional (4-20mA) 5 l/h- 10 bar	57165	1	4	0.005
Proportional (4-20mA) 10 l/h- 5 bar	57166	1	4	0.005
Proportional (4-20mA) 20 l/h- 5 bar	57167	1	4	0.005



EXACTUS PH / RX

Backlit LCD screen, ON / OFF or proportional operating modes, 0 ÷ 14 pH; -1000 ÷ 1400 mV, pH, RX (ORP) electrode inlet (10 Tera Ohm) (electrode not included), screen resolution: 0.01 pH; ± 1mV. Product can include a level sensor (not included).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
pH / Rx 5 l/h - 7 bar	57892	1	4	0.005
pH / Rx 5 l/h - 10 bar	57893	1	4	0.005
pH / Rx 10 l/h - 5 bar	57894	1	4	0.005



EXACTUS VOLUMETRIC VFT

Electronic dosing pump for mounting on base or wall. Proportional volumetric dosing pump that works from signals received from a flow meter. Can be operated in manual or automatic mode depending on the signals received. Product can incorporate a level sensor (sold separately)

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Volumetric VFT 5 l/h - 7 bar	57174	1	4	0.005
Volumetric VFT 5 l/h - 10 bar	57175	1	4	0.005
Volumetric VFT 10 l/h - 5 bar	57176	1	4	0.005
Volumetric VFT 20 l/h - 5 bar	57177	1	4	0.005

DOSING PUMPS FOR COMMERCIAL POOLS



PH SENSOR

ASTRALPOOL

5-metre pH sensor with plastic BNC connector.

Code	Standard Pack	Standard weight in kg	Standard volume in m^3
21538	1	0.2	0.001



RX SENSOR

ASTRALPOOL

5-metre RX sensor with plastic BNC connector.

Code	Standard Pack	Standard weight in kg	Standard volume in m^3
21539	1	0.3	0.001



PH SENSOR KIT

ASTRALPOOL

Includes pH sensor, buffer solutions, sensor holder, level sensor. For Exactus.

Code	Standard Pack	Standard weight in kg	Standard volume in m^3
56122	1	-	-



RX SENSOR KIT

ASTRALPOOL

Includes RX sensor, buffer solutions, sensor holder, level sensor. For Exactus.

Code	Standard Pack	Standard weight in kg	Standard volume in m^3
56124	1	-	-



CL SENSOR

ASTRALPOOL

For CL Exactus model.

Code	Standard Pack	Standard weight in kg	Standard volume in m^3
45896	1	-	-

DOSING PUMPS FOR COMMERCIAL POOLS



SENSOR HOLDER FOR CHAMBER

ASTRALPOOL

Code	Standard Pack	Standard weight in kg	Standard volume in m^3
01305	1	0.3	0.001



SENSOR HOLDER (PRESSURE)

ASTRALPOOL

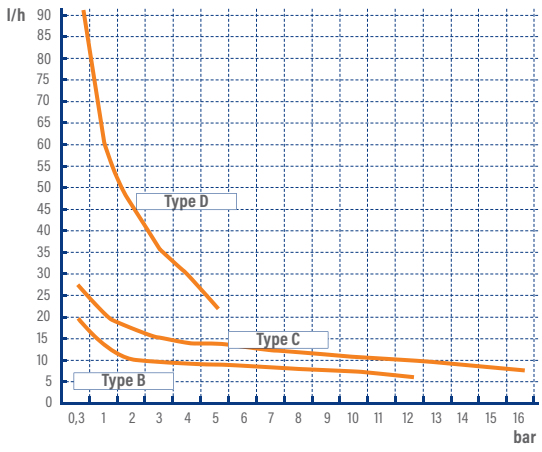
For working with pressure.

Code	Standard Pack	Standard weight in kg	Standard volume in m^3
01306	1	0.3	0.001

OPTIMA DOSING PUMPS

ASTRALPOOL

+ The OPTIMA dosing pump represents the development of more than 30 years of experience in the automatic dosing field.
+ This series reduces the number of pumps required to meet the various dosing needs.
+ The OPTIMA dosing pump series, with its power supply technology from 90, VCA to 265 VCA and at 50-60 Hz, ensures a precision and reliability never seen before.
+ Integration of many functions due to its simple programming, an alphanumeric display, the possibility of multilingual programming of the menu and a technology which permit controlled flow rate and back pressure.
+ Allows to use the same model for various applications providing a great versatility.
+ Systems manufactured in compliance with EC standards.
+ IP5 protection. 90-265V AC 50/60 Hz power supply.
+ Components in contact with chemicals are made of polypropylene, Viton, Teflon and PVC. (Other materials are available if made to order.)
+ Acid-resistant casing.
+ Moisture-resistant membrane push buttons.
+ Built-in purge valve.
+ No lubrication and little maintenance work required.
+ Sensors and calibration solutions not included.
+ Also available with a peristaltic pump (see page 234).



Sensors				
pH sensor with calibration solutions (Code: 36004)	▪		▪	
Redox sensor with calibration solutions (Code: 36005)		▪		▪

DOSING PUMPS FOR COMMERCIAL POOLS



OPTIMA CONSTANT FLOW RATE

In OPTIMA constant flow rate analogue dosing pumps, the flow rate can be set as a percentage using the potentiometer under the front panel, which modifies the pump's operation frequency.

The pumps in this range have an level inlet sensor.

Double scale adjustment: the maximum dosing frequency can be divided into 5. This double scale allows users to have two pumps with a single unit.

Power supply from 90 to 230 VCA at 50-60 Hz with plug and switch

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Adjustable manual Optima pump				
B-type pump of 5-10 bar and 2-5 l/h	57132	1	3.5	0.01
C-type pump of 5 bar and 10 l/h	57133	1	4.5	0.01
D-type pump of 5 bar and 120 l/h	57135	1	4.5	0.01



OPTIMA NEXT CONSTANT FLOW RATE

The flow rate is fully adjustable from the flow meter. Power supply from 90 to 230 VCA at 50-60 Hz without plug.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Adjustable Optima manual pump at 8 bar and 5 l/h	66164	1	-	-



OPTIMA PROPORTIONAL

and volumetric

OPTIMA pumps provide all the functions of proportional dosing in a single model.

Features:

- Proportional with analogue signals 4 - 20 mA.
- Proportional with digital signals and the possibility of:
- Multiplying the input impulses (1:n)
- Dividing the input impulses (n:1)
- Function in ppm
- The pump has a memory function for processing input impulses dosing
- Level alarm with pump disconnection.
- Maximum dosing flow rate to prevent overdosing.
- Password for protecting programmed data
- Possibility of alarm connection
- Power supply from 90 to 265 VCA at 50-60 Hz with plug

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Type B Model 7-10 bar and 5 litres	57136	1	3.5	0.01
Type C Model 5 bar and 10 litres	57137	1	4.5	0.01
Type D Model 5 bar and 20 litres	57138	1	4.5	0.01

DOSING PUMPS FOR COMMERCIAL POOLS



OPTIMA NEXT PROPORTIONAL

and volumetric

ASTRALPOOL

OPTIMA pumps provide all the functions of proportional dosing in a single model.

Features:

- Proportional with analogue signals 4 - 20 mA.
- Reading of pulses/minute.
- Chemical product minimum level inlet.
- Pulse entry for dosing proportional from pulse emitter counter.
- Remote start/stop.
- Power supply from 90 to 265 VCA at 50-60 Hz without plug.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Model 8 bar and 5 litres	66165	1	-	-



COMPATIBLE NN thing Fluidra Connect compatible

Sensor not included
(see sensors on page 231)
Sensor holder not included
(code 01306)

OPTIMA PH / REDOX

ASTRALPOOL

OPTIMA dosing pump with built-in pH/Redox control. pH/Redox instrument.

Automatic calibration: Calibration by simply pressing a button, with the possibility of controlling the level of sensor efficiency.

Features:

- 90-265 VAC 50/60 Hz power supply
- Manual temperature compensation for pH or optionally automatic via Pt100.
- 4-20mA output for printed register or transmission of the reading.
- Level alarm with pump disconnection or simple warning of lack of product by means of the alarm relay.
- Alarm notifying deactivation of the programmable setpoint across whole of the measurement range.
- Dosing delay time to stop the dosing pump from injecting product in event of sensor malfunction.
- Maximum dosing pump flow rate for preventing overdosing.
- Password for protecting programmed data.
- Possibility of alarm connection.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Type C Optima Redox/pH control dosing pump (10 bar and 5 l/h and 5 bar and 10 l/h)	66179	1	4.5	0.01
Optional:				
PT100 sensor	66758	-	-	-
Flange for PT100	66759	-	-	-

DOSING PUMPS FOR COMMERCIAL POOLS



Sensor not included
(see sensors on page 231)
Sensor holder not included
(code 01306)

OPTIMA NEXT PH / REDOX

OPTIMA dosing pump with built-in pH/Redox control instrument.

Automatic calibration by simply pressing a button, with the possibility of controlling the degree of sensor efficiency.

Features:

- Power supply from 90 to 265 VCA at 50-60 Hz without plug
- Manual temperature adjustment for pH or optional automatic adjustment with PT100 (sensor not included).
- Level control input.
- Remote off control.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Optima Next dosing pump redox control/pH control at 8 bar and 5 l/h	66166	1	-	-



OPTIMA BRACKET for mounting above tank

Optional bracket for mounting the OPTIMA series and pH Basic Plus in a horizontal position, for example on top of a chemical products tank.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
	36830	1	0.1	0.002



PERISTALTIC DOSING PUMPS

90/260V 50/60 Hz electrical connection.

The installation kit includes:

- Transparent glass-type flexible 2-m PVC suction pipe.
- Semi-rigid white polyethylene 2-m return pipe.
- 3/8" BSP m. injection valve.
- Pool floor filter.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Peristaltic pump 4 l/h (3 bar)	57179	1	-	-
Peristaltic pump 12 l/h (1 bar)	57178	1	-	-



POLYETHYLENE CYLINDRICAL TANKS

To hold chemicals for dosage pumps.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Capacity: 125 l	01314	1	4.5	0.120
Capacity: 250 l	01315	1	10.0	0.390
Capacity: 350 l	01316	1	14.0	0.510
Capacity: 500 l	01317	1	21.5	0.760
Capacity: 1000 l	28831	1	-	-

DOSING PUMPS FOR COMMERCIAL POOLS



MANUAL STIRRER

ASTRALPOOL

For Polyethylene tanks.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Length 60 cm	01318	1	0.5	0.010
Length 90 cm	01319	1	1.2	0.020

CONTINUOUS FLOCCULATION SYSTEM



FLOC SYSTEM

ASTRALPOOL

Automation flocculant dosing adjustable flow water pools. Includes: adjustable pump from 151 cm³/h until 1.5 l/h, injector valve, bottom filter, suction and return tube.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
	54528	1	1	0.0044

WATER METERS



WOLTMAN TYPE TURBINE METERS

ASTRALPOOL

Axial turbine meter, Woltmann type, direct reading on numbered rollers. Dry dial counter, with magnetic drive. Clockwork and easily removable turbine.

Pre-equipment of pulse transmitter with plug and play system, with non-configurable pulse emitter. Meters between DN50 and DN125: 1 pulse each 100 liters and between DN150 and DN200: 1 pulse every 1000 litres. Ask for other configuration.

- No need for rectilinear sections, neither at the entrance nor at the exit of the meter. U0-D0.
- High precision in the measurement Metrology R160 horizontal position and vertical R100.
- Vacuum sealed dial(IP68).
- Cold water use 0,1 - 30°C.
- The Predator water meter can reach up to 16 bar.
- Potable water and irrigation type certificate.
- Easy installation of the pulse emitter.
- Pulse transmitter cable not included (code 71721)..



	Code	Standard Pack	Standard weight in kg	Standard volume in m³
	71714	1	-	-
	71715	1	-	-
	71716	1	-	-
	71717	1	-	-
	71718	1	-	-
	71719	1	-	-
	71720	1	-	-
	71721	1	-	-

AUTOMATIC REGULATION AND CONTROL EQUIPMENT



60359



60361



60362

Fluidra Connect compatible



AP PR-200

Compatible with water electrolysis

The expert's choice for dosing control. The built-in panels based on Series AP PR controllers provide the best solution for the plug & play devices pre-assembled on the panel. There are several versions for the control of the water's pH, ORP and FREE CHLORINE levels.

AP PR-200 equipment is compatible with the Easy Salt, Easy Salt Next, ProChlore Salt, Nature Salt and Neolysis ranges.

This is also the recommended solution for experts whenever several chlorination systems must be controlled at the same time from a single control and regulation panel (multiple control through the KIT TRI).

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
AP PR-206 pH/ORP	60359	1	-	-
AP PR-207 pH/Cl2 PPM	60361	1	-	-
AP PR-204 Cl2 PPM	60362	1	-	-
With integrated TRI KIT				
AP PR-206 pH/ORP	60359-KIT TRI	1	-	-
AP PR-207 pH/Cl2 PPM	60361-KIT TRI	1	-	-
AP PR-204 Cl2 PPM	60362-KIT TRI	1	-	-
Optional:				
TRI kit, 3-unit simultaneous control	70338	1	-	-

Fluidra Connect compatible

CONTROL CONNECT

The smart multi-setting controller

A range of multi-setting control panels with colour touchscreen. Easy and efficient control of water sanitation. Fully automated pool water treatment.

- Multi-function TFT colour touchscreen.
- 4 programmable timer relays and 4 digital inputs.
- Poolstation (Ethernet as standard).
- Fluidra Connect Compatible.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
pH / ORP / Temp. with in-line sensor holder	71537	1	5.85	-
pH / ORP / Temp. with panel sensor holder	71538	1	6.85	-
pH / Cl (ppm) / Temp. with panel sensor holder	71539	1	6.85	-



71537 71538 71539

AUTOMATIC REGULATION AND CONTROL EQUIPMENT

AMPEROMETRIC CHLORINE Sensors



60645 60646 60647

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Free Chlorine Sensor	60645	1	0.22	-
ECC1 Electrolyte / Gel	60646	1	0.07	-
Membrane for CL.01.02	60647	1	0.02	-

PH / ORP SENSORS



60648 60649

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
pH combined sensor	60648	1	0.20	-
ORP sensor	60649	1	0.20	-

CALIBRATION SOLUTIONS



60618 60632 60633

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Buffer solution pH 7.0 - 30 mL (Green)	60618	1	0.053	-
Buffer solution pH 4.0 - 30 mL (Red)	60632	1	0.058	-
Calibration solution 470 mV - 30 mL	60633	1	0.060	-

POOL PATROL



The Colorimetric controller unit gives a reply to the demand of the Swimming Pool Market requiring compact, easy and low maintenance device, with IP65 enclosure. The available measures are: Free Chlorine (DPD1), pH, Redox (ORP), Temperature. Thanks to its internal graphic display it is possible to have all measures displayed at the same time. The Plastic Cover assures an easy accessibility to the hydraulic part.
Includes: Measuring instrument, flow detector by temperature, pH sensor, ORP sensor, pH calibration solutions, ORP calibration solutions and DPD2 bottle.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Pool Patrol	54527	1	-	-



GUARDIAN POOL

ASTRALPOOL

+ A fully automated electronic control unit with potentiometric measurements of pH and Redox potential or an amperometric measurement selective chlorine

The new Guardian Pool unit combines traditional control and dosing elements with a total digital control of its values that facilitates the management of the pool parameters, as well as its history to analyse or detect possible errors. Guardian Pool stands out for its high performance in the control and regulation of chemical products for use in private pools and public pools. Innovative design 7" high resolution touch screen display, firmware update through its USB port, which is also used for downloading the swimming pool data, and a great feature is the WIFI communication, to control the equipment through any mobile device, tablet or PC, inside its radius of range.

Advantages:

- New intuitive and user friendly multilingual user interface.
- Depending on model, simultaneous readings of pH, ORP, Temperature, Free Chlorine, Total Chlorine, Combined Chlorine and Turbidity.
- Internal datalogger with 4Mb of memory, up to 16,000 records, with the possibility of downloading data, displaying graphs and displaying the screen at the time of data input.
- Display of alarms by parameter.
- Chlorine measurement sensor, using Sodium Hypochlorite, Dichlor, Trichlor or Salt Chlorine, with stable reading up to 500 ppm of Isocyanuric Acid.
- Possibility to use electrodes for Bromine, Peroxide, Peracetic, Ozone ....
- 2 control relays for pH and Free Chlorine parameters, powered at 230V 50/60Hz 6A.
- 1 control relay powered for ORP at 230V 50/60Hz 6A.
- 1 control relay for Temperature 230V 50/60Hz with the possibility of associating it to Total Chlorine or Combined Chlorine.
- 2 alarm relays, potential free, configurable to any measurement, including flow rate, or as a general system alarm.
- RS485 Modbus Fluidra Connect RS485 communication port.
- Electrode holder with LED lighting for failure identification.



72700



72701



72702



72703



72704



72705

Technical Specifications:

- Innovative design.
- 7 " touch screen (240x128 pixels backlit display).
- Modular probel holder
- Digital central with full access to all its parameters.
- Easy to use.
- For pools dosed with stabilized chlorine (solid), non-stabilized chlorine (liquid or solid), or bromine.
- Includes double relay outputs for each parameter, adjustable 4-20 mA outputs
- WiFi module with internal Webserver page settings
- Fluidra connect compatible
- Multilingual menu
- The signal inputs of the sensors are galvanically isolated.
- USB port for download parameter and Firmware upgrade function.
- Adjusting the proportional dosage on proportional pump .

Fluidra Connect compatible

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Guardian Pool 1	72700	1	-	-
Guardian Pool 2	72701	1	-	-
Guardian Pool 3	72703	1	-	-
Guardian Pool 4	72702	1	-	-
Guardian Pool 5	72704	1	-	-
Guardian Pool 6	72705	1	-	-

Model		Guardian Pool 1	Guardian Pool 2	Guardian Pool 3	Guardian Pool 4	Guardian Pool 5	Guardian Pool 6
		Chlorine 10 ppm	Chlorine 2 ppm	pH / ORP	pH / Chlorine 10 ppm	pH / ORP / °C / Chlorine 10 ppm(1)	pH / ORP / °C / Free and Total Chlorine 10 ppm / NTU(1)
Code		72700	72701	72703	72702	72704	72705
Water uses		Drinking water	Drinking water	Residential / Commercial Pools	Commercial Pools	Commercial Pools	Commercial Pools
Sensors	pH			✓	✓	✓	✓
	ORP(2)			✓		✓	✓
	Temperature	✓	✓	✓	✓	✓	✓
	Free Chlorine 2 ppm		✓				
	Free Chlorine 10 ppm	✓			✓	✓	✓
	Total Chlorine 10 ppm						✓
	Combined Chlorine						✓
	Turbidity 10 NTU						✓

(1) PT-100 temperature sensor included. (2) ORP probe with gold cathode (Au).



CONTROLLER

ASTRALPOOL

The panels in the CONTROLLER range are fully equipped and assembled systems. They are therefore ideal for use in water treatment.

Their simple, compact design makes installation and start-up extremely easy.

They come with all of the components and accessories required for rapid assembly. All assemblies are made of PVC sheets, in various sizes depending on the model.

Fluidra Connect compatible

General technical features

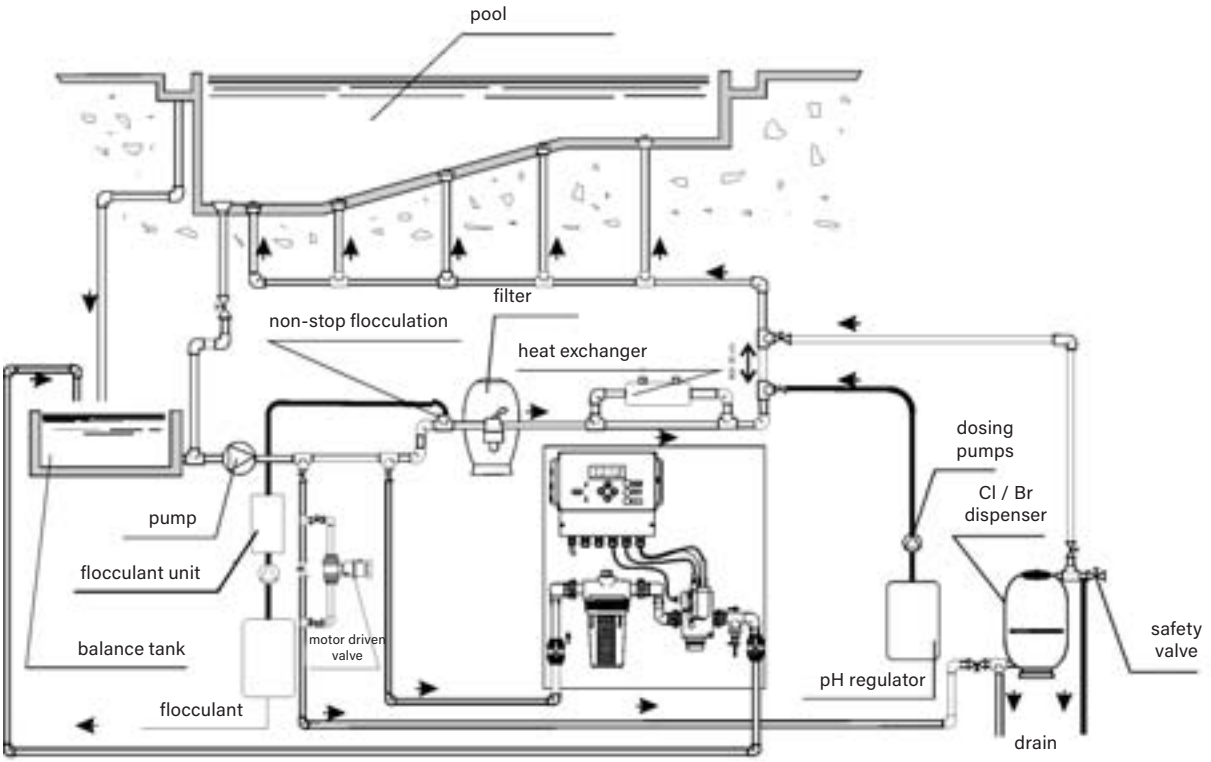
- Range of available sizes depending of the sensor selected.
- Range available for free chlorine: 0-2, 0-5 0-10, 0-20 and 0-200 ppm.
- pH range: 0–14.
- ORP range: +/-1500 mV.
- Temperature range: 0–50°C.
- Measurement of stable chlorine with low pH dependence.
- Self-calibration of all sizes.
- Alarm signal if water flow is insufficient.
- Instrument with IP65 protection rating.
- 250 V-10 A relays for connecting dosing pumps or salt chlorinators.
- 4-20 mA analogue outlets with repeat signal or manifold for proportional pumps.
- Power supply: 230 V / 50 Hz.
- Setpoints and programmable alarms.
- Pump pause function during calibration and for stopping flow.
- Temperature readings and readjustment (automatic with PT100 sensor included).
- Three types of setpoint settings. On/Off, Proportional in Time and Proportional by Pulses.
- RS485 communications port.

Components included in the assembly:

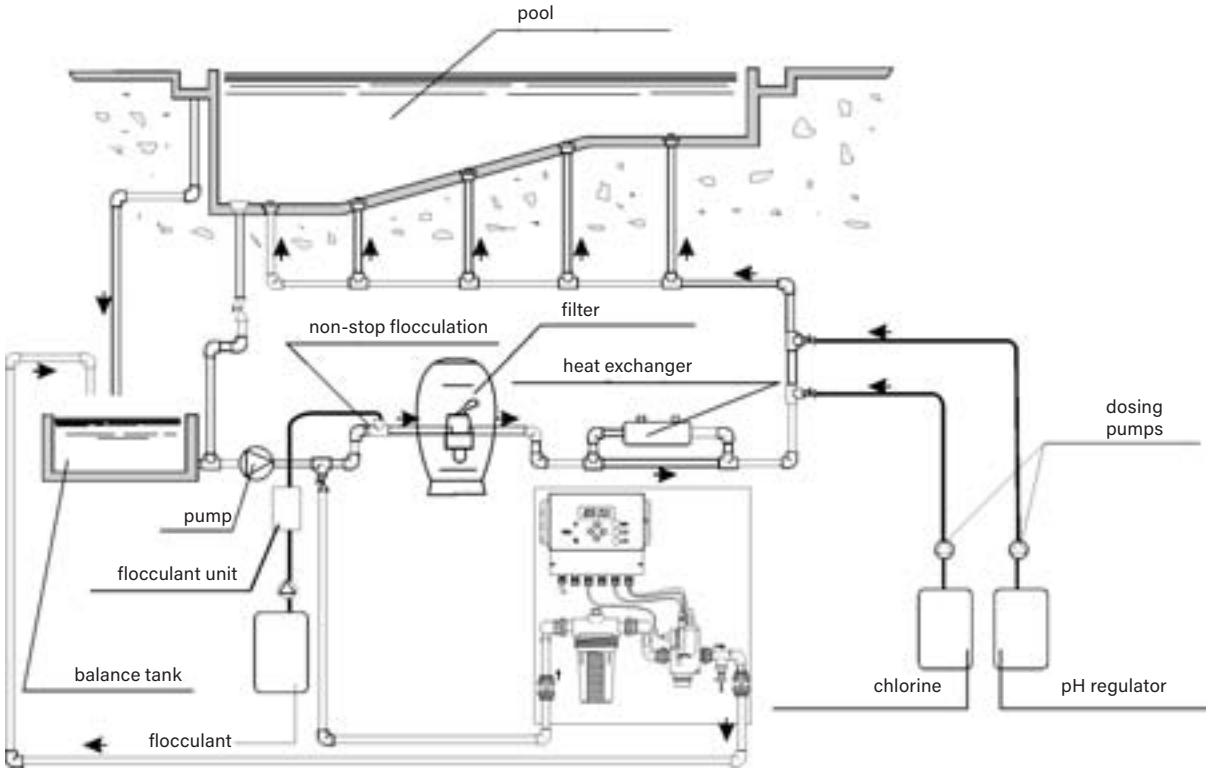
- Methacrylate sensor holder, with flow regulator, sample taking valve and flow sensor.
- Filter holder and 80 micron filter cartridge for water inlet.
- DPD calibration standard solutions.
- Assembly accessories, and instruction and installation manual.
- Sensors depending on version.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Controller pH / Redox	66178	1	-	-
Controller pH / Free Chlorine	66177	1	-	-
Controller pH / ORP / Free Chlorine	66176	1	-	-
Controller Free Chlorine	66175	1	-	-
pH/Amperometric-free chlorine sensor	66168	1	-	-
pH/ORP/Amperometric free chlorine sensor	66169	1	-	-
Controller pH / ORP / Free Chlorine / Total amperometric chlorine	66170	1	-	-

INSTALLATION DIAGRAM FOR ORGANIC CHLORINE OR BROMINE



INSTALLATION DIAGRAM FOR INORGANIC CHLORINE





CLEANING

244 AUTOMATIC COMMERCIAL POOL CLEANERS

244 Vortrax TRX 7500 iQ
245 Vortrax TRX 7700 iQ
246 Arco
247 Arcomax

ZODIAC®

AUTOMATIC COMMERCIAL POOL CLEANERS

TRX 7500 IQ - VORTRAX

ZODIAC®



Specifically designed for intensive use in small to medium public pools. Tough, smart and ultra-efficient.

Sensor Nav Sytem™: intelligent and personalised cleaning with anti-tangle compass system without the need of swivel.

New Heavy-duty materials and traction system for intensive use.

Ultra-powerful & long lasting suction.

Designed for a professional use in public swimming pools for hotels, campsites and sports centers.

	Code
Standard Model	WR000413

Accessories

Trolley
Control box
Dual-Stage filter 150 + 60µ (with possibility to use 150µ alone)
Contact Brushes
Free app

FOR WHICH TYPE OF POOLS?

Types of pools	Small to medium public pools (hotels, campsites, apartments) with rigid walls, up to 20m length
Pool shapes	Rectangular, oval, freeshape
All Floors	Flat, gentleslope, composite slope, diamond shape
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

DESCRIPTION

Cleaning areas	Floor /walls/ waterline
Number / Length of cleaning cycles	Multiple from 0h30 to 6h00 with preset cycles: -Quick: floor only 1h15 -Smart: floor / walls / waterline (calculated time) -Ultra: floor / walls / waterline (2h45)
Timer / Delayed start	7-days timer / Up to 3h delayed start
Power supply	Autonomous, connected to 230V main supply before the transformer
Steering	Pre-programmed
Drive system	Tracks system drive - 2 motors
Transmission	Gear transmission with reinforced components
Pressure sensor	Yes
Brushes	Yes (Contact + ZZ Brushes)
Lift System	Yes
Full filter indicator	Yes
Remote control	Remote control mode (with app)
Water temperature measure-ment	Yes
Pressure depth sensor	Yes
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister with access over the cleaner
Units / pallet	12

TECHNICAL SPECIFICATIONS

Number of motors	3
Control box supply	200-240 VAC ; 50 / 60Hz
Power supply	30 VDC
Operating power	150 W
Cable length / Hose length	25m
Cleaner size (L x W x h)	47 x 51 x 29 cm
Packaging size (L x W x h)	56 x 56 x 46 cm
Cleaner weight	11 kg
Packaging weight	21 kg
Filtering surface and level	1180 cm^3
Filtering capacity	5L
Inlet suction size / /Cleaned width	24.5 cm

OPTIONAL ACCESSORIES (NOT INCLUDED)

Fine filter canister 100µ	Fine filter canister 200µ
R0863600	R0863700

AUTOMATIC COMMERCIAL POOL CLEANERS



TRX 7700 IQ - VORTRAX

ZODIAC®

Specifically designed for intensive use in public pools tough, smart and ultra-efficient

Ultrasonic sensors to detect walls and obstacles

SensorNavSytemTM:intelligentandpersonalisedcleaningwith anti-tangle compass system without the need of swivel

New Heavy-duty materials and traction system for intensive use

Ultra-powerful &longlastingsuction

Designed for a professional use in public swimming pools for hotels, campsites and sports centers

3 YEAR WARRANTY*

ULTRASONIC SENSOR

Sensor Nav System

TRACKS TRACTION

PATENTED CYCLONE SUCTION

AquaLink CONTROL

PATENTED LIFT SYSTEM®

	Code
Standard Model	WR000414

Accessories

Trolley
Control box
Dual-Stage filter 150 + 60µ (with possibility to use 150µ alone)
Contact Brushes
Free app

FOR WHICH TYPE OF POOLS?

Types of pools	Public pools (hotels, campsites, sports centers) with rigid walls, up to 25m length
Pool shapes	Rectangular, oval, freeshape
All Floors	Flat, gentleslope, composite slope, diamond shape
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

DESCRIPTION

Cleaning areas	Floor /walls/ waterline
Number / Length of cleaning cycles	Multiple from 0h30 to 6h00 with preset cycles: -Quick: floor only 1h15 -Smart: floor / walls / waterline (calculated time) -Ultra: floor / walls / waterline (2h45)
Timer / Delayed start	7-days timer / Up to 3h delayed start
Power supply	Autonomous, connected to 230V main supply before the transformer
Steering	Pre-programmed
Drive system	Tracks system drive - 2 motors
Transmission	Gear transmission with reinforced components
Pressure sensor	Yes
Brushes	Yes (Contact + ZZ Brushes)
Lift System	Yes
Full filter indicator	Yes
Remote control	Remote control mode (with app)
Ultrasonic sensors	Yes
Water temperature measure-ment	Yes
Pressure depth sensor	Yes
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister with access over the cleaner
Units / pallet	12

TECHNICAL SPECIFICATIONS

Number of motors	3
Control box supply	200-240 VAC ; 50 / 60Hz
Power supply	30 VDC
Operating power	150 W
Cable length / Hose length	30m
Cleaner size (L x W x h)	47 x 51 x 29 cm
Packaging size (L x W x h)	56 x 56 x 46 cm
Cleaner weight	13 kg
Packaging weight	24 kg
Filtering surface and level	1180 cm^3
Filtering capacity	5L
Inlet suction size / /Cleaned width	24.5 cm

OPTIONAL ACCESSORIES (NOT INCLUDED)

Fine filter canister 100µ	Fine filter canister 200µ
R0863600	R0863700

AUTOMATIC COMMERCIAL POOL CLEANERS



ARCO

ZODIAC®

Specifically designed for intensive use in public pools tough, smart and ultra-efficient

Ultrasonic sensors to detect walls and obstacles

SensorNavSytemTM:intelligentandpersonalisedcleaningwith anti-tangle compass system without the need of swivel

New Heavy-duty materials and traction system for intensive use

Ultra-powerful &longlastingsuction

Designed for a professional use in public swimming pools for hotels, campsites and sports centers

2 YEAR WARRANTY

PROFESSIONAL ADVICE RECOMMENDED

DELAYED START

SMART NAVIGATION

INFRARED SENSOR

30 MIN TURBO MODE

	Code
Standard Model	WR000396

Accessories

Trolley
Remotecontrol
Capacitative control box
Dual bag filter
Free Bluetooth® app

FOR WHICH TYPE OF POOLS?

Types of pools	Medium public pools (sports centers, institutional pools, hotels) with rigid walls, up to 30 m length
Pool shapes	Rectangular, oval, freeshape
All Floors	Flat, gentleslope, composite slope, diamond shape
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

DESCRIPTION

Cleaning areas	Floor /walls
Number / Length of cleaning cycles	Multiple with preset cycles -Floor Mode: floor -Wall and floor mode: floor walls and waterline/ -Delayed start: the 2 cleaning modes will start with 3 hours delayed
Delayed start	Yes up to 3 hours
Power supply	Autonomous, connected to 230V main supply before the transformer
Steering	Pre-programmed
Drive system	Tracks system drive -2 motors
Transmission	Belt transmission with reinforced components
Infrared sensor	Yes
Brushes	PVA
Full filter indicator	Yes
Remote control	Yes (Bluetooth®)
Filtration system / access	Dual bag filter with access under the cleaner
Units / pallet	9 / pallet

TECHNICAL SPECIFICATIONS

Number of motors	3
Control box supply	110-240 VAC ; 50 / 60 Hz
Power supply	24 VDC
Operating power	150 W
Cable length / Hose length	30 m
Cleaner size (L x W x h)	43 x 43 x 54 cm
Packaging size (L x W x h)	80 x 40 x 60 cm
Cleaner weight	9 kg
Packaging weight	22 kg
Filtering capacity	3.1 kg
Max depth	5 m
Inlet suction size / Cleaned width	40 cm

AUTOMATIC COMMERCIAL POOL CLEANERS



ARCOMAX

ZODIAC®

Designed for a heavy-duty and intensive use in medium and big public pools

Infrared sensor to detect walls and obstacles

Gyroscope and compass smart navigation system

Heavy-duty traction system with tracks for intensive use

Ultra-powerful suction

Remote control for manual use

Designed for a professional use in medium and big public swimming pools for swimming centers, institutional pools, sports centers and campsites

2 YEAR WARRANTY

PROFESSIONAL ADVICE RECOMMENDED

DELAYED START

SMART NAVIGATION

INFRARED SENSOR

30 MIN TURBO MODE

	Code
Standard Model	WR000397

Accessories

Trolley
Remotecontrol
Capacitative control box
Dual bag filter
Free Bluetooth® app

FOR WHICH TYPE OF POOLS?

Types of pools	Medium and big public pools (swim and sports centers, institutional pools) with rigid walls, up to 50 m length
Pool shapes	Rectangular
All Floors	Flat, gentleslope, composite slope, diamond shape
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

DESCRIPTION

Cleaning areas	Floor /walls
Number / Length of cleaning cycles	Multiple with preset cycles -Floor Mode: floor -Wall and floor mode: floor walls and waterline/ -Delayed start: the 2 cleaning modes will start with 3 hours delayed
Delayed start	Yes
Power supply	Autonomous, connected to 230V main supply before the transformer
Steering	Pre-programmed
Drive system	Tracks system drive -2 motors
Transmission	Belt transmission with reinforced components
Infrared sensor	Yes
Brushes	PVA
Full filter indicator	Yes
Remote control	Yes (Bluetooth®)
Filtration system / access	Dual bag filter with access under the cleaner
Units / pallet	3 / american pallet

TECHNICAL SPECIFICATIONS

Number of motors	3
Control box supply	110-240 VAC ; 50 / 60 Hz
Power supply	24 VDC
Operating power	150 W
Cable length / Hose length	40 m
Cleaner size (L x W x h)	80 x 43 x 54 cm
Packaging size (L x W x h)	90 x 51 x 62 cm
Cleaner weight	18 kg
Packaging weight	28 kg
Filtering capacity	5.1 kg
Max depth	5 m
Inlet suction size / Cleaned width	80 m



POOL LIGHTING

250 NEW ENERGY EFFICIENCY LABEL

251 ASTRALPOOL LUMIPLUS - LED LIGHTING

251 Lighting selection guides for pools
255 LED LumiPlus Flexi
258 LED LumiPlus Flexi Mini
260 LED LumiPlus Design
260 Projector Design
260 Niches for projector Design
261 LumiPlus MICRO projectors
261 LED LumiPlus Micro
262 LED LumiPlus Lamps PAR 56
262 LumiPlus lamps for PAR56 V1 projectors
262 LumiPlus lamps for PAR56 V2 projectors
264 LED LumiPlus Essential
268 LED LumiPlus for SPA
268 LumiPlus projectors for SPA
269 Control system selection guide

274 ZODIAC LED NL

277 Standard light
278 Mini light

282 TRANSFORMERS AND ACCESSORIES

286 Outdoor lighting
Starlight portable lights

287 AQUARMONY UNDERWATER MUSIC SYSTEM



Energy efficiency

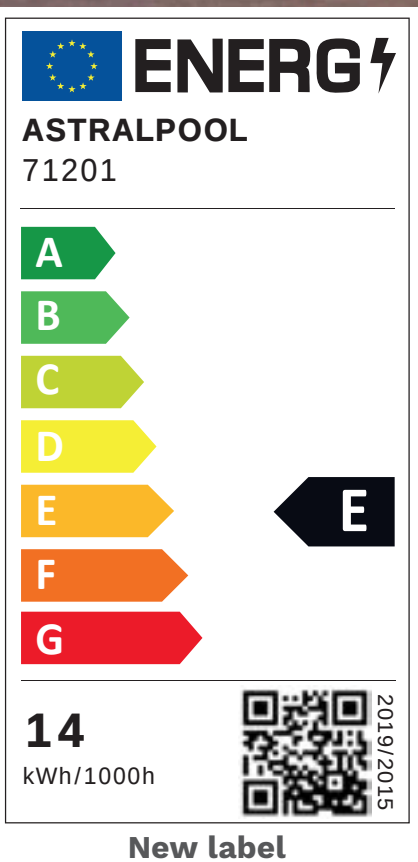
New European regulation of energy labeling for lamps and projectors

NEW ENERGY EFFICIENCY LABEL FOR LIGHTING

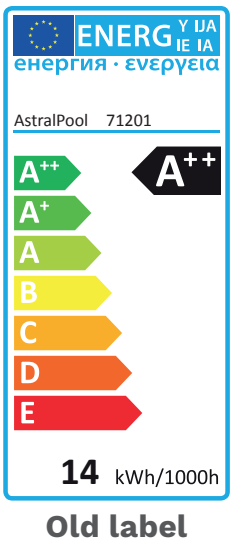
The European Union launches the European Regulation EU 2019/2015 on new energy efficiency labeling in lamps and projectors that starts on September 1st, 2021 and repeals the European Regulation EU 874/2012.

The new Energy Efficiency label allows:

- Providing more information to the installer and customer. Thanks to the new QR code will access the European EPREL base, where the characteristics of the product are available.
- Carrying out a new energy classification promotes evolution of lighting technology.
- Greater control of products manufactured in the EU, with the QR code.



New label



Old label

The new classification must be marked on the unit packagings with the label, and in catalogs and product data sheets with the symbol below.



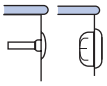
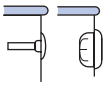
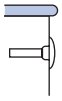
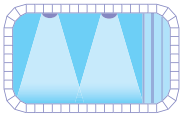
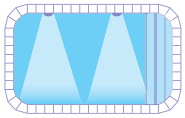
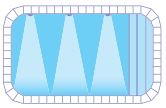
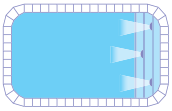
LED LIGHTING - LUMIPLUS

LIGHTING SELECTION GUIDE

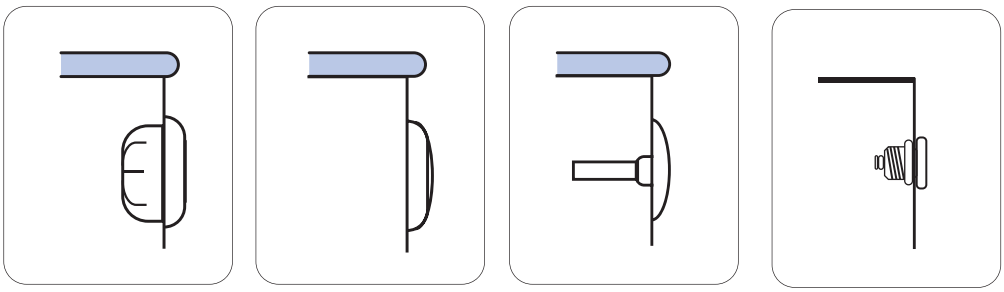
LumiPlus WHITE LIGHT AC projectors

Lumiplus **white light AC** projectors are **12Vac**.

To complete the installation of these projectors it is needed to choose the support, that is the niche, inlet, or corresponding fixation. You will find them in page 280.

	POOL BASIN								STAIRS	
	LumiPlus V2				LumiPlus V1			LumiPlus V2	LumiPlus V1	Micro
										
	FlexiNiche	FlexiSlim	FlexiRapid	Design	FlexiNiche	FlexiSlim	FlexiRapid	FlexiMini V2	FlexiMini V1	Micro
Type of installation										
Luminous flux	4 320 lm	4 320 lm	4 320 lm	4 320 lm	1 485 lm	1 485 lm	1 485 lm	900 lm	450 lm	315 lm
Consumption	32 W (42VA)	32 W (42VA)	32 W (42VA)	32 W (35VA)	14,5 W (20VA)	14,5 W (20VA)	14,5 W (20VA)	7,2 W (10,5 VA)	3,5 W (6VA)	4 W (6VA)
Energy efficiency	D	D	D	D	E	E	E	D	D	F
Light color temperature	W 5.700K WW 3.000K	W 5.700K WW 3.000K	W 5.700K WW 3.000K	W 5.700K WW 3.000K	W 5.700K WW 3.000K	W 5.700K WW 3.000K	W 5.700K WW 3.000K	W 5.700K WW 3.000K	W 5.700K WW 3.000K	W 5.700K WW 3.000K
Decorative ring color	White, Beige, Grey, Anthracite, S. steel	White, Beige, Grey, Anthracite	White, Beige, Grey, Anthracite	White, S. Steel Effect	White, Beige, Grey, Anthracite, S. steel	White, Beige, Grey, Anthracite	White, Beige, Grey, Anthracite	White, Beige, Grey, Anthracite, S. steel	White, Beige, Grey, Anthracite, S. steel	White, S. steel
Lighting area	 25m² x projector				 20m² x projector			 FlexiMini V2 12m²	 FlexiMini V1 6m² Micro 5m²	

Types of installation guide:



Niche | Surface mounted | Nozzle or Pipe | SPA

LED LIGHTING - LUMIPLUS

LIGHTING SELECTION GUIDE

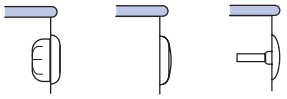
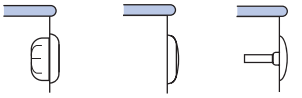
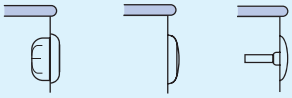
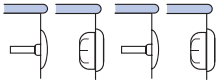
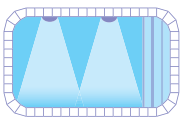
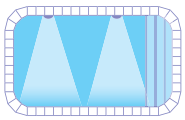
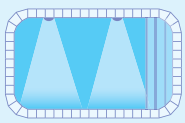
LumiPlus HIGH EFFICIENCY WHITE LIGHT DC projectors

Lumiplus white light DC projectors are 24Vac.

Advantages of DC vs AC projectors:

- High energy efficiency
- Incudes power pack
- Voltage drop reduction, the section of the electrical cable can be smaller than the AC projectors
- Supplied power pack protects projectors from power surges

To complete the installation of these projectors it is needed to choose the support, that is the niche, inlet, or corresponding fixation. You will find them in page 280.

	POOL BASIN									STAIRS	
	LumiPlus V2			LumiPlus V1			LumiPlus V1 *Max. Efficiency*			LumiPlus FlexiMini	
											
	FlexiNiche	FlexiSlim	FlexiRapid	FlexiNiche	FlexiSlim	FlexiRapid	FlexiNiche	FlexiSlim	FlexiRapid	FlexiMini V2	FlexiMini V1
Type of installation											
Luminous flux	4 320 lm	4 320 lm	4 320 lm	1 485 lm	1 485 lm	1 485 lm	1 485 lm	1 485 lm	1 485 lm	900 lm	450 lm
Consumption	32 W (32VA)	32 W (32VA)	32 W (32VA)	14 W (14VA)	14 W (14VA)	14 W (14VA)	8,7 W (8,7VA)	8,7 W (8,7VA)	8,7 W (8,7VA)	6,8 W (6,8 VA)	3 W (3VA)
Energy efficiency	D	D	D	E	E	E	B	B	B	D	C
Light color temperature	W 5.700K / WW 3.000K										
Decorative ring color	White, Beige, Grey, Anthracite, S. steel										
Lighting area	 25m² x projector			 20m² x projector			 20m² x projector			 FlexiMini V2 12m² FlexiMini V1 6m²	

LED LIGHTING - LUMIPLUS

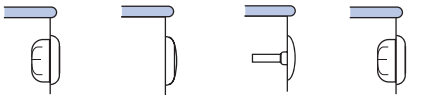
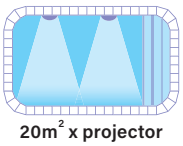
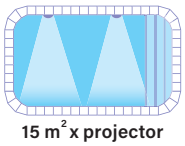
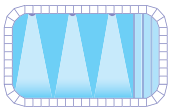
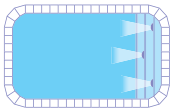
LIGHTING SELECTION GUIDE

LumiPlus RGB LIGHTS projectors

Lumiplus RGB light AC projectors are 12Vac.

To complete the installation of these projectors it is needed to choose the support, that is the niche, inlet, or corresponding fixation. You will find them in page 280.

On page 270 you will find various control systems to be able to change the color, color sequence, automatic shutdown, etc, of any projector that is mentioned below.

	POOL BASIN									STAIRS
	LumiPlus V2				LumiPlus V1			LumiPlus FlexiMini & Micro		
										
	FlexiNiche	FlexiSlim	FlexiRapid	Design	FlexiNiche	FlexiSlim	FlexiRapid	FlexiMini V2	FlexiMini V1	Micro
Type of installation										
Luminous flux	2 544 lm	2 544 lm	2 544 lm	2 544 lm	1 100 lm	1 100 lm	1 100 lm	600 lm	300 lm	186 lm
Consumption	43 W (54VA)	43 W (54VA)	43 W (54VA)	32 W (42VA)	22 W (29VA)	22 W (29VA)	22 W (29VA)	8 W (11,5 VA)	3.8 W (6,5VA)	4 W (7VA)
Energy efficiency	G	G	G	G	G	G	G	F	F	G
Decorative ring color	White, Beige, Grey, Anthracite, S. steel	White, Beige, Grey, Anthracite	White, Beige, Grey, Anthracite	White, Efecto inox	White, Beige, Grey, Anthracite, S. steel	White, Beige, Grey, Anthracite	White, Beige, Grey, Anthracite	White, Beige, Grey, Anthracite, S. steel	White, Beige, Grey, Anthracite, S. steel	White, S. steel
Lighting area	 20m² x projector				 15 m² x projector			 FlexiMini V2 8m²	 FlexiMini V1 4m² Micro 3m²	

LED LIGHTING - LUMIPLUS



AstralPool LumiPlus is the most extensive family in the market of underwater spotlights for public, commercial and residential pools.

The entire LumiPlus range is made of high-quality LEDs and electronic components, and is manufactured entirely in the EU to European quality standards.

The AstralPool LumiPlus family delivers:

- Greater energy efficiency.
- High performance projectors with top quality lighting (TQL) technology.
- Enhanced energy efficiency in pools thanks to the use of LumiPlus DC lamps and projectors run from a direct current power source (24 V DC).
- Great control over the range with the inclusion of the Internet of Pools (IoP) concept by Fluidra Connect.
- IP68 protection rating.
- L70 50000 hours lifespan.

PROJECTOR

LumiPlus Flexi & FlexiMini

The LED solution that adapts to every type of pool

The LumiPlus projectors, Flexi & FlexiMini, are characterised by their more stylish finish and their great adaptability to any type of new-build or existing pool, whether a liner or concrete pool, that can be fitted to niches on the surface or in bushings.

“AstralPool’s LumiPlus Flexi & FlexiMini system delivers top flexibility”



Flexi



Flexi Mini

Energy Efficient

MADE IN EUROPE*

*For Flexi code 71236, and FlexiMini codes 74401 and 74401WW

LumiPlus Flexi

The LED solution that adapts to all types of pool



The family of LumiPlus Flexi spotlights – FlexiNiche, FlexiSlim and FlexiRapid – is characterized by its great adaptability to any type of new-build or existing pool, whether a liner or concrete pool, that can be fitted to niches, on the surface or in bushings. The LumiPlus Flexi system delivers top flexibility.

Its configuration is carried out in two steps in new pools. You need to choose:

1. The color of the light.
2. The faceplate color that best matches your pool, between white, beige, Light grey, anthracite grey and stainless steel (this one only for the FlexiNiche version).

The FlexiNiche version with his unique system of screws can adapt to any niche from diameter 180 up to 230 mm.

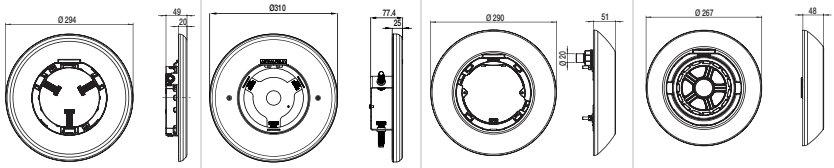
FlexiSlim version is compatible with the brackets for Flat, Extraflat and Slim Projectors by AstralPool.

FlexiRapid is compatible with any bushing with 1"½ internal thread.



Dimensions

LumiPlus FlexiNiche		LumiPlus FlexiSlim	LumiPlus FlexiRapid
Niche Ø 180-230 mm		Walls	Inlets
ABS	Full stainless steel		

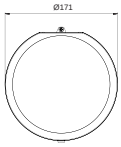


1 Choose the spotlight:	+	2 Choose the decorative ring:	=	Result
White / Warm White / RGB		FlexiNiche		FlexiNiche
		FlexiSlim		FlexiSlim
		FlexiRapid		FlexiRapid

V1
White / Warm White AC
White / Warm White DC
RGB / RGB Wireless AC
V2
White / Warm White AC
White / Warm White DC
RGB AC
RGB DMX AC

Dimensions

Spotlight LumiPlus Flexi



How to install them?

LumiPlus FlexiNiche	LumiPlus FlexiSlim	LumiPlus FlexiRapid

Spotlight features

	Codes	Color of lamp	Consumption	Color temperature	Control system	Efficiency
V1 WHITE : 1485 lm RGB : 1100 lm AC - 12V AC / DC - 24V DC	71200	White AC	14.5 W (20VA)	5 700K	ON / OFF	F
	71200WW	Warm White AC	14.5 W (20VA)	3 000K	ON / OFF	F
	71201	White DC	14 W	5 700K	ON / OFF	F
	71201WW	Warm White DC	14 W	3 000K	ON / OFF	F
	71236	**White DC high efficiency**	**8.7 W**	**5 700K**	**ON / OFF**	B
	71203	RGB AC	22 W (29 VA)	-	LumiPlus ECO / LumiPlus Top / Fluidra Connect / WIFI LED App	G
	71205	RGB WIR AC	22 W (29 VA)	-	Wireless Control Motion	G
V2 WHITE : 4320 lm RGB : 2544 lm AC - 12V AC / DC - 24V DC	71233	White AC	32W (42VA)	5 700K	ON / OFF	D
	71233WW	Warm White AC	32W (42VA)	3 000K	ON / OFF	D
	71202	White DC	32 W	5 700K	ON / OFF	D
	71202WW	Warm White DC	32 W	3 000K	ON / OFF	D
	71204	RGB AC	43W (54VA)	-	LumiPlus ECO / LumiPlus Top / Fluidra Connect / WIFI LED App	G
	71208	DMX RGB AC	43W (54VA)	-	LumiPlus RGB DMX	G

(1) Sea water-proof. ABS versions. (2) For code 71236
AC - Alternating current. DC - Direct current. DC versions are delivered with power pack.

The models with RGB light are compatible with Fluidra Connect.

LUMIPLUS FLEXI PROJECTORS

Components required to install a LumiPlus Flexi

ASTRALPOOL

Choose amongst the components according to your requirements:

- **New-build pools**
- **Replacement without changing niche**

LumiPlus Flexi is made up of 2 components

1 Spotlight — 2 Decorative ring

The 2 components are required for the proper installation.

1 Spotlight

	Code V1	Code V2
White AC LumiPlus Flexi spotlight	71200	71233
Warm White AC LumiPlus Flexi spotlight	71200WW	71233WW
White DC LumiPlus Flexi spotlight	71201	71202
White DC LumiPlus Flexi spotlight High Efficiency	71236	
Warm White DC LumiPlus Flexi spotlight	71201WW	71202WW
RGB AC LumiPlus Flexi spotlight (1)	71203	71204
Wireless AC LumiPlus Flexi spotlight (2)	71205	
Wireless AC 1 PL LumiPlus Flexi spotlight + 1 Control Motion (2)	71206	
Wireless AC 2 PL LumiPlus Flexi spotlight + 1 Control Motion (2)	71207	
RGB DMX AC LumiPlus Flexi spotlight (1)		71208

All spotlights come with a 2.5 m power cable. Power cables of 5 m, 10 m and 15 m available on request.
(1) Choose the most suitable control system (see control systems section).
(2) Compatible with ABS trim solutions.

2 Decorative ring with fitting

	Code
FLEXINICHE decorative ring for installing in niches	
White	71209
Beige	71209CL090
Light Grey	71209CL129
Anthracite grey	71209CL144
Stainless steel AISI 316-L embellisher with ABS body	71209CLSS
Full Stainless Steel AISI 316-L	73440
FLEXISLIM decorative ring for installing in wall	
White	71210
Beige	71210CL090
Light Grey	71210CL129
Anthracite grey	71210CL144
FLEXIRAPID decorative ring for installing in nozzles	
White	71211
Beige	71211CL090
Light Grey	71211CL129
Anthracite grey	71211CL144

KITS : DECORATIVE RING + SPOTLIGHT	Code White AC	Code White DC
FlexiNiche: White decorative ring + white spotlight	71212	71213
FlexiSlim: White decorative ring + white spotlight	71214	71215
FlexiRapid: White decorative ring + white spotlight	71216	71217
FlexiNiche : Full SS Projector body + white spotlight	73442	73441

AC - Alternating current DC - Direct current

Installation	Code Niche Ø180	Code Niche Ø230
Niches (*)		
Niche in ABS for concrete pools	59813	00349
Niche S.S. for concrete pools /prefabricated pools		54102 / 54103
Niche in ABS for prefabricated pools with inserts	59814	00364 / 17805
Niche in ABS for prefabricated pools without inserts	59815	28887 / 72261
Niche in ABS for panel pools with inserts / without inserts		23671 / 23670
Inlet		
Inlet for concrete pools with 1 ½" threaded Ø63 PN-6 piping		35418
Inlet for concrete pools with 1 ½" threaded Ø63 PN-10 piping		35421
Inlet for liner prefabricated pools with 1 ½" thread		27084
Inlet for polyester prefabricated pools		74179

Other Ø230 and Ø180 niches also available (see catalogue).
For FlexiSlim version installed in concrete + liner pools, Kit 71234 should be used to complete installation (not delivered with).
* Suitable to use ABS niches with Flexi ABS decorative ring.

PROJECTOR

LumiPlus FlexiMini

Compact design. Maxi customization.



The LumiPlus Flexi Mini projector is an underwater projector with reduced dimensions that stands out for its ease and flexibility of installation, being compatible with the Mini V2 and V3 niches, 1 "½ internal thread nozzles, 63mm or 2" cable glands, pipes D63 PN6 and PN10 or D50 PN10 pipes. Its configuration is carried out in two steps in new pools. You need to choose :

1.- The spotlight

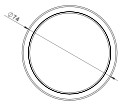
2.- One of the 4 models of decorative ring: niche; nozzle L; nozzle S; or, for pipe or wall bushings.

The decorative ring can be made of ABS in a white, light gray, anthracite gray or beige finish; or AISI- 316L stainless steel.

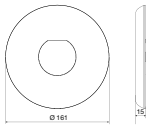
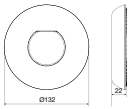
The point of light is available in two powers, V1 for lighting stairs and V2 for lighting the basin, and you can choose between white, warm white and RGB multicolor light. The RGB versions are compatible with ECO, TOP, Wireless, LumiPlus LED App, ModBUS (Connect) and DMX controls (see pages 270-271).

Dimensions

Spotlight FlexiMini



Dimensions

LumiPlus FlexiMini Niche	LumiPlus FlexiMini Nozzles L		LumiPlus FlexiMini Nozzles S		LumiPlus FlexiMini pipes / wall conduits
Niche	Nozzle L 2"	Nozzle L 1" ½	Nozzle S 2"	Nozzle S 1" ½	Pipe Ø50 PN6 / P10 Wall conduit 2" / 1"1/2
					
Compatible with niches 06967; 00369; 49828	Compatible with nozzles Ømax. 116 mm and depth between 0 and 10 mm		Compatible with nozzles Ømax. 91 mm and depth between 7 and 9 mm		

1 Choose the spotlight:	+	2 Choose the decorative ring:	=	Result
 White Warm White RGB V1 White / Warm White AC White / Warm White DC RGB / RGB Wireless AC V2 White / Warm White AC White / Warm White DC RGB AC DMX		FlexiMini Niche 		FlexiMini Niche 
		FlexiMini L 		FlexiMini L 
		FlexiMini S 		FlexiMini S 
		FlexiMini Pipe 		FlexiMini Pipe 

How to install them?

LumiPlus FlexiMini Niche	LumiPlus FlexiMini Nozzles L
LumiPlus FlexiMini Nozzles S	LumiPlus FlexiMini Pipes / Wall conduits

Spotlight features

	Codes	Color of lamp	Consumption	Color temperature	Control system	Efficiency
Pool stairs FlexiMini V1 WHITE : 450 lm RGB : 300 lm AC - 12V AC / DC - 24V DC	74400	White AC	3.5 W	5 700K	ON / OFF	D
	74400WW	Warm White AC	3.5 W	3 000K	ON / OFF	D
	74401	White DC	3 W	5 700K	ON / OFF	C
	74401WW	Warm White DC	3 W	3 000K	ON / OFF	C
	74402	RGB	3.8 W	-	LumiPlus ECO / LumiPlus Top / Fluidra Connect / WIFI LED App	F
	74403	RGB Wireless (WIR)	4.3 W	-	** Wireless Control Motion	G
Residential pool basin and stairs FlexiMini V2 WHITE : 900 lm RGB : 600 lm AC - 12V AC / DC - 24V DC	74406	White AC	7.2 W	5 700K	ON / OFF	D
	74407	White DC	6.8 W	5 700K	ON / OFF	D
	74406WW	Warm White AC	7.2 W	3 000K	ON / OFF	D
	74407WW	Warm White DC	6.8 W	3 000K	ON / OFF	D
	74408	RGB	7.6 W	-	LumiPlus ECO / LumiPlus Top / Fluidra Connect / WIFI LED App	F
	74404	RGB Wireless (WIR)	8 W	-	** Wireless Control Motion	F
	74405	Kit 3 RGB Wireless V2 (with RC)	8 W	-	** Wireless Control Motion	F
	74409	DMX	8 W	-	LumiPlus RGB DMX	F

(1) Sea water-proof. ABS versions. (2) For codes 74401 and 74401WW
AC - Alternating current. DC - Direct current. DC versions are delivered with power pack.
** Maximum installation depth 40cm.

The models with RGB are compatible with Fluidra Connect.

LED LIGHTING - LUMIPLUS

LUMIPLUS FLEXI MINI

Components to install a LumiPlus FlexiMini projector

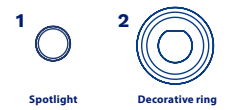
ASTRALPOOL

The LumiPlus Flexi Mini is a solution that allows maximum flexibility in terms of colors of the lights, lumens color of the visible parts and as well of the instalaltion method.

LumiPlus FlexiMini is a compact LED solution in line with current design trends for residential pools. It combines perfectly with LumiPlus Flexi range.

Choose amongst the components according to your requirements:

LumiPlus FlexiMini is made up of 2 components



The 2 components are required for the proper installation.

1 Spotlight



	Code
1.1 - LUMIPLUS FLEXIMINI V1 - IDEAL FOR STAIRS	
White AC	74400
Warm White AC	74400WW
White DC	74401
Warm White DC	74401WW
RGB	74402
RGB Wireless (WIR)	74403
1.2 - LUMIPLUS FLEXIMINI V2 - IDEAL FOR RESIDENTIAL POOL	
White AC	74406
Warm White AC	74406WW
White DC	74407
Warm White DC	74407WW
RGB	74408
RGB Wireless (WIR)	74404
Kit 3 RGB Wireless V2 + 1 Control Motion	74405
DMX	74409

Note: 2.5 m cable included

2 LumiPlus FlexiMini Decorative ring with fitting (Delivered with installation accessories)









	Code
2.1 - FLEXIMINI NICHE decorative ring for installing in mini niches	
Decorative ring for Mini Niche in ABS color White	74392
Decorative ring for Mini Niche in ABS color Beige	74392CL090
Decorative ring for Mini Niche in ABS color Light grey	74392CL129
Decorative ring for Mini Niche in ABS color Anthracite	74392CL144
Decorative ring for Mini Niche in Stainless Steel A316-L with ABS body	74392CLSS
2.2 - FLEXIMINI L decorative ring for installing in nozzles L (large)	
Decorative ring for nozzle L in ABS color White	74393
Decorative ring for nozzle L in ABS color Beige	74393CL090
Decorative ring for nozzle L in ABS color Light grey	74393CL129
Decorative ring for nozzle L in ABS color Anthracite	74393CL144
Decorative ring for nozzle L in Stainless Steel A316-L with ABS body	74393CLSS
2.3 - FLEXIMINI S decorative ring for installing in nozzles S (small)	
Decorative ring for nozzle S in ABS color White	74394
Decorative ring for nozzle S in ABS color Beige	74394CL090
Decorative ring for nozzle S in ABS color Light grey	74394CL129
Decorative ring for nozzle S in ABS color Anthracite	74394CL144
Decorative ring for nozzle S in Stainless Steel A316-L with ABS body	74394CLSS
2.4 - FLEXIMINI PIPE decorative ring for installing in pipes	
Decorative ring for pipe in ABS color White	74395
Decorative ring for pipe in ABS color Beige	74395CL090
Decorative ring for pipe in ABS color Light grey	74395CL129
Decorative ring for pipe in ABS color Anthracite	74395CL144
Decorative ring for pipe in Stainless Steel A316-L with ABS body	74395CLSS

Installation supports per type of pool that combines with the decorative rings

Type of pool	2.1 Faceplate for niches	2.2 - Faceplate for nozzles L	2.3 - Faceplate for nozzles S	2.4 - Faceplate for Pipe
Concrete	06967	00300	35418	15661
Concrete + liner	00369	59983	06544	-
Panels	49828	00332	27084	-
Polyester	00369	00336	74179	-

Installation accessories can be found in Pool shell equipment chapter on within lights chapter, Niches subchapter.

LED LIGHTING - LUMIPLUS





MADE IN EUROPE

PROJECTOR DESIGN

ASTRALPOOL

The LumiPlus Design projector is a high power underwater projector that can be installed in 180mm diameter niches.

The decorative ring is available in Stainless Steel effect and Pure White finishes.

The light can be white, warm white, and RGB multi-color. The RGB versions are compatible with ECO, TOP, Wireless, LumiPlus LED App, ModBUS (Connect) and DMX controls (see codes in pages 270-271).

LumiPlus monocolor white light lamps and projectors are also available in Warm White.

TECHNICAL FEATURES

	Light Colour		Projector Design: White	Projector Design: Stainless steel effect	Consumption	Luminous flux
	White	D	59807	59805	32W (35VA)	4320 lm
	RGB	F	59803	59801	32W (42VA)	2544 lm
	RGB DMX	F	59811	59809	32W (42VA)	2544 lm

Rated voltage: 12V AC. IPX8 protection. Includes 2.5 m H07RN-F 2x1.5 mm^2 cable.
Adaptor kit available for other niche types from diameter 180 to 190 mm. Code: 59818. It must always be installed underwater.



NICHES FOR PROJECTOR DESIGN

ASTRALPOOL

TECHNICAL FEATURES

Niches			
Concrete pool	Prefabricated pools		Fixing kit for other niches
	With inserts	Without inserts	
59813	59814	59815	59818*

Compatible with: LumiPlus FlexiNiche ABS and Stainless Steel and LumiPlus Design.
*Compatible with the majority of niches from Ø180 to Ø190 mm on the market (Hugo Lahme, MTS Produckssts, Wibre…).

Fluidra Connect-compatible

Seawater-proof

LED LIGHTING - LUMIPLUS



Snap-in MICRO projectors

LUMIPLUS MICRO PROJECTORS

The Micro LED projector is the smallest model in the range, ideal for lighting a pool's steps and/or corners. It is available in cool white, warm white and RGB multicolor light. The multicolor versions are compatible with the ECO, TOP, LumiPlus LED app, ModBUS (Connect) and DMX controllers (see codes). There is a choice between various types of faceplate: ABS or AISI 316 stainless steel.

It is fitted to concrete pools using D 50 PN 10 piping or D 63 PN6 y D 63 PN10 piping if accessories 38818 or 38819 are used.

TECHNICAL FEATURES

Snap-in MICRO projector

	Light Color		Type of decorative ring		Consumption	Luminous flux
			White	S.S.		
	White	F	38814	38816	4W (6VA)	315 lm
	RGB	G	64552	64553	4W (7VA)	186 lm
	RGB DMX	G	64557	64558	4W (4VA)	186 lm

Rated Voltage: 12V AC (RGB & White) 24V DC (RGB-DMX). IPX8 protection. Includes 2.5 m H07RN-F 2x1.5 mm² cable.

Fluidra Connect-compatible

LED LIGHTING - LUMIPLUS



LUMIPLUS LAMPS for PAR56 V1 projectors

ASTRALPOOL

The RGB model is compatible with LumiPlus ECO, LumiPlus Top, LumiPlus LED APP and LumiPlus Modbus controls.

DC PAR56 V1 lamp

How to replace a PAR 56 lamp?

TECHNICAL FEATURES

DC PAR56 V1 lamp

	Light Color		Code	Consumption	Luminous flux
	White	E	67515	14W	1485 lm
	Warm white		67515WW		

Rated voltage: 24V DC. Protection rating: IPX8. Includes 220V AC - 24 V DC power pack. Does not work with 220 V AC-12 V AC electromagnetic transformers. It must always be installed underwater.

PAR56 V1 lamp

	Light Color		Code	Consumption	Luminous flux
	White	E	52596	14.5W (20VA)	1485 lm
	Warm white		52596WW		
	RGB	G	56001	22W (29VA)	1100 lm

Rated Voltage: 12V AC. Protection: IPX8. It must always be installed underwater.

Wireless PAR56 V1 lamp

	1 lamp + 1 Control Motion	2 lamps + 1 Control Motion	1 lamp RGB 1.11 Wireless	Consumption per lamp	Luminous flux per lamp
 G	59126	59127	59124	22W (29VA)	1100 lm

Rated voltage: 12V AC. Protection rating: IPX8. It must always be installed underwater. The LumiPlus Control Motion is not waterproof. Seawater-proof



LUMIPLUS LAMPS for PAR56 V2 projectors

ASTRALPOOL

The RGB model is compatible with LumiPlus ECO, LumiPlus Top, LumiPlus LED APP and LumiPlus Modbus controls. The RGB DMX model requires the LumiPlus DMX 41107 modulator.

DC PAR56 V2 lamp

How to replace a PAR 56 lamp?

TECHNICAL FEATURES

DC PAR56 V2 lamp

	Light Color		Code	Consumption	Luminous flux
	White	D	67516	32W (32VA)	4320 lm
	Warm white		67516WW		

Rated voltage: 24 V DC. Protection rating: IPX8. Includes 220V AC - 24 V DC power pack.
Does not work with 220 V AC-12 V AC electromagnetic transformers. It must always be installed underwater.

PAR56 V2 lamp

	Light Color		Code	Consumption	Luminous flux
	RGB	G	43411	48W (64VA)	2544 lm
	RGB DMX		45637	48W (64VA)	2544 lm

Rated voltage: 24 V DC. Protection rating: IPX8. It must always be installed underwater.



LUMIPLUS ESSENTIAL

A COMPLETE RANGE OF LEDs. ALL YOU NEED TO LIGHT A POOL.

Like the rest of LumiPlus products, **AstralPool LumiPlus Essential** is made of high-quality LEDs and electronic components, and is manufactured entirely in the EU to European quality standards.

The AstralPool LumiPlus family delivers:

- Greater energy efficiency.
- High performance projectors with top quality lighting (TQL) technology.
- Enhanced energy efficiency in pools thanks to the use of LumiPlus lamps and projectors.
- IP68 protection rating.



THE RANGE



LED LIGHTING - LUMIPLUS



LUMIPLUS ESSENTIAL

Lamps - PAR 56

ASTRALPOOL

NEW 2023

TECHNICAL FEATURES

Lamp PAR56

Description	Light Color		Code	Consumption	Luminous flux
LumiPlus Essential PAR56 White LED lamp	White	E	73761	14.5 W (20 VA)	1485 lm
	Rated voltage: 12V DC. IP68. Cable not included. Must always be installed submerged in water.				
LumiPlus Essential PAR56 RGB LED lamp	RGB	G	75767	22 W (29 VA)	1100 lm
	Rated voltage: 12V DC. IP68. Cable not included. Must always be installed submerged in water. Can be only controlled by a normally closed push button. Not RC 900 or 1100 compatible.				



Remote controlled RGB (900 lm)

Description	Light Color		Code	Consumption	Luminous flux
LumiPlus Essential PAR56 RGB LED lamp + RC 900	RGB	G	75766	15 W (23 VA)	900 lm
	Rated voltage: 12V DC. IP68. Cable not included. Must always be installed submerged in water. Works with remote control code 75775 (included).				
LumiPlus Essential PAR56 RGB LED lamp	RGB	G	75774	15 W (23 VA)	900 lm
	Rated voltage: 12V DC. IP68. Cable not included. Must always be installed submerged in water. Works with remote control code 75775 (not included).				
LumiPlus Essential PAR56 RC 900	RGB	G	75775	-	-



Remote controlled RGB (1100 lm)

Description	Light Color		Code	Consumption	Luminous flux
LumiPlus Essential PAR56 RGB LED lamp + RC 1100	RGB	G	75771	22 W (29 VA)	1100 lm
	Rated voltage: 12V DC. IP68. Cable not included. Must always be installed submerged in water. Works with remote control code 75773 (included).				
LumiPlus Essential PAR56 RGB LED lamp	RGB	G	75772	22 W (29 VA)	1100 lm
	Rated voltage: 12V DC. IP68. Cable not included. Must always be installed submerged in water. Works with remote control code 75773 (not included).				
LumiPlus Essential PAR56 RC 1100	RGB	G	75773	-	-





LUMIPLUS ESSENTIAL

Standard projector PAR 56

ASTRALPOOL

NEW 2023

TECHNICAL FEATURES

Projector PAR56

Description	Light Color		Code	Consumption	Luminous flux
LumiPlus Essential PAR56 White LED projector	White	E	70870	14.5 W (20 VA)	1485 lm
	Rated voltage: 12V DC. IP68. Must always be installed submerged in water.				
LumiPlus Essential PAR56 RGB LED projector	RGB	G	75435	22 W (29 VA)	1100 lm
	Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Can be only controlled by a normally closed push button. Not RC 900 or 1100 compatible				



Remote controlled RGB (900 lm)

Description	Light Color		Code	Consumption	Luminous flux
LumiPlus Essential PAR56 RGB LED projector + RC 900	RGB	G	75434	15 W (23 VA)	900 lm
	Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Works with remote control code 75775 (included).				
LumiPlus Essential PAR56 RGB LED projector	RGB	G	75776	15 W (23 VA)	900 lm
	Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Works with remote control code 75775 (not included).				
LumiPlus Essential PAR56 RC 900	RGB	G	75775	-	-



Remote controlled RGB (1100 lm)

Description	Light Color		Code	Consumption	Luminous flux
LumiPlus Essential PAR56 RGB LED projector + RC 1100	RGB	G	75777	22 W (29 VA)	1100 lm
	Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Works with remote control code 75773 (included).				
LumiPlus Essential PAR56 RGB LED projector	RGB	G	75778	22 W (29 VA)	1100 lm
	Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Works with remote control code 75773 (not included).				
LumiPlus Essential PAR56 RC 1100	RGB	G	75773	-	-



Untill end of stock

LED LIGHTING - LUMIPLUS



LUMIPLUS ESSENTIAL

Kit for concrete pool

ASTRALPOOL

NEW 2023

TECHNICAL FEATURES

Kit for concrete pool PAR 56

	Description	Light Color		Code	Consumption	Luminous flux
	LumiPlus Essential PAR56 White LED Kit for concrete pools	White	E	66828	14.5 W (20 VA)	1485 lm
		Rated voltage: 12V DC. IP68. Must always be installed submerged in water.				
	LumiPlus Essential PAR56 RGB LED Kit for concrete pools	RGB	G	75437	22 W (29 VA)	1100 lm
		Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Can be only controlled by a normally closed push button. Not RC 900 or 1100 compatible.				

Remote controlled RGB (900 lm)

	Description	Light Color		Code	Consumption	Luminous flux
	LumiPlus Essential PAR56 RGB LED Kit for concrete pools + RC 900	RGB	G	74558	15 W (23 VA)	900 lm
		Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Works with remote control code 75775 (included).				
	LumiPlus Essential PAR56 RGB LED Kit for concrete pools	RGB	G	75780	15 W (23 VA)	900 lm
		Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Works with remote control code 75775 (not included).				
	LumiPlus Essential PAR56 RC 900	RGB	G	75775	-	-

Remote controlled RGB (1100 lm)

	Description	Light Color		Code	Consumption	Luminous flux
	LumiPlus Essential PAR56 RGB LED Kit for concrete pools + RC 1100	RGB	G	75781	22 W (29 VA)	1100 lm
		Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Works with remote control code 75773 (included).				
	LumiPlus Essential PAR56 RGB LED Kit for concrete pools	RGB	G	75782	22 W (29 VA)	1100 lm
		Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Works with remote control code 75773 (not included).				
	LumiPlus Essential PAR56 RC 1100	RGB	G	75773	-	-



LUMIPLUS ESSENTIAL

Kit for prefabricated pool

ASTRALPOOL

NEW 2023

TECHNICAL FEATURES

Kit for concrete pool PAR 56

	Description	Light Color		Code	Consumption	Luminous flux
	LumiPlus Essential PAR56 White LED Kit for prefabricated pools	White	E	70528	14.5 W (20 VA)	1485 lm
		Rated voltage: 12V DC. IP68. Must always be installed submerged in water.				
	LumiPlus Essential PAR56 RGB LED Kit for prefabricated pools	RGB	G	75440	22 W (29 VA)	1100 lm
		Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Can be only controlled by a normally closed push button. Not RC 900 or 1100 compatible.				

Remote controlled RGB (900 lm)

	Description	Light Color		Code	Consumption	Luminous flux
	LumiPlus Essential PAR56 RGB LED Kit for prefabr. pools + RC 900	RGB	G	75439	15 W (23 VA)	900 lm
		Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Works with remote control code 75775 (included).				
	LumiPlus Essential PAR56 RGB LED Kit for prefabricated pools	RGB	G	75783	15 W (23 VA)	900 lm
		Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Works with remote control code 75775 (not included).				
	LumiPlus Essential PAR56 RC 900	RGB	G	75775	-	-

Remote controlled RGB (1100 lm)

	Description	Light Color		Code	Consumption	Luminous flux
	LumiPlus Essential PAR56 RGB LED Kit for prefabr. pools + RC 1100	RGB	G	75784	22 W (29 VA)	1100 lm
		Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Works with remote control code 75773 (included).				
	LumiPlus Essential PAR56 RGB LED Kit for prefabricated pools	RGB	G	75785	22 W (29 VA)	1100 lm
		Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Works with remote control code 75773 (not included).				
	LumiPlus Essential PAR56 RC 1100	RGB	G	75773	-	-

LED LIGHTING - LUMIPLUS



LUMIPLUS ESSENTIAL

Flat projector

ASTRALPOOL

NEW 2023

TECHNICAL FEATURES

Flat projector PAR56

	Description	Light Color		Code	Consumption	Luminous flux
	LumiPlus Essential White LED Flat projector	White	E	75821	14.5 W (20 VA)	1485 lm
		Rated voltage: 12V DC. IP68. Must always be installed submerged in water.				
	LumiPlus Essential RGB LED Flat projector	RGB	G	75824	22 W (29 VA)	1 100 lm
		Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Can be only controlled by a normally closed push button. Not RC 900 or 1100 compatible				

Remote controlled RGB (900 lm)

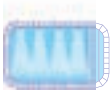
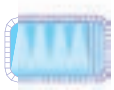
	Description	Light Color		Code	Consumption	Luminous flux
	LumiPlus Essential RGB LED Flat projector + RC 900	RGB	G	75822	15 W (23 VA)	900 lm
		Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Works with remote control code 75775 (included).				
	LumiPlus Essential RGB LED Flat projector	RGB	G	75823	15 W (23 VA)	900 lm
		Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Works with remote control code 75775 (not included).				
	LumiPlus Essential RC 900	RGB	G	75775	-	-

Remote controlled RGB (1100 lm)

	Description	Light Color		Code	Consumption	Luminous flux
	LumiPlus Essential RGB LED Flat projector + RC 1100	RGB	G	75825	22 W (29 VA)	1 100 lm
		Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Works with remote control code 75773 (included).				
	LumiPlus Essential RGB LED Flat projector	RGB	G	75826	22 W (29 VA)	1 100 lm
		Rated voltage: 12V DC. IP68. Must always be installed submerged in water. Works with remote control code 75773 (not included).				
	LumiPlus Essential RC 1100	RGB	G	75773	-	-

LIGHTING SELECTION GUIDE

LumiPlus projectors for spas

	SPAs			
	White light		RGB light	
	 Micro	 Mini V2	 Micro	 Mini V2
Type of installation				
Luminous flux	315 lm	315 lm	186 lm	186 lm
Power	4 W (6VA)	4 W (6VA)	4 W (7VA)	4 W (7VA)
Energy efficiency				
Light color temperature	 W WW 5.700K 3.000K	 W WW 5.700K 3.000K		
Decorative ring color	 White  Stainless steel	 White  Stainless steel	 White  Stainless steel	 White  Stainless steel
Lighting area	 **5m²**x projector		 **3m²**x projector	

LED LIGHTING - LUMIPLUS



Snap-in MINI V2 projectors

LUMIPLUS PROJECTORS FOR SPA

Projectors may be installed both in and out of the water. The RGB model is compatible with LumiPlus ECO, LumiPlus Top, LumiPlus LED APP and LumiPlus Modbus controls. The RGB DMX model requires the LumiPlus DMX 52142 controller (see pages 270-271).

LumiPlus monocolor white light lamps and projectors are also available in Warm White.

MINI V2 projector for SPA

Light Color		Type of decorative ring		Consumption	Luminous flux
		White	S.S.		
White	F	52132	52133	4W (6VA)	315 lm
Warm White	F	52132WW	52133WW	4W (6VA)	315 lm
RGB	G	52126	52127	4W (7VA)	186 lm
RGB DMX	G	52138	52139	4W (4VA)	186 lm

Rated Voltage: 12V AC (RGB & White) 24V DC (RGB-DMX). IPX8 protection. Includes 2.5 m H07RN-F 2x1.5 mm² cable. Fastened between a threaded bolt and 2" nut.

Color front plates for MINI V2 projectors

	Beige	Light grey	Anthracite
Color front plate for MINI V2 projector for SPA	08554-0500CL090	08554-0500CL129	08554-0500CL144

MICRO projector for SPA

Light Color		Type of decorative ring		Consumption	Luminous flux
		White	S.S.		
White	F	40765	40766	4W (6VA)	315 lm
Warm White	F	40765WW	40766WW	4W (6VA)	315 lm
RGB	G	64554	64555	4W (7VA)	186 lm
RGB DMX	G	64559	64560	4W (4VA)	186 lm

Rated Voltage: 12V AC (RGB & White) 24V DC (RGB-DMX). IPX8 protection. Includes 2.5 m H07RN-F 2x1.5 mm² cable. Fastened between a threaded bolt and 2" nut.

Fluidra Connect-compatible

SELECTION GUIDE

LumiPlus RGB control systems

	LumiPlus ECO	LumiPlus Wireless Control Motion	LumiPlus Wireless Range Extender	LumiPlus TOP	LumiPlus WIFI Access Point +	LumiPlus Modbus CONNECT	LumiPlus DMX	
CONTROL – User interface								
CONTROL – Control system		N/A						
LumiPlus RGB V1 (Flexi V1 and PAR56 V1)	✓ Max 14 projectors	-	-	✓ Max 22 projectors	✓ Max 22 projectors	✓ Max 22 projectors	-	-
LumiPlus RGB V2 (Flexi V2, Design, PAR56 V2)	✓ Max 10 projectors	-	-	✓ Max 12 projectors	✓ Max 12 projectors	✓ Max 12 projectors	-	-
LumiPlus RGB Flexi Mini	✓ Max 35 projectors	-	-	✓ Max 50 projectors	✓ Max 50 projectors	✓ Max 50 projectors	-	-
LumiPlus RGB DMX (Flexi V2, FlexiMini, Design, PAR56 V2)	-	-	-	-	-	-	✓ Limited by the transformer's power output	-
LumiPlus RGB DMX (Micro, Mini SPA)	-	-	-	-	-	-	-	✓ Max 9 projectors for 52142
LumiPlus RGB Wireless (Flexi and PAR56)	✓ Max 14 projectors	✓ Max 2 projectors*	✓ Max 3 projectors*	✓ Max 22 projectors	✓ Max 22 projectors	✓ Max 22 projectors	-	-
LumiPlus RGB Wireless (FlexiMini)	✓ Max 35 projectors	✓ Max 3 projectors*	✓ Max 9 projectors*	✓ Max 50 projectors	✓ Max 50 projectors	✓ Max 50 projectors	-	-

* Compatible with projectors and lamps with Lumiplus Wireless.
Maximum installation depth 0.40m.
Range limited to 5 meters

LED LIGHTING - LUMIPLUS

CONTROL SYSTEMS

ASTRALPOOL

System			Code	Description	Projectors
LumiPlus RGB ECO			32458	**The simplest and most economical colour change system.** LumiPlus ECO is a push-button switch that allows 14 modes of operation: 7 fixed colours and 7 different colour sequences. Each time the push button is pressed, the colour or sequence will change. By pressing for several seconds, the light is white. The push button must be sized to withstand the power consumed by the number of lights in the facility. Maximum charge 700 VA. Must be connected in the transformer primary.	Any LumiPlus RGB projector.
LumiPlus WIRELESS	LumiPlus Control Motion		59125	**Colour change CONTROL in your hand.** The LumiPlus Control Motion remote control enables wireless projector control, directly offering on/off options, 12 colour changes, 8 sequence changes and sequence speed. It also detects movement, letting you activate colours and sequences by vertical and horizontal movements, respectively. Compatible with the LumiPlus Wireless range of projectors only. Can control 2 wireless projectors and 3 in FlexiMini	Flexi (ABS body) V1 RGB Wireless PAR56 V1 RGB Wireless * Not compatible with stainless steel FlexiNiche projectors.
	LumiPlus Wireless Range Extender		64633	Allows expansion of the signal that the LumiPlus Control Motion sends to the projectors with the wireless control system. Ideal for facilities whose architectural features or projectors installation makes it hard for the LumiPlus Control Motion signal to reach the wireless projectors properly.	
LumiPlus RGB TOP			27818 + 41988	**The LumiPlus TOP system is a professional control of the color.** System comprising the 27818 modulator and 41988 remote control that enables to control a large number of projectors. The modulator has an antenna with a 50m range to receive the signal from the remote control (bought separately). The LumiPlus TOP system enables: Projector on/off action. Colour selection: 12 fixed colours available. Sequence selection: 8 sequences available. Sequence speed selection: 8 speeds available for each sequence. Supplied separately. A total of 10 LumiPlus modulators can be synchronized.	Any LumiPlus RGB projector.
LumiPlus LED APP LumiPlus WIFI	Existing installation		59131	**Control your pool lighting from your smartphone.** App to check LumiPlus lights and projectors from an Android or iOS smartphone or tablet. Enables to control your LumiPlus lights or spotlights from your smartphone or tablet. The LumiPlus app should only be installed as an additional feature to the LumiPlus Modulator. It offers a range of 12 colours and 8 sequences or colour change programs. Free app you can download directly from the following sites: Apple: www.lumiplusled-ios.astralpool.com Android: www.lumiplusled-android.astralpool.com 	Any LumiPlus RGB projector
	New installation		59132		

LED LIGHTING - LUMIPLUS

CONTROL SYSTEMS

ASTRALPOOL

System			Code	Description	Projectors
LumiPlus Modbus FLUIDRA CONNECT				**Control your pool lighting anywhere, anytime.**	Any LumiPlus RGB projector
	Existing installation		57434	The Modbus protocol enables the control of the LumiPlus modulator. It can be used to switch the projectors on and off, change their colours and sequence speed and set the time for putting the projectors in sleep mode. Download the Fluidra Connect app for instant information about the state of your pool 365 days a year. Fluidra Direct is peace of mind, comfort and leisure. In addition to controlling projectors, LumiPlus lets you control the filtration, water treatment and more of your pool through the Modbus protocol. The LumiPlus Modbus should only be installed as an additional feature to the LumiPlus 27818 modulator for correct installation and operation.	
	New installation		57435		
LumiPlus RGB DMX				**Design lighting scenes for fountains and large aquatic spaces**	LumiPlus RGB-DMX projector
	RGB DMX Modulator		41107	DMX LED projector modulator/12V AC DMX receiver for the Flexi, PAR56, S-LIM and Design ranges. Receiving orders from the DMX controller (Astral DMX 74099 or Astral DMX Pro 74500) via the DMX bus and acting on the projectors that are connected.	
	RGB-DMX power pack		52142	Product designed exclusively for use with V2 and V3 Mini LED and RGB DMX Micro projectors. The power pack can control up to 9 projectors, receiving orders from the system's DMX controller (Astral DMX 74099 or Astral DMX Pro 74500) via the DMX bus and acting on the projectors that are connected. The power pack has been designed to be used solely with DMX protocol and 24V DC DMX controllable parts from AstralPool.	
	DMX controller		74099	LumiPlus DMX System makes it possible to control lights individually or by groups. Users will have easy and intuitive full control over a projector or group of projectors. Main advantages / benefits: Very accurate control over the lights: colour and dimming. Plug and play. Projectors can be operated independently or combined. Allows creating new light scenes. LumiPlus DMX system does not require any additional wiring for projectors. Smartphone or tablet control via an app.	
	DMX PRO controller		74100		

LED LIGHTING

OTHER LED SOLUTIONS:

PAR56 projectors, PAR56 lamps and Flat projectors

AQUA SPHERE



PAR56 projectors

MADE IN EUROPE

PAR56 underwater lamp, improves energy efficiency compared to the traditional 300 W halogen PAR56 lamps. It must always be installed completely submerged. The lamps PAR56 are directly retrofittable with halogen 300 W lamps / projectors.

Lifespan of 25000 h.

The RGB lamp is controlled by a remote control, which is included, with a 2 m range and can control 2 lamps. The White lamp does not include remote control.

To correctly light a pool it is advisable to install a light from this range every 15 m^2 of water surface.

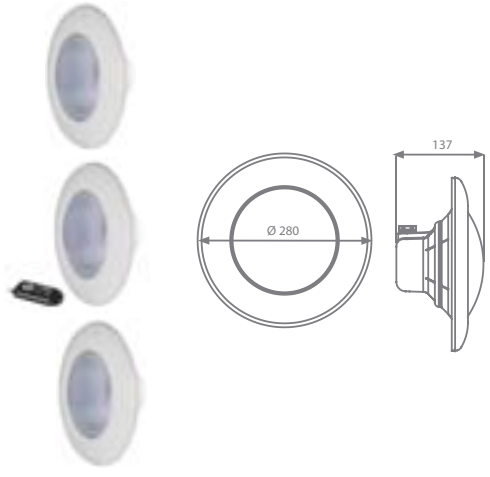
Note: this recommendation applies to pools light in color with white light spotlights, but if there are RGB spotlights more should be fitted. In dark pools it is recommended to use more projectors per m^2.

Projectors PAR56 needs a niche (see page 280) to complete the installation. Projector Flat to wall installations is delivered with the accessory to install in concrete and polyester pools. To complete the installation in panel pools needs spare part kit 24765-0500.

How to replace a PAR 56 lamp?

TECHNICAL FEATURES

PAR56 projectors

	Light color		Embellisher	Code	Consumption	Luminous flux
	White	E	White	74940	11.5W (18VA)	1300 lm
			Beige	74940CL090		
			Light grey	74940CL129		
			Anthracite grey	74940CL144		
	RGB	G	White	71742	15 W (23 VA)	900 lm
			Beige	71742CL090		
			Light grey	71742CL129		
			Anthracite grey	71742CL144		
			White	75829		
			Beige	75829CL090		
			Light grey	75829CL129		
			Anthracite grey	75829CL144		
	-	-	-	75828	-	-

Must be connected to a 12VAC safety transformer. 2.5 m cable. IPX8 protection.

LED LIGHTING

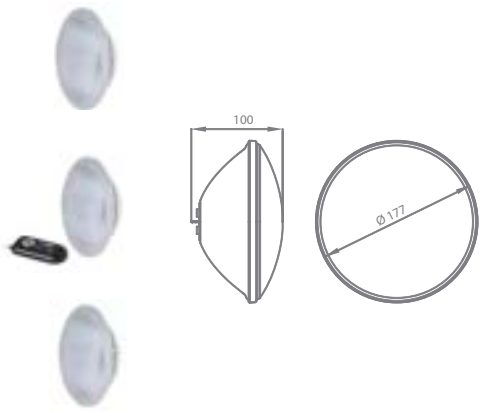
OTHER LED SOLUTIONS:

PAR56 projectors, PAR56 lamps and Flat projectors

AQUA SPHERE

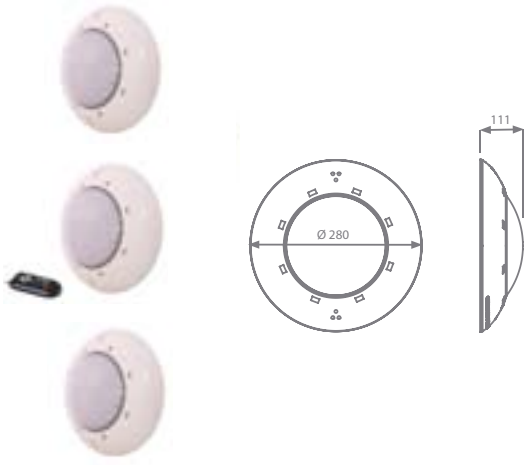
TECHNICAL FEATURES

PAR56 lamps

	Light color		Code	Consumption	Luminous flux
	White	E	74939	11.5W (18VA)	1300 lm
	RGB	G	71740	15 W (23 VA)	900 lm
			75827		
	-	-	75828	-	-

Must be connected to a 12VAC safety transformer. IPX8 protection.

Flat projectors

	Light color		Code	Consumption	Luminous flux
	White	E	74941	11.5W (18VA)	1300 lm
	RGB	G	71744	15 W (23 VA)	900 lm
			75830		
	-	-	75828	-	-

Must be connected to a 12VAC safety transformer. 2.5 m cable. IPX8 protection.

NL NICHELESS LED LIGHTS

EASY-TO-INSTALL, ECO-FRIENDLY LIGHTING

Pool lighting is an essential asset for enhancing your pool.
Zodiac® NL LED lights enable you to achieve this and they are both **energy saving and easy to install.**
They are installed during the construction stage and enhance all pool types, **using innovative, obstruction-free technology.**

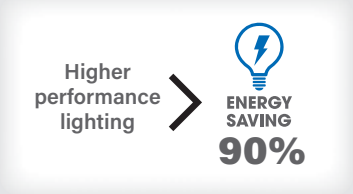
> LED LIGHTING: AN ENERGY-SAVING INNOVATION

Energy efficient: powerful lighting with an **energy saving of up to 90%** (compared to incandescent or halogen spotlights).

Long lasting: they last up to 10 times longer than traditional incandescent light bulbs.



1 classic spotlight
Total consumption: 300 W
Annual cost = €37



Calculation based on 4h/day Use throughout the season (6 months) at a price of €0.1694 / kWh (average price witn VAT in France)

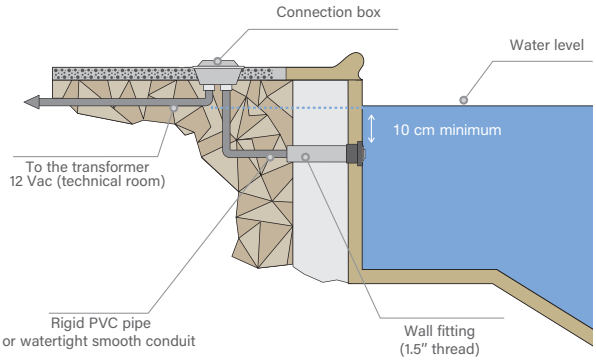


3 12 W NL LED lights
Total consumption: 27 W
Annual cost = 9 €

> "NICHELESS" INSTALLATION: INSTALLED ANYWHERE, QUICKLY AND EASILY!

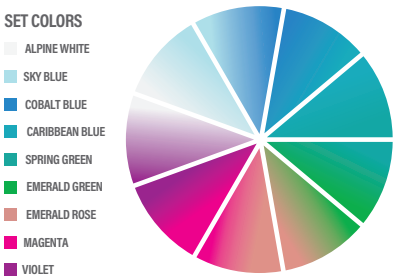
Quickly & easily: With Zodiac® NL LED lights, there's no need to build a niche, they slot directly into a standard 1.5" wall fitting and are compatible with all pool surfaces (liner/PVC, concrete, polyester, etc.).

Compact: They integrate perfectly into the pool, adding to its aesthetic appeal and are compatible with all pool cleaners (no obstructions jutting out from the wall).



> COMPACT AND POWERFULL LIGHTS: CUSTOMISABLE AMBIANCE LIGHTING!

Freedom and creativity: NL LED lights offer **a wide range of set colors and ambiance lighting** thanks to their RGBW technology.

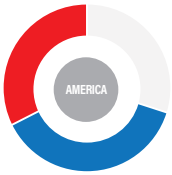




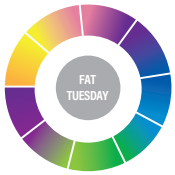
A sophisticated and relaxing atmosphere



An electric atmosphere with over 1,500 constantly changing colors



A star-shaped light show in red, white and blue



A carnival atmosphere with a 32-color display

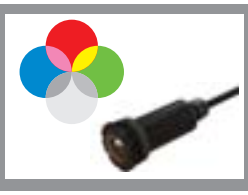


A night brought to life by hundreds of colors

Simple to use: 100% compatible with Zodiac® AquaLink® TRi automation and eXO® iQ smart salt water chlorinators (LS and standard versions) and Hydroxinator® iQ, NL LED lights can be controlled from your smartphone via the iAquaLink™ app.

DID YOU KNOW?

WITH RGBW LED, THERE'S NO NEED TO CHOOSE BETWEEN WHITE AND COLOR!
Zodiac® NL LED lights are innovative, using RGBW technology (Red-Green-Blue-White) to add white to all 3 primary colors. This enables you to generate an infinite color pallet, with a more natural shade, or pure white lighting.





ZODIAC LED NL

NL

ZODIAC®

+ Perfect integration for an enhanced pool
+ Powerfull Led lighting
+ Guaranteed energy savings

3 YEAR WARRANTY

PROFESSIONAL ADVICE RECOMMENDED

EASY INSTALLATION

TECHNOLOGY RGBW

Energy Efficient

iAquaLink COMPATIBLE

ACCESSORIES INCLUDED IN THE PACK

	
Installation tool	White & grey cosmetic rings

ASSOCIATED PRODUCTS

Hydroxinator® iQ	eXO® iQ
WW000172/173/174/175	WW000162/163/164/165/170/171

PRODUCT REFERENCES

NL	6RGBW	12RGBW	24RGBW	6BW	12BW	24BW
Standard Model	WT000233	WT000234	WT000235	WT000236	WT000237	WT000238

DESCRIPTION

NL	6RGBW	12RGBW	24RGBW	6BW	12BW	24BW
Installation Compatibility	Pool outlet with 1.5" internal thread and whithout internal reduction ("suction cleaner" outlet type)					
Led Type	RGBW : color + white			Bright white		
Operating Mode(s)	9 fixed colors & 5 multicolor lighting ambiances			1 fixed color : white		
Color Choice*	Manual (on/off sequences) Remote control using iAquaLink™ smartphone app					
Use	Fresh water and salt water up to 6 g/L (6000 ppm)					

TECHNICAL SPECIFICATIONS

NL	6RGBW	12RGBW	24RGBW	6BW	12BW	24BW
Power	6 W	12 W	24 W	6 W	12 W	24 W
Max amperage (A)	0.52	0.92	1.25	0.62	1.09	1.84
Illuminated surface (m^2)**	160	340	505	390	725	1180
Luminous flux (Lumen)	12 to 15	15 to 20	20 to 24	12 to 15	15 to 20	20 to 24
Led lifespan ***	10 000 h					
Protection rating	IP 68					
Power supply	12 VAC - 50/60 Hz					
Cable lenght	3 m					

DIMENSIONS AND WEIGHT

NL	6RGBW	12RGBW	24RGBW	6BW	12BW	24BW
External diameter (lens)	49.6 mm					
Light body diameter	36.7 mm					
Length A (without cable)	118 mm	143 mm		118 mm	143 mm	
Weight (with cable)	500 g	520 g		500 g	520 g	



* : Needs eXO® iQ salt water chlorinator or automation Zodiac pool automation system.
** For a light colored pool finish. Reduce illuminated surface by roughly 20% for dark pool finishes.
*** : Theoretical lifespan in hours, for information only.

New EU regulation*

since 1st September 2021

According to the eco-design regulation, the swimming pool halogen lights can no longer be sold in the European Union market





We are your LED's best partner

With our LED solutions for swimming pools, we'll make it easy for you and your customers

MADE IN EUROPE

100% production in our own facilities

QUALITY CONTROL

360° continuous control from suppliers ISO certifications to finished products

BUILT BY POOL EXPERTS

More than 15 years of R&D experience to design, inject and test watertight solutions

*EU Regulation 2019/2020 (Ecodesign requirements for light sources), halogen lights for swimming pools can no longer be sold in the EU countries. This also applies to the United Kingdom and Qatar.

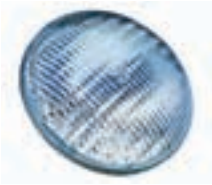
FLUIDRA

HALOGEN LIGHTING

According to UE Regulation 2019/2020, from September 1st, 2021 halogen cannot be sold anymore on the European Union market. This is also valid in other countries such as UK and Qatar.

LAMPS

ASTRALPOOL



TECHNICAL FEATURES

Lamps for lights

Type of lamp		Code	Consumption
Halogen PAR56	For lights with niche	00370	300W (12 V)
Dichroic GX-5.3	For mini lights	19334	50W (12 V)

According to UE Regulation 2019/2020, from September 1st, 2021 halogen cannot be sold anymore on the European Union market. This is also valid in other countries such as UK and Qatar.

STANDARD LIGHT

ASTRALPOOL



All plastic materials. PAR56 300W 12V AC halogen lamp.

For correct pool lighting, we recommend: one projector per 25-30 m^2 of pool area. This recommendation is valid for light coloured pools. For pools in dark colours or stainless steel, we recommend a higher proportion of projectors per m^2.

The projector must be always be submerged in water.

Projectors for installation in "standard" niche (included).

TECHNICAL FEATURES

Standard light

Type of pool	Cable 2x6 mm^2 2.5 m	Type of decorative ring Ø280 mm		Consumption	Niche included
		ABS	S.S.		
Concrete	Yes	07844	07843	300W (300 VA)	Yes
	No		07837		
Prefabricated	Yes		07855		

Rated voltage: 12 V AC. Protection rating: IPX8. Compatible with standard niches (included).

HALOGEN LIGHTING

According to UE Regulation 2019/2020, from September 1st, 2021 halogen cannot be sold anymore on the European Union market. This is also valid in other countries such as UK and Qatar.



Fast assembly Mini light

MINI LIGHT

ASTRALPOOL

Small underwater projector. GX-5.3 50W 12V AC aluminized halogen lamp.

For correct pool lighting, we recommend one projector per 10 m^2 of pool area. This recommendation is valid for light coloured pools. For pools in dark colours or stainless steel, we recommend a higher proportion of projectors per m^2.

The projector must be always be submerged in water.

Projectors for installation in bushings or niche, depending on model (not included). To complete the installation the right housing should be purchased for each type of pool (see page 280). This recommendation is valid for light coloured pools. For pools in dark colours or stainless steel, we recommend a higher proportion of projectors per m^2.

TECHNICAL FEATURES

Fast assembly Mini light

	Body	Type of decorative ring Ø96 mm	Consumption	Fixing
		ABS		
	Plastic	33708	50W (50 VA)	Ø63 wall conduit or Fast assembly Mini Niche
	Metal	33684		

Rated voltage: 12V AC. IPX8 protection. Includes 2.5 m H07RN-F 2 x 1.5 mm^2 cable.
Compatible with a 63 bushing (code 15661) or snap-in mini niche (not included). Select the appropriate option for each pool (see page 280).

Mini light for Spa and prefabricated pool

	Body	Type of decorative ring Ø96 mm		Consumption	Fixing
		ABS	S.S.		
	Plastic	33709	36647	50W (50 VA)	Threaded body and 2" nut

Rated voltage: 12 V AC. Protection rating: IPX8. Includes 2.5-m H07RN-F 2 x 1.5 mm^2 cable.

Mini light for Mini Niche (Light spot)

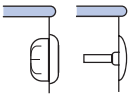
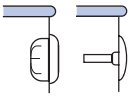
	Body	Type of decorative ring Ø96 mm		Consumption	Fixing	Niche included
		ABS	S.S.			
	Plastic	49820	49821	50W (50 VA)	Mini niche	No

Rated voltage: 12V AC. IPX8 protection. Includes 2.5 m H07RN-F 2 x 1.5 mm^2 cable.
Compatible with mini niche (not included). Select the appropriate option for each pool (see page 280)

NICHES

NICHES GUIDE

ASTRALPOOL

TYPE OF INSTALLATION	TYPE OF PROJECTOR	TYPE OF POOL						
		CONCRETE	CONCRETE + LINER		POLYESTER		PANELS	
			with inserts	without inserts	with inserts	without inserts	with inserts	without inserts
	LumiPlus Flexi**Niche** PAR56 projector	 00349	 00364 / 17805	 72261/28887	 00364/17805	 72261/28887	 23671	 23670
	LumiPlus Flexi**Niche** LumiPlus Design	59813	 59814	 59815	 59814	 59815	 59814 + double gasket (59814-0100)	 59815 + double gasket (59814-0100)
	LumiPlus Flexi**Niche** *full SS*	 54102	 54103	-	 54103	-	-	-
	LumiPlus Flexi**Slim**	-	-	-	-	-	-	-
	LumiPlus Flexi**Rapid**	 35418	 59983  17382	 06544		 74179	 00332	 27084
	LumiPlus Flexi**Mini** *Niche*	 06967	 00369	-	 00369	-	 49828	-
	LumiPlus Flexi**Mini** L *Nozzle*	 00300/ 00301	 59983  17382	-	-	 00336	 00332	-
	LumiPlus Flexi**Mini** S *Nozzle*	 35418	-	 06544	-	 74179	-	 27084
	LumiPlus Flexi**Mini** *Pipe*	 15661	-	-	-	-	-	-

NICHES



STANDARD NICHES

TECHNICAL FEATURES

Niches				
Concrete pool	Prefabricated pools		Panels pool	
	With inserts	Without inserts	With inserts	Without inserts
00349	00364	28887	23671	23670
	17805	72261		

Compatible with: LumiPlus FlexiNiche, LumiPlus PAR56 series, Standard and Global halogen lights and PAR56 Aquasphere projectors



AISI-316L STAINLESS STEEL NICHES

TECHNICAL FEATURES

AISI-36 stainless steel niches	
Concrete pools	Liner swimming pool
54102	54103

Compatible with: LumiPlus FlexiNiche in Stainless Steel, LumiPlus stainless PAR56 steel range and stainless steel incandescent projectors.



PS NICHES

TECHNICAL FEATURES

PS niches		
Concrete pool	Prefabricated pools	
	With inserts	Without inserts
00355	-	00367

Compatible with: LumiPlus FlexiNiche, Global and PAR56 Aquasphere projectors.

Seawater-proof

NICHES



NICHES FOR PROJECTOR DESIGN

and also compatibles with LumiPlus FlexiNiche

ASTRALPOOL

TECHNICAL FEATURES

Niches

Concrete pool	Prefabricated pools		Fixing kit for other niches
	With inserts	Without inserts	
59813	59814	59815	59818*

Compatible with: LumiPlus FlexiNiche ABS and Stainless Steel and LumiPlus Design.

* Fitting kit to install LumiPlus Design to the majority of niches from Ø180 to Ø190 mm on the market (Hugo Lahme, MTS Produckssts, Wibre…).



MINI NICHES

ASTRALPOOL

TECHNICAL FEATURES

MINI niches

Concrete pool	Prefabricated pools	Panel pools
06967	00369	49828

Compatible LumiPlus FlexiMini V1and V2; LumiPlus Mini V2 series and Mini halogen lights for niche.



MINI NICHE WITH INTEGRATED

nozzle for fast assembly Mini projectors

ASTRALPOOL

TECHNICAL FEATURES

Mini niche with integrated nozzle for fast assembly Mini projectors

Concrete pools	Prefabricated pools
53956	59983

53956: Compatible with the LumiPlus FlexiMini V1 and V2; LumiPlus Mini V2; LumiPlus V3, LumiPlus FlexiRapid and Mini halogen snap-in ranges.

59983: Compatible with the LumiPlus FlexiMini V1 and V2; LumiPlus Mini V3 and LumiPlus FlexiRapid ranges.

TRANSFORMERS AND ACCESSORIES



TRANSFORMERS for pool and fountain lighting

More compact.
More functional.
Specially designed for lighting up fountains and pools.

- Suitable for all types of circuit board.
- Quick and easy installation.
- Connection via terminals protected against indirect contacts.
- Up to 40 m between the spotlight and transformer.
- Made in compliance with Standard UNE-EN-61558-2-6.
- IP-20 protection rating.
- Age-resistant housing.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
100 VA 230 V to 12 V transformer	00383-1369	-	-	-
300 VA 230 V to 12 V transformer	00384-1369	-	-	-
600 VA 230 V to 12 V transformer	00385-1369	-	-	-



TRANSFORMERS

Made in compliance with standard EN 60742.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
130VA from 230V to 12V	00383-4146	6	15.0	0.011
300VA from 230V to 12V cable length up to 35 m	71436	4	21.0	0.012
600VA from 230V to 12V cable length up to 25 m	00385-4146	2	19.0	0.012

Alternative transformer range, on enquiry.



ENCAPSULATED

security transformer with IP-65 protection rating for pools

Manufactured according to the rules UNE-EN 61558 and directive CE.

- Bodywork has IP-657 protection rating.
- Class II transformer. Total protection against all electric shocks.
- Self-extinguishing bodywork, as per IEC 695-2-1
- Frequency of 50–60 Hz.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
130 VA from 220-240 V to 12 V	35807	1	3.2	0.02
400 VA from 220-240 V to 12-17 V	35385	1	6.8	0.04
800 VA from 280-240 V to 12-17 V	35386	1	10.4	0.04



TRANSFORMER PROTECTION BOXES

Made of zinc plated steel plate, painted finish.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For transformer 00383	00386	1	1.15	0.01
For transformer 00384	00387	1	1.57	0.01
For transformer 00385	00388	1	3.00	0.01



75971CL090



75971



75971CL144



75971CL129

UNIK CONNECTION BOX

Manufactured in ABS, with a cover designed to be integrated in the pool surroundings.

Compatible to install in a Ø50 tube or hose.

The connection system is M-25 on the inside, which allows to manipulate it after its installation. The internal connection is with a M-25 cable gland and the external connection is 3/4 BSP.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
White	75971	8	4.65	0 030
Beige	75971CL090	8	4.65	0 030
Light Grey	75971CL129	8	4.65	0 030
Anthracite	75971CL144	8	4.65	0 030



75972CL090



75972



75972CL144



75972CL129

CONNECTION BOX

Manufactured in ABS.

Compatible to install in a Ø50 tube or hose.

The connection system is M-25 on the inside, which allows to manipulate it after its installation. The internal connection is with a M-25 cable gland and the external connection is 3/4 BSP.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
White	75972	8	3.8	0 030
Beige	75972CL090	8	3.8	0 030
Light Grey	75972CL129	8	3.8	0 030
Anthracite	75972CL144	8	3.8	0 030

TRANSFORMERS AND ACCESSORIES


30825CL090


30825


30825CL144


30825CL129

CONNECTION BOX with security cover

ASTRALPOOL

Manufactured in ABS, made up of three 3/4" inlets/outlets M-25 and 3/4" thread connections.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
White	30825	12	4.65	0.030
Beige	30825CL090	12	4.65	0.030
Light Grey	30825CL129	12	4.65	0.030
Anthracite	30825CL144	12	4.65	0.030


65215CL090


65215


65215CL144


65215CL129

CONNECTION BOXES for gluing pipes Ø50 mm

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
White	65215	8	3.8	0.030
Beige	65215CL090	8	3.8	0.030
Light Grey	65215CL129	8	3.8	0.030
Anthracite	65215CL144	8	3.8	0.030



CONNECTION BOX

ASTRALPOOL

In AISI-316 stainless steel. Two PG 15 thread side outlets with two PG16 to M25 converters.

3/4" BSP threaded bottom connection.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Connection box	00393	1	0.21	0.002

TRANSFORMERS AND ACCESSORIES



FLEXIBLE CONDUIT HOSE

ASTRALPOOL

For connection from light to connection box, length 1 m hose.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Threaded ends 3/4" & M25	28138	1	-	-
M-25 socket joint	10892-0404	1	-	-
Threaded ends 3/4" and M26 150 cm	28138-150	1	-	-



CABLE ROLL HO7RN-F

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Cable 2x1.5mm² - 5m.	74652	1	-	0.01
Cable 2x1.5mm² - 10m.	74656	1	-	0.01
Cable 2x1.5mm² - 15m.	74657	1	-	0.01
Cable 2x1.5mm² - 20m.	74658	1	-	0.01
Cable 2x1.5mm² - 25m.	74659	1	-	0.01
Cable 2x1.5mm² - 30m.	74673	1	-	0.01
Cable 2x2.5mm² - 10m.	71645	1	-	0.01
Cable 2x2.5mm² - 15m.	71646	1	-	0.01
Cable 2x2.5mm² - 20m.	71647	1	-	0.01
Cable 2x2.5mm² - 25m.	71648	1	-	0.01
Cable 2x2.5mm² - 30m.	71649	1	-	0.01
100m cable roll	15264	1	187.5	-



UNDERWATER CONNECTION KIT

ASTRALPOOL

The kit has all the necessary components to carry out any watertight connection. Due to the properties of the product, the resin seals all gaps. Maximum safety, easy installation, in 2 hours it is ready to be submerged.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Kit for Ø 13 to 15 mm cables	32803	1	0.3	0.002
Kit for Ø 8 to 12 mm cables	35661	1	0.3	0.002



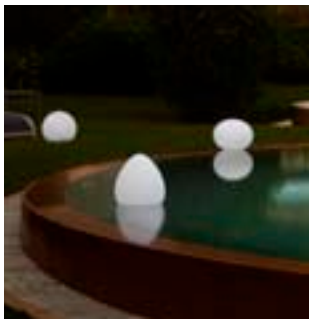
UNDERWATER CONNECTOR

with IP68 protection rating and 4 poles

ASTRALPOOL

Includes 5 connectors ant two wrenches.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Overhead connector	71318	24	4.2	0.3



OUTDOOR LIGHTING

Starlight portable lights

Decorative lights for indoors and out and even for floating in the water. Includes a remote control for choosing one of the 16 different colours available. They work on low consumption LED technology and once the battery has been charged have a runtime of up to 20 hours. Starlight is water-resistant The charger is supplied with the product.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
StarLight Altair				
Conical shape 290 x 320 mm	53937	1	3	0.050
StarLight Sirio				
Circle shape Ø 350 mm	53938	1	3	0.051
StarLight Vega				
Oval shape 350 x 270 mm	53939	1	3	0.051



AQUARMONY UNDERWATER MUSIC SYSTEM



AQUARMONY LOUDSPEAKER

With frontal installation. To listen to music and voice underwater creating a magical and different atmosphere. Aquarmony is a sealed waterproof loudspeaker designed for your pool. It is made of high quality components, innovative technology and with an assembly system assuring a correct operation in salt water or with a high Chlorine content. Easy installation.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Aquarmony Loudspeaker	25680	-	-	-
Niche for concrete pool	00349	-	-	-
Niche for liner pool	00364	-	-	-

Note: The niches come with a stuffing box assembly and a 1.5-m cable grommet specially designed for the Aquarmony range



TECHNICAL FEATURES	
Maximum power	60 W
Impedance	4 ohm
Frequency	200-12000 Hz
Maximum area per loudspeaker	80 m^2
Maximum installation depth	40 cm
Weight	5 Kg
Cable length supplied	5 m



AMPLIFIER AND LOUDSPEAKERS

RK400S

- Built-in SELV power pack with all required protection ratings and safety systems.
- Fully insulated input and output ports, in compliance with standard ENV 61558-1 CEI EN 64-8/7, Section 702.
- RCA stereo input port compatible with any source (CD player, MP3 player, smartphone, etc.).
- Input and output XLR link for connecting other RK400-S devices together.
- Automated equalizers and limiters specially redesigned by Aquarmony.
- Automatic gain control, which does not require volume buttons.
- Four 60 W RMS amplifiers that work separately.
- Output though a gold-plated screw connector.
- On/off and signal display light.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Amplifier and loudspeakers	RK400S	1	-	-

TECHNICAL FEATURES	
Maximum power	4 x 60 W rms
Impedance	4 ohm
Frequency	50-20,000 Hz
Weight	3.6 Kg



POOL LINING MATERIAL

291 ALKORPLAN 200/100 REINFORCED LINER
291 3D ALKORPLAN TOUCH membrane
292 ALKORPLAN CERAMICS reinforced membrane

293 ALKORPLAN 150/100 REINFORCED LINER
293 ALKORPLAN XTREME membrane
294 ALKORPLAN2000 reinforced membrane
295 RENOLIT ALKORPLAN NATURAL POOL

297 ALKORPLAN LINER ACCESSORIES

299 POOL SHELL ACCESSORIES SPECIAL FOR LINER POOL RENOVATION

301 LINER ACCESSORIES

305 CLASSIFICATION OF LINERS DEPENDING ON THE POOL

306 LINERS FOR STAIRS
308 5 x 5
310 Pearl
310 Blue mix
311 Lagoon effect
311 Beach effect
312 Stone effect
312 White
313 Anti-slip
313 Blue
314 Premium Pearl Finish Mix

316 GLASS TILING FOR SPAS AND WELLNESS FACILITIES
316 Sixties

317 GLASS TILING: PROJECTS

319 LINER AND GLASS TILES ACCESSORY

319 UNDER WATER REPARATIONS SOLUTIONS

ASTRALPOOL

RENOLIT ALKORPLAN

ASTRALPOOL RECOMMENDATION
POOL FINISH COLOURS

Colours of pool shell materials recommended by AstralPool depending on the colour of your pool's finish.



POOL FINISH COLOURS

ASTRALPOOL RECOMMENDATION POOL SHELL

LIGHT BLUE | ADRIATIC BLUE | CARIBBEAN GREEN | WHITE | 67497 | 54357



WHITE

SAND | RELAX | SUBLIME | 54316 | 54324 | 54256 (MATT - C3)



BEIGE CL090 RAL1015

LIGHT GREY | PLATINUM | VANITY | SAND PERSIA | FADED MIX



LIGHT GREY CL129 RAL7004

DARK GREY | ELEGANCE | AUTHENTIC | 54398 | FADED MIX | 66717



ANTHRACITE CL144 RAL7016

ALKORPLAN 200/100 REINFORCED LINER

RENOLIT ALKORPLAN TOUCH

3D ALKORPLAN TOUCH membrane

Inspired by nature, the designs bring beauty, elegance and character to each pool with a surprising touch, inviting you to caress the surface. This revolution in reinforced membranes for the lining of pools is now available in 3D. Surrender to the appeal of TOUCH and make any pool look spectacular.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
TOUCH 1.65 x 21 m				
Elegance	74436	-	-	-
Relax	58533	-	-	-
Authentic	58534	-	-	-
Vanity	67968	-	-	-
Sublime	67969	-	-	-
Prestige	67970	-	-	-
Origin	74180	-	-	-

COLOURS


Elegance


Relax


Authentic


Vanity


Sublime


Prestige


Origin

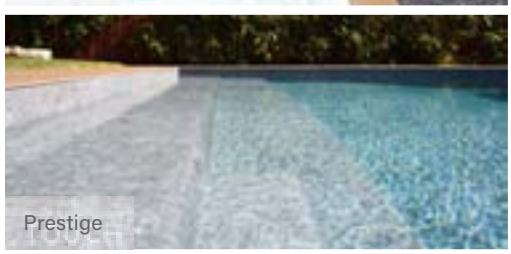

Elegance


Relax


Authentic


Vanity


Sublime


Prestige


Origin

ALKORPLAN 200/100 REINFORCED LINER

RENOLIT ALKORPLAN CERAMICS



SLIP RESISTANCE Category C

GUARANTEE 10 years WATERTIGHTNESS

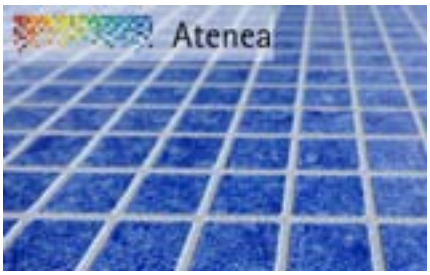
ALKORPLAN CERAMICS reinforced membrane

ALKORPLAN CERAMICS is a reinforced 2-mm embossed membrane for pools that imitates the volume of real glass tiling and its joints to look like a mosaic inspired in Greek mythology. Length: 21 m.

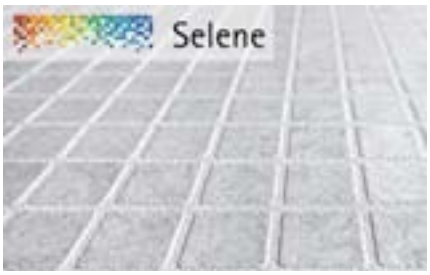
- Watertightness guaranteed.
- Quick to fit in comparison with glass tiling.
- The ceramic pieces on ALKORPLAN CERAMICS do not fall off.
- Minimum maintenance.
- More resistant and long-lasting thanks to its 2-mm thickness.
- Embossed coating that makes it look like real glass tiling.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
1.65 mm width				
Atenea	70673	-	-	-
Selene	70674	-	-	-
Etna	70676	-	-	-

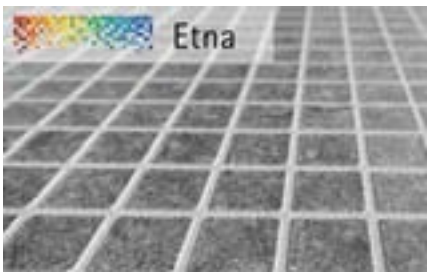
COLOURS













ALKORPLAN 150/100 REINFORCED LINER

RENOLIT ALKORPLAN XTREME
Pools that stand up to anything!!

NOT TOXIC PRODUCT
Healthier ... Less smoke

COMPATIBLE WITH PLANTS & FISH

ALKORPLAN XTREME membrane

ALKORPLAN XTREME is the only reinforced membrane in the market whose colour is resistant to chlorine and stains, even those that usually form on the waterline.

ALKORPLAN XTREME is a smooth, flexible and robust reinforced membrane, thanks to the most advanced technological developments, and it has been made to resist the wear and tear inherent to the daily use of a pool. It is even resistant if there is a continuous large influx of swimmers in a pool and aggressive chemical products are used to treat it.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
1.65 mm width				
Ice	70199	-	-	-
Sahara	70200	-	-	-
Blue Fresh	70217	-	-	-
Blue	70218	-	-	-
Silver	70222	-	-	-
Vulcano	70223	-	-	-
Onix	70224	-	-	-
2.05 mm width				
Ice	70225	-	-	-
Blue fresh	70228	-	-	-
Anti-slip 1.65 mm width				
Ice	70229	-	-	-
Sahara	70230	-	-	-
Blue Fresh	70232	-	-	-
Blue	70233	-	-	-
Silver	70235	-	-	-
Vulcano	70236	-	-	-
Onix	69392	-	-	-

COLOURS



Ice | Sahara | Blue Fresh | Blue | Silver | Vulcano | Onix







ALKORPLAN 150/100 REINFORCED LINER

RENOLIT ALKORPLAN



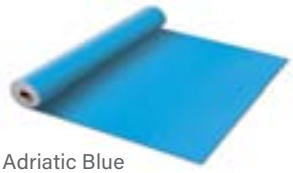
ALKORPLAN2000 reinforced membrane

Reinforced monochrome membrane, coated in a varnish made of a special formulation that protects it from external wear and tear.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
1.65 x 25 m				
Light Blue	49908	-	-	-
Adriatic Blue	49909	-	-	-
White	49911	-	-	-
Sand	49912	-	-	-
Light Grey	49913	-	-	-
Dark Grey	49914	-	-	-
2.05 x 25 m				
Light Blue	49908-205	-	-	-
Adriatic Blue	49909-205	-	-	-
White	49911-205	-	-	-
Sand	49912-205	-	-	-
Light Grey	49913-205	-	-	-
Dark Grey	49914-205	-	-	-
Green	49910-205	-	-	-
Anti-slip - 1.65 x 12.60 m				
Light Blue	66117	-	-	-
Adriatic Blue	66115	-	-	-
Caribbean Green	66116	-	-	-
White	66114	-	-	-
Sand	66118	-	-	-
Light Grey	66119	-	-	-
Dark Grey	66983	-	-	-

COLOURS


Light Blue


Adriatic Blue


White


Sand


Light Grey


Dark Grey

ALKORPLAN 150/100 REINFORCED LINER

RENOLIT ALKORPLAN



ALKORPLAN3000 membrane

Reinforced decorated membrane, coated in a varnish made of a special formulation that protects it from external wear and tear.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
1.65 x 25 m				
Byzanz Blue	49916	-	-	-
Carrara	49919	-	-	-
Marble	49920	-	-	-
Blue Persia	49921	-	-	-
Sand Persia	49907	-	-	-
Anti-slip - 1.65 x 12.60 m				
Blue Persia	67283	-	-	-

COLOURS



Byzanz Blue



Carrara



Marble



Blue Persia



Sand Persia

RENOLIT ALKORPLAN
NATURAL POOL



Olive green



Dark Grey



Black

RENOLIT ALKORPLAN NATURAL POOL

RENOLIT ALKORPLAN NATURAL POOL gives an extra dimension to your garden in summer and winter time. In summer the whole family can enjoy a refreshing dive in the cristal clear water. In winter the pool stays a natural water element in the garden. Waterproofing membrane of flexible polyvinyl chloride (PVC-P) with a polyester reinforcing. Designed for natural swimming pools and small swimming ponds for private use.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
1.5 m x 2.05 m				
Olive green	73015	-	-	-
Dark grey	73017	-	-	-
Black	73019	-	-	-

RENOLIT ALKORPLAN
VOGUE


Vintage


Urban


Summer

RENOLIT ALKORPLAN Vogue

2mm premium membranes, with the same technology and quality as the Touch range but inspired by current interior and exterior decoration trends. Avant-garde designs that aim to respond to an audience that wants a unique, exclusive design pool with personality.

VOGUE is the new ALKORPLAN reinforced membrane with 2 mm thick. It is the strongest and most resistant on the market and its designs transform pools into true design objects. Inspiration comes from refined, modern and aesthetically avant-garde finishes to create dream pools.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Vintage	74975	-	-	-
Urban	74976	-	-	-
Summer	74977	-	-	-

ALKORPLAN LINER ACCESSORIES

RENOLIT ALKORPLAN



ALKORPLUS WELD SEALANT

for the ALKORPLAN 2000 and 3000 ranges

Liquid PVC ALKORPLUS for sealing joints (1 litre tins/pack of 6 tins).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Light Grey	23600	-	-	-
Dark Grey	52619	-	-	-
Caribbean Green	52620	-	-	-
White	52622	-	-	-
Transparent	52623	-	-	-
Light Blue	52624	-	-	-
Adriatic Blue	12284	-	-	-
Sand	52626	-	-	-
Platinum	52627	-	-	-

RENOLIT ALKORPLAN TOUCH



ALKORPLUS TOUCH weld sealant

Specifically for fitting ALKORPLAN TOUCH membranes. Made using an innovative formulations that makes it more resistant to ageing and fading, thus prolonging the pool's service life and its perfect appearance by many years.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Elegance	60613	-	-	-
Relax	60614	-	-	-
Authentic	60615	-	-	-
Vanity	67971	-	-	-
Sublime	67972	-	-	-
Prestige	67973	-	-	-
Origin	74181	-	-	-

ALKORPLAN XTREME

Pools that stand up to anything!!



ALKORPLAN XTREME weld sealant

ALKORPLAN XTREME weld sealant (1 litre tins/pack of 6 tins).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Ice	70266	-	-	-
Sahara	70268	-	-	-
Blue Fresh	70270	-	-	-
Blue	70272	-	-	-
Silver	70273	-	-	-
Vulcano	70274	-	-	-
Onix	69391	-	-	-

ALKORPLAN LINER ACCESSORIES

RENOLIT ALKORPLAN CERAMICS



ALKORPLAN CERAMICS weld sealant

Liquid PVC ALKORPLAN CERAMICS for finished welds (900 g tins/pack of 6 tins).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
White	70678	-	-	-

RENOLIT ALKORPLAN



RENOLIT ALKORPLAN LANE MARKER

Black foil band for marking the streets in public and competition swimming pools. This black membrane and now, with more protection lacquer, offers greater resistance to whitening, designed for the harsh conditions of chemical treatment that usually occur in public pools..

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Rail Bands (25 m x 0.25 m). Black colour	50798-150	-	-	-

RENOLIT ALKORPLAN



ALKORPLAN GEOTEXTILE fungicide

Felt made up of 400 g/m^2 light blue heat-welded polypropylene fibres treated with metal ion anti-bacterial organic additives to act as a stable fungicide. It is used as a protective layer between the ALKORPLAN membrane and the pool surface to prevent the proliferations of bacteria, fungi and micro-organisms, as well as imitating the irregular embossed surfaces that the pool may have had before fitting the liner. Bathers also find the bottom of the pool much more pleasant when they walk on the membrane. Length: 50 m. Light blue colour.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Width 1.50 m. For butt welding	69179	-	-	-
Width 1.65 m	66381	-	-	-
Width 2.00 m	66382	-	-	-

RENOLIT ALKORPLAN



BAND FOR TESTA INSTALLATION

Band to install the membrane RENOLIT ALKORPLAN TOUCH to testa, which is recommended to be done on swimming pool floors for a much more impeccable visual finish. Its use is indicated together with the geotextile felt, 300 g or 400 g, in floors to avoid visible mounds appear next to the joints and welds..

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Butt welding band. Dark grey colour (1.5mm thickness x 15cm width x 20m length)	68828	-	-	-

POOL SHELL ACCESSORIES SPECIAL FOR LINER POOL RENOVATION

EASYCOLOR Inlet Sheath

ASTRALPOOL

+ This kit of inlet sheath allows to change the color, both the embellisher and the floater.
+ This sheath could be installed without changing the skimmer mouth what is very practical to renew or upgrade pools.
+ This kit includes inlet sheath, floater, flanges and embellisher.



73166CL090



73166CL129



73166CL144

Compatible with skimmer items 30866, 30867, 73158, 73159, 73160 , 73161, 73162 and 73163.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Beige - inlet sheath	73166CL090	1	1.22	0.02
Light grey - inlet sheath	73166CL129	1	1.22	0.02
Anthracite grey - inlet sheath	73166CL144	1	1.22	0.02



74035CL090



74035CL129



74035CL1144

Compatible with skimmer items 00251, 00252, 01463, 01464, 11304, 11305, 11311, 11313, 11314 and 11317.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Beige - inlet sheath	74035CL090	1	1.22	0.022
Light grey - inlet sheath	74035CL129	1	1.22	0.022
Anthracite grey - inlet sheath	74035CL144	1	1.22	0.022

SKIMMER ADAPTOR

RENOLIT ALKORPLAN



The skimmer adaptor replaces the need to remove the previous skimmer, as it is inserted into the previous skimmer and sealed using ABS glue or marine silicone. It is only suitable for skimmers with an internal opening of 140 mm x 201 mm

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
	55977	1	1.3	0.02

MAIN DRAIN GRILLE

for pool standard compliance

ASTRALPOOL



74097



74097CL090



74097CL129



74097CL144

Grille to replace the grilles on already installed main drains in private pools, to meet pool regulations. Made of PP plastic. Compatible with main drains 01467, 27837, 27839.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Grille				
White	74097	6	3	0.033
Beige	74097CL090	6	3	0.033
Light grey	74097CL129	6	3	0.033
Anthracite grey	74097CL144	6	3	0.033

UNE-EN 16582-1

Complies with Standards EN 16582-1

UNE-EN 16713-02

Complies with Apt.4.4.1 b.2 of EN 16713-2:2017

POOL SHELL ACCESSORIES SPECIAL FOR LINER POOL RENOVATION



00330



00330CL090



00330CL129



00330CL144

MULTIFLOW THREADED RETURN

inlet for liner pools

Outer 2" thread, Ø 50mm inner. For liner pools. Comes in ABS, with gaskets and screws. Installation with bushing 15662 or 15663 is recommended.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
White	00330	12	4.5	0.020
Beige	00330CL090	12	4.5	0.020
Light Grey	00330CL129	12	4.5	0.020
Anthracite Grey	00330CL144	12	4.5	0.020

Complies with Standards
EN 16582-1
EN 16713-2



00332



00332CL090



00332CL129



00332CL144

SUCTION NOZZLE for liner pools

Outer 2" thread, internal Ø 50 mm. Made of white ABS. Comes with plug, gaskets and screws. Recommended for installation with wall conduit 15663.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Standard return inlet - White	00332	12	4.22	0.020
Beige	00332CL090	12	4.22	0.020
Light Grey	00332CL129	12	4.22	0.020
Anthracite Grey	00332CL144	12	4.22	0.020

Complies with Standards
EN 16582-1
EN 16713-2

For more pool shell elements dediecated to liner pools, see chapter pool shell equipment.

LINER ACCESSORIES

RENOLIT ALKORPLAN



PVC LAMINATE

Particularly suitable for fixing reinforced membrane in existing pools for renovation or for pools. where the horizontal surfaces are uneven or have irregularities.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
PVC laminate (1.4mm thickness x 5cm width x 2m length)	58942	-	-	-

RENOLIT ALKORPLAN



LAMINATE 90° ANGLE PROFILE

A Fixing with a 90° angle, suitable for new pools where the coping has not been fixed or for renovations where the crown can be removed and its upper surface of the pool structure is completely smooth.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Laminate 90° angle profile (1.4mm thickness x 4.5x4.5cm width x 2m length)	58944FE	-	-	-

RENOLIT ALKORPLAN



LAMINATE

Ideal for pools with irregular shapes where the installer can design their own profiles with the angle and size required.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Laminate (1.4mm thickness, 1cm width x 2m length)	56307	-	-	-

RENOLIT ALKORPLAN

BEAD RECEIVER TRACK

50mm white PVC or aluminium profile in piece of 2 m. Suitable for both new pools and renovations, with the possibility of adapting to straight sections as well as curved sections.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
PVC profile (5cm width x 2m length)	74762	-	-	-
Aluminium profile (5cm width x 2m length)	74982	-	-	-



74762



74982

LINER ACCESSORIES

6 MM LOCKING BEAD

Beading to lock the reinforced membrane anchorage when the hung system is used. It also has an aesthetic finishing function.



	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Locking bead. White colour (6 mm width x 50m lenght)	8GAYLLOW	-	-	-

PLATE BAND for liners 150/100°



32324

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Galvanized plate band (2 x 0.05 m)	32324	-	-	-

Note: In the event of assembling a liner 150/100° by hung type fastening with an 8 mm strip, the accessories are the same as for liners 75/100° (see next page).

RIVETS

Aluminium rivets.



	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
25 x 4.8 mm	53795	3	8.0	0.01

DOUBLE PVC HEM

Welded to the edge of the liner, allows the liner to attach to the pool shell, by using the corresponding profile.



	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	12184	250 m	9.0	0.036

LINER ACCESSORIES

ALKORCLEAN WATERLINE

degreaser and ALKORPLUS stain remover



The ALKORCLEAN degreaser is recommended for removing grease from the waterline, while the ALKORPLUS stain remover neutralises metal ions in the water such as copper.

The ALKORPLUS stain remover is a liquid to prevent stains by preventing dirt forming on the waterline.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
ALKORCLEAN waterline degreaser	55976	-	-	-
Alkorplus stain remover	53898	-	-	-

RENOLIT ALKORPLUS

Structure Disinfectant



An effective product for cleaning and disinfecting the structure prior to installing the lining, preventing the proliferation of microorganisms between the ground and the liner and, therefore, the appearance of irreversible stains. Transparent.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Pool Shell Disinfectant. 1L Transparent	53890	6	-	-

RENOLIT ALKORPLUS THF Solvent



THF (Tetrahydrofuran) is a solvent normally used to reduce the viscosity of liquid PVC or sealing lacquer. These products leave the factory with the correct viscosity, but since they are manufactured using volatile solvents, over time their viscosity increases. To reduce it, a small quantity if THF is added in the polyethylene bottle that the sealant contains. It can also be used as a PVC accessory cleaner (tubes, piping, etc.), before the application of the specific PVC glue.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
THF solvent. 1L Transparent	64312	6	-	-

RENOLIT ALKORPLUS MEC Solvent



MEC (Methyl ethyl ketone or Butanone) is a solvent used commonly to reduce the viscosity of sealants manufactured with the same MEK solvent. These products leave the factory with the correct viscosity, but as they are manufactured based on volatile solvents, their viscosity increases over time. To reduce it, add a small amount of MEK to the polyethylene bottle containing the sealant. This product is suitable for 81022 (XTREME), 81023 (TOUCH) and 81024 sealants.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
MEC solvent. 1L Transparent	74450	6	-	-

LINER ACCESSORIES

RENOLIT ALKORGLUE

Neoprene-based contact glue

The RENOLIT ALKORGLUE 81045 glue is a neoprene based contact adhesive. It is toluene-free and environmentally friendly. It will form a prefect bond between ALKORPLAN pool liner membrane, and geotextile 81006 to metal, wood, rigid PVC, concrete and other surfaces. It is not suitable for use in contact with expanded polyestyrene.



	Code	Standard Pack
5 L Yellowish colour	70679	1
20 L Yellowish colour	74981	1

RENOLIT ALKORGLUE Zero solvents

Multipurpose glue free of organic solvents suitable for not damaging sensitive materials like geotextile fleece or polystyrene. Thanks to being in an aqueous suspension, it can be used as a wet, semi-wet or contact glue. It is non-flammable.



	Code	Standard Pack
20 L Beige colour	74465	1

RENOLIT ALKORGLUE

Nitrile Rubber based thermo-adhesive

RENOLIT ALKORGLUE is a toluene-free, Nitrile Rubber based glue. The volatile solvent make is quick-drying and it has high resistance to water, ageing and plasticisers. These factors make it especially suitable for mounting the membrane on cement and mortar, and on stairs and corners even when damp. It has the added advantage of being reactivated by a hot-air welder, for those occasions when the membrane has been left open for long periods.



	Code	Standard Pack
Quick-drying glue. 20 L Beige colour	53891	1

JOINT SEALANT Application Bottle

	Code	Standard Pack
Dosing cap	53893	1
Joint sealant application bottle	53892	1

CLASSIFICATION OF LINERS DEPENDING ON THE POOL

POOL LINERS 75/100°

	Standard pool liners 75/100°	Non-Standard pool liners 75/100°
Solid colour models	**Code**	**Code**
Light blue	09278	05810 ▲
France blue	09277	05809 ▲
Caribbean green	09281 ▲	05813 ▲
White	09279 ▲	05811
Sand	16131 ▲	16137 ▲
Printed colour models	**Code**	**Code**
Servanne	26668	26686
Mosaic	09280	05812 ▲
Blue marble	16132	16138 ▲
Green marble	16132V	16138V
Sand marble	16132A	16138A
Byzantium blue	26669	26678
Byzantium green	26670	26679

Consult us for pools of different designs and shapes

COLOURS


Light Blue

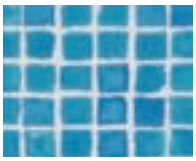

France blue


Caribbean Green

Sand

White

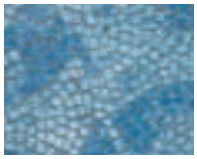

Servanne

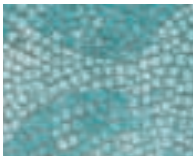

Mosaic


Blue Marble


Green Marble

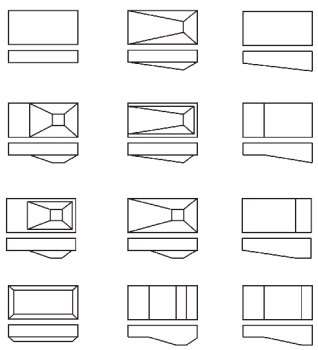

Sand Marble

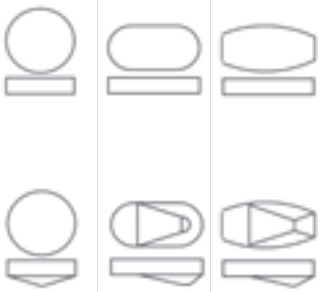

Byzantium blue


Byzantium green

STANDARD POOLS

Rectangular	Round	Oval	Ovoid shaped





NON STANDARD POOLS

Kidney	Lazy	Polygonal	Parallelogram	Trapezium

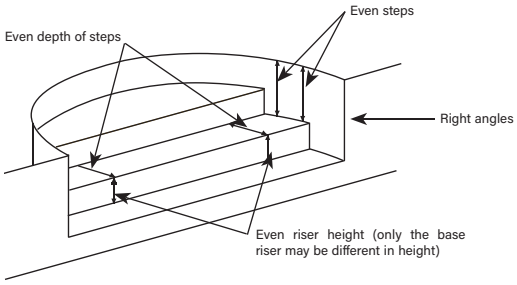


▲ Until end of stocks.

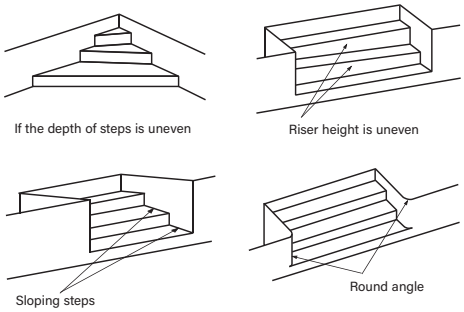
LINERS FOR STAIRS

- Below we provide you with the details of the shapes and models you can choose from plain or printed liners to ensure you select the correct liner for your pool steps.
- Steps that are fitted along the breadth of the basin are invoiced in accordance with the standard model STRAIGHT as long as the width does not exceed 4 meters.
- Attention: the size of the basin should not include the depth of the steps.

STANDARD STEPS



NON STANDARD STEPS



For steps that do not fit the Standard models shown here, request quote.

PLAIN LINERS FOR STAIRS

Steps		Plain Liner	Plain Liner + Bands	Diagram
Shape	Widths	Code	Code	
Straight	0 to 2 meters	05789	05789B	
	3 to 4 meters	05791	05791B	
Roman	0 to 2 meters	16163	16163B	
	2 to 3 meters	25868	25868B	
	3 to 4 meters	05800	05800B	
Right angle	0 to 2 meters	05803	05803B	
	2 to 3 meters	05804	05804B	
¼ Circle	0 to 2 meters	16167	16167B	
	2 to 3 meters	089443	089443B	

PRINTED LINERS FOR STAIRS

Steps		Printed Liner	Printed Liner + Bands	Diagram
Shape	Widths	Code	Code	
Straight	0 to 2 meters	05794	05794B	
	2 to 3 meters	05795	05795B	
	3 to 4 meters	05796	05796B	
Roman	0 to 2 meters	16169	16169B	
	2 to 3 meters	05801	05801B	
	3 to 4 meters	05802	05802B	
Right angle	0 to 2 meters	05806	05806B	
	2 to 3 meters	05807	05807B	
¼ Circle	0 to 2 meters	16173	16173B	
	2 to 3 meters	089446	089446B	

CONDITIONS FOR ACCEPTING AN ORDER

Note: The colours shown in the catalogue are approximate

Order:

All orders or enquiries for modifying orders must be made in writing.
For avoiding any delay, the client, at his own risk, must forward the supplier all the necessary liner measurements for executing the work. In case the information supplied by the client is insufficient, he will have to supply the missing information ahead of the manufacturing time.

Implicit data:

If the following information is not supplied in writing with the order, we shall consider the below mentioned data for the liner manufacture:

* Vertical radii of 15 cm.
* Horizontal radii of a maximum of 5 cm (in the pool shell only). Hung-type fastening system.
* The horizontal measurements taken from the pool shell.
* The depth measurements taken from the lower part of the pool's coping stone to the base of the wall.
* The diagonal measurements taken of the right angles, not of the radii.

To avoid certain misunderstandings, we suggest you take the following precautions:

For holding the liner:
* Specify the type (hung, overlap or V-fasteners); we anticipate that an additional 15 cm of material will be required for the walls if the overlap fastening system is used.

For steps:
* Check whether the angles between the step tread and rise (flat and vertical step surfaces) are truly rectilinear.
* Installation of a discharge nozzle in the middle of the first step is highly recommended for holding the liner in place.
* At least 30 cm of water should be left in the pool for maintaining the first step.
* Avoid designing staircases having more than 5 steps.
* To confirm dimensions, give the lengths of each step.
* Check the verticality of pool walls. In case of deficient plumbness, enquire about the order viability.
* Compound inclination safety ledges should be avoided on the liner.

Taking measurements:

Provide the total lengths and widths.
* All heights of the pool shell.
* Width of the safety step on each side.
* Specify the peripheral size of each side.
* Provide the measurements of each corner and slope.
* All dimensions should be provided with horizontal and/or vertical measurements.

If angles are not straight:



* Measure all of the diagonals from a single point.
* The diagonals of the right angles are only required for irregular shaped pools without right angles.

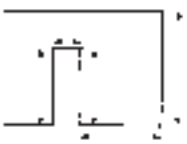
Calculation of arcs of circles:

* The arcs of circles are calculated by their radius.
* If the radius has not been calculated, a template must be used or the triangulation must be calculated to specify it.
* Ellipses are calculated using templates (or a grid plan made at intervals of approximately 1 m).

Sectional views:

* Three views are recommended: a top view, a front view and a side view.

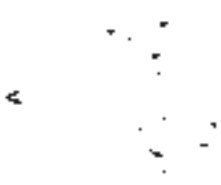
Templates:



* Make templates for the sky and water sides (or one view).
* Templates are made for the pool's shell or cover.

Shuttering:

* Specify the measurements of the shuttering as shown in the diagram.
* Check that the inside vertical angles of the shutterings are straight.
* Check that vertical pool shell angles shuttering are in a straight line.
* Check that the horizontal angle of the wall and shuttering are in a straight line.



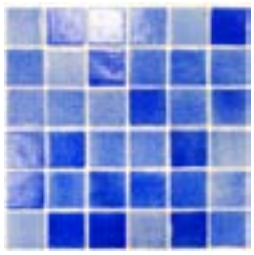
GLASS TILING FOR POOLS

5 X 5

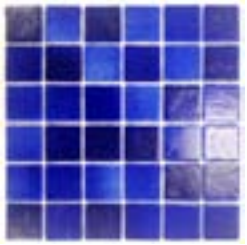
UNNION POLYURETHANE SYSTEM

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
31 x 31 cm / 13.15" x 13.15"				
Niebla azul	NIAZ50Y NIEBLA	-	-	-
Niebla fuerte	NIFU50Y NIEBLA	-	-	-
Niebla piscina	NIPI50Y NIEBLA	-	-	-
Niebla menta	NIME50Y NIEBLA	-	-	-
Blanco	BNCO50Y LISO	-	-	-
503	050350Y NIEBLA	-	-	-



NIEBLA AZUL



NIEBLA FUERTE

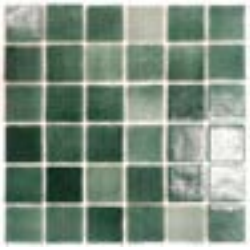


NIEBLA PISCINA



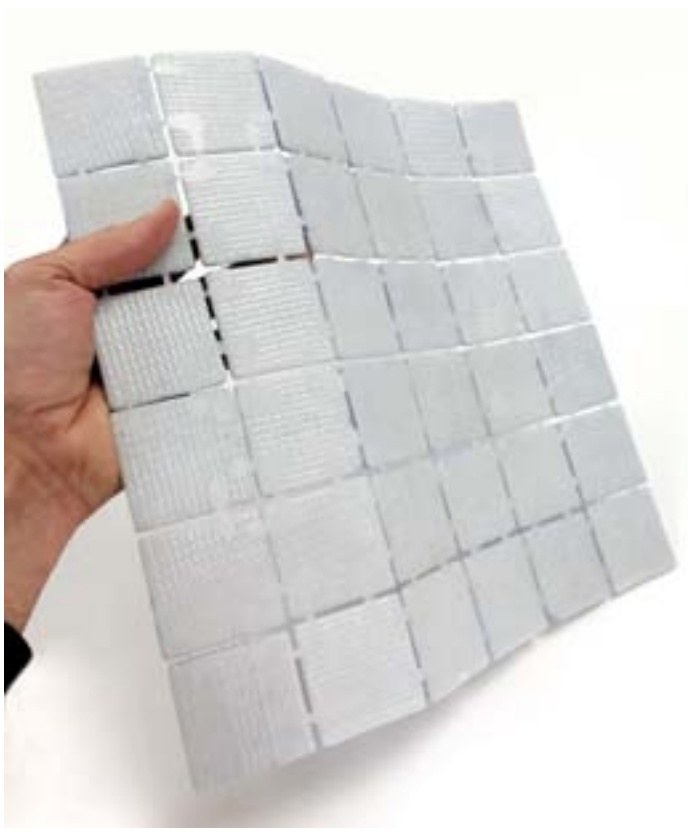
NIEBLA MENTA

BLANCO



503





Does not invade the joints

Resistance

Flexibility

Excellent Grip

Durability

Easy intallation

GLASS TILING FOR POOLS

5X5 UNNION POLYURETHANE SYSTEM

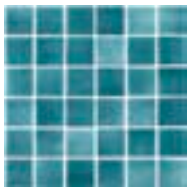
5 X 5

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
31 x 31 cm / 13.15" x 13.15"				
Niebla Tikal	NIVT50Y NIEBLA			
Niebla Koh Pai	NIKO50Y NIEBLA			
Niebla Bacan	NIBA50Y NIEBLA			
Niebla Java	NIJA50Y NIEBLA			
G326	G32650Y NIEBLA GLOSSY			
G340	G34050Y NIEBLA GLOSSY			
G341	G34150Y NIEBLA GLOSSY			
G342	G34250Y NIEBLA GLOSSY			
Niebla Tikal Silk	NIVT50AY NIEBLA ANTIDESLIZANTE			
Niebla Koh Pai Silk	NIKO50AY NIEBLA ANTIDESLIZANTE			
Niebla Bacan Silk	NIBA50AY NIEBLA ANTIDESLIZANTE			
Niebla Java Silk	NIJA50AY NIEBLA ANTIDESLIZANTE			
Chukum Silk	CHUK50AY NIEBLA ANTIDESLIZANTE			
Batur Silk	BATU50AY NIEBLA ANTIDESLIZANTE			


Niebla Tikal

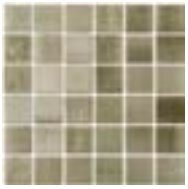

G326


Niebla Tikal Silk


Niebla Koh Pai


G340


Niebla Koh Pai Silk

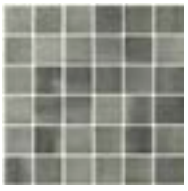

Niebla Bacan


G341


Niebla Bacan Silk


Niebla Java


G342


Niebla Java Silk


Chukum Silk


Batur Silk

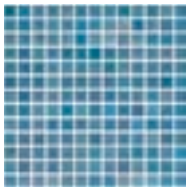
GLASS TILING FOR POOLS

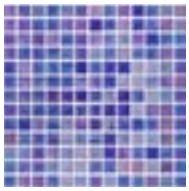
PEARL

ASTRALPOOL


Mod. 1 - 54160


Mod. 2 - 57371


Mod. 3 - 62312


Mod. 4 - 67497

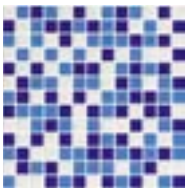

Mod. 5 - 67498

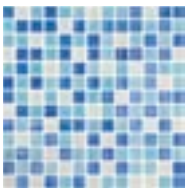
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Pearl model 1	54160	-	-	-
Pearl model 2	57371	-	-	-
Pearl model 3	62312	-	-	-
Pearl model 4	67497	-	-	-
Pearl model 5	67498	-	-	-

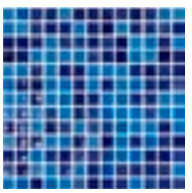


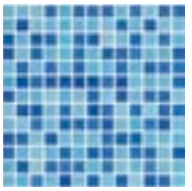
BLUE MIX

ASTRALPOOL


Mod. 1 - 54357


Mod. 2 - 61291

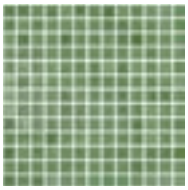

Mod. 3 - 54417

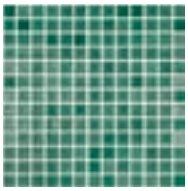

Mod. 4 - 54372

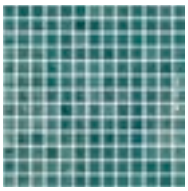
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Blue mix model 1	54357	-	-	-
Blue mix model 2	61291	-	-	-
Blue mix model 3	54417	-	-	-
Blue mix model 4	54372	-	-	-

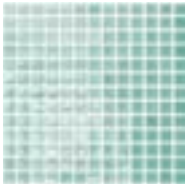


GLASS TILING FOR POOLS


Mod. 1 - 54314


Mod. 2 - 54313


Mod. 3 - 54312


Mod. 4 - 63141

LAGOON EFFECT

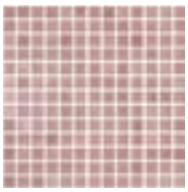
ASTRALPOOL

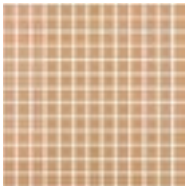
	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Lagoon effect model 1	54314	-	-	-
Lagoon effect model 2	54313	-	-	-
Lagoon effect model 3	54312	-	-	-
Lagoon effect model 4	63141	-	-	-


63141


Mod. 1 - 54316


Mod. 2 - 54324


Mod. 3 - 54315


Mod. 4 - 64359
(Matt - C3)

BEACH EFFECT

ASTRALPOOL

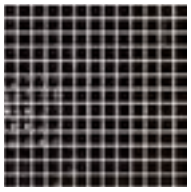
	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Beach effect model 1	54316	-	-	-
Beach effect model 2	54324	-	-	-
Beach effect model 3	54315	-	-	-
Beach effect model 4	64359	-	-	-


54324

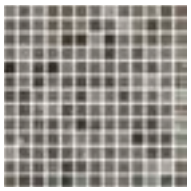
GLASS TILING FOR POOLS

STONE EFFECT

ASTRALPOOL



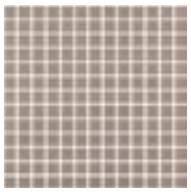
Mod. 1 - 54398



Mod. 2 - 54328



Mod. 3 - 54344



Mod. 4 - 54231
(Matt - C3)

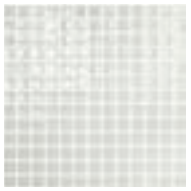
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Stone effect model 1	54398	-	-	-
Stone effect model 2	54328	-	-	-
Stone effect model 3	54344	-	-	-
Stone effect model 4	54231	-	-	-



WHITE

ASTRALPOOL

Mod. 1 - 60020



Mod. 2 - 54369

Mod. 3 - 54256
(Matt - C3)

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
White model 1	60020	-	-	-
White model 2	54369	-	-	-
White model 3	54256	-	-	-



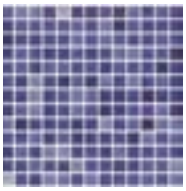
GLASS TILING FOR POOLS

ANTI-SLIP

ASTRALPOOL


Mod. 1 - 54282
(Matt - C3)


Mod. 2 - 54278
(Matt - C3)


Mod. 3 - 54279
(Matt - C3)

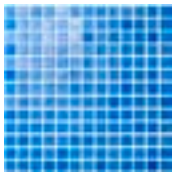
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Anti-slip model 1	54282	-	-	-
Anti-slip model 2	54278	-	-	-
Anti-slip model 3	54279	-	-	-



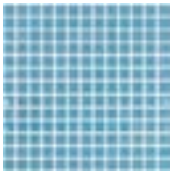
BLUE

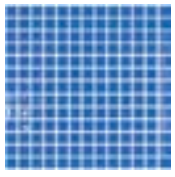
ASTRALPOOL

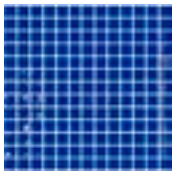

Mod. 1 - 54403


Mod. 2 - 54399


Mod. 3 - 54400


Mod. 4 - 54365


Mod. 5 - 54364


Mod. 6 - 54363

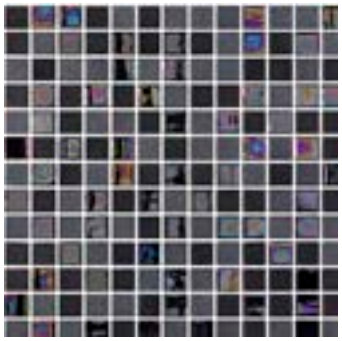
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Blue model 1	54403	-	-	-
Blue model 2	54399	-	-	-
Blue model 3	54400	-	-	-
Blue model 4	54365	-	-	-
Blue model 5	54364	-	-	-
Blue model 6	54363	-	-	-



GLASS TILING FOR POOLS

PREMIUM PEARL FINISH MIX

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
33.4 x 33.4 cm / 13.15" x 13.15"				
Tokyo	TOKY25Y	-	-	-
Montreal	MONT25Y	-	-	-
Paris	PARI25Y	-	-	-
Milan	MILA25Y	-	-	-
Sydney	SYDN25Y	-	-	-
Boston	BOST25Y	-	-	-
Durban	DURB25Y	-	-	-

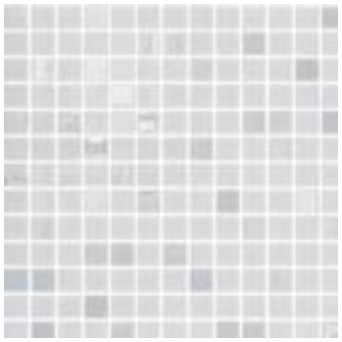


33% MA33 / 33% MT05 / 33% G312

TOKYO



TOKIO



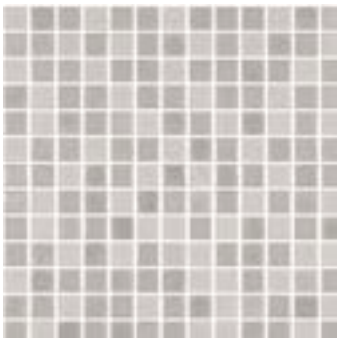
80% BLANCO / 20% G305

MONTREAL



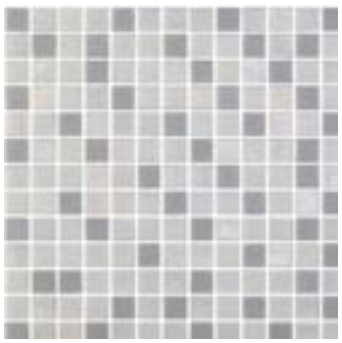
33% G305 / 33% MT04 / 33% NIEBLA BLANCO

PARIS



33% MA35 / 33% MT07 / 33% G329

MILAN



33% NIEBLA BLANCO / 33% MT01 / 33% G328

SYDNEY



33% MT01 / 33% G311 / 33% BLANCO

BOSTON



33% MA34 / 33% MT08 / 33% G330

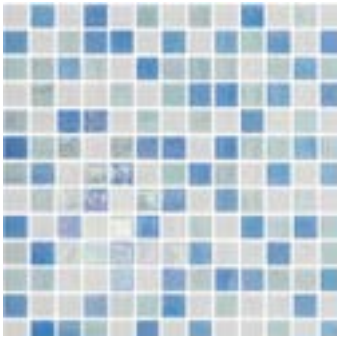
DURBAN

GLASS TILING FOR POOLS

PREMIUM PEARL FINISH MIX

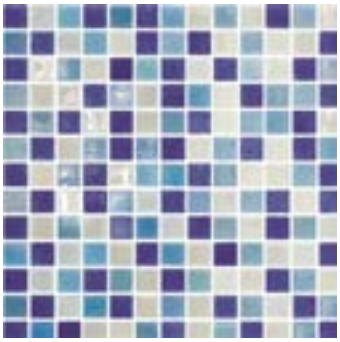
ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
33.4 x 33.4 cm / 13.15" x 13.15"				
Baltic	BALT25Y	-	-	-
Adriatic	ADRI25Y	-	-	-
Artic	ARTI25Y	-	-	-
Pacific	PACI25Y	-	-	-
Indico	INDI25Y	-	-	-
Bali	BALI25Y	-	-	-
Bahamas	BAHA25Y	-	-	-
Murano	MURA25Y	-	-	-
Bahia	BAHI25Y	-	-	-
Martinique	MART25Y	-	-	-



33% G322 / 33% G320 / 33% BLANCO

BALTIC



33% G322 / 33% G305 / 33% NIEBLA FUERTE

ADRIATIC

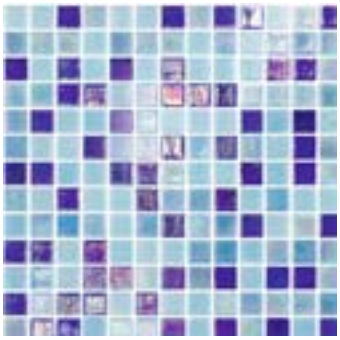


BALTIC



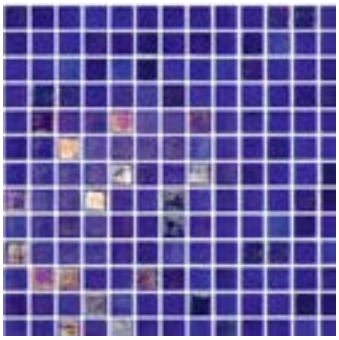
33% G325 / 33% G322 / 33% NIEBLA BLANCO

ARTIC



33% G325 / 33% G322 / 33% NIEBLA PISCINA

PACIFIC



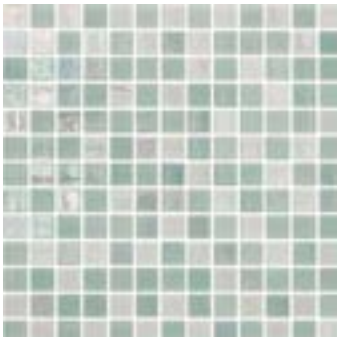
20% G325 / 80% NIEBLA FUERTE

INDICO



33% G320 / 33% MT04 / 33% G328

BALI



33% G320 / 33% G305 / 33% NIEBLA MENTA

BAHAMAS



BAHAMAS



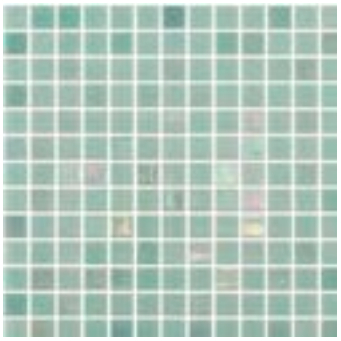
80% 202 / 20% G326

MURANO



60% 203 / 20% G326 / 20% 211

BAHIA



20% G320 / 80% NIEBLA MENTA

MARTINIQUE

Sixties

SIXTIES

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
32 x 29 cm / 12.60" x 11.42"				
White	WHIT60Y	-	-	-
Grey	GREY60Y	-	-	-
Turquoise	TURQ60Y	-	-	-
Blue	BLUE60Y	-	-	-



WHITE



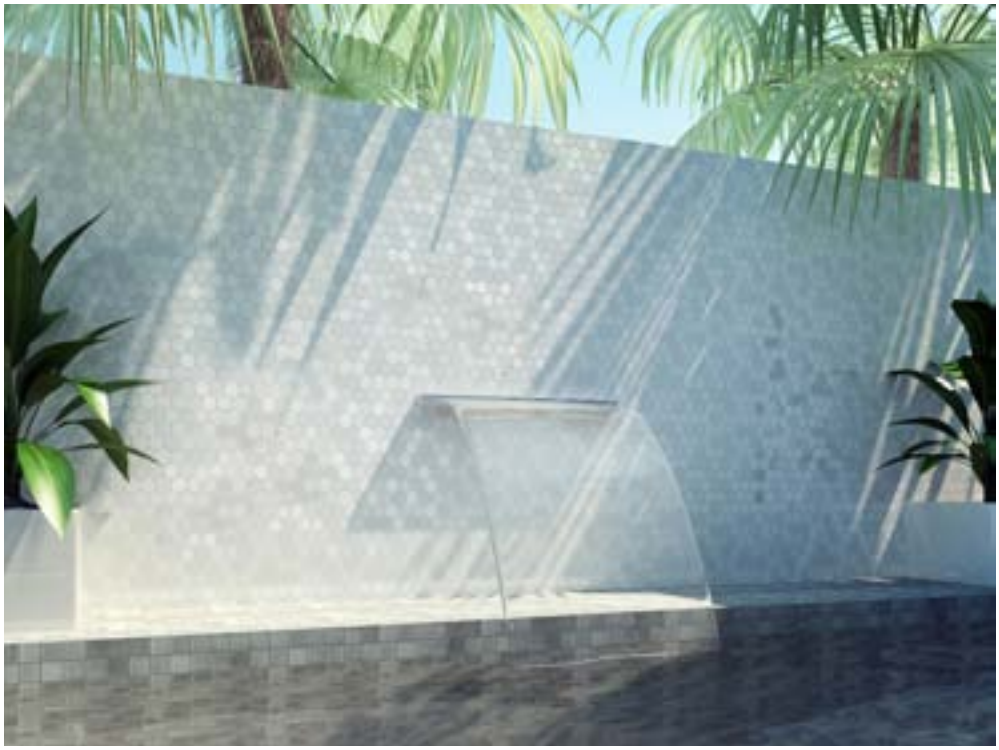
GREY



TURQUOISE



BLUE





CUSTOMIZED PROJECTS

We create drawings and designs in the shapes and colours of your choice. The limits are in your imagination!



LUMINESCENT

Our luminescent mosaic is ideal for signage. It shines in the dark!

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
33.4 x 33.4 cm / 13.15" x 13.15"				
Blue	LU0125Y2	-	-	-
Green	LU0225Y2	-	-	-

BLUE

GREEN



GLASS TILING: TECHNICAL SPECIFICATIONS

+ PLAIN / FOG / TOGAMA MIX / MATT - NON-SLIP / PEARL / LUMINESCENT/DRAWINGS*

PACKING LIST

Packaging list	Dimensions/Plate	m² / Box	Kg / Box	Box / Pallet	m² / Pallet	Kg / Pallet
2.5 x 2.5 cm	33.4 x 33.4 cm	2	18	72	144	1306
5 x 5 cm	30.7 x 30.7 cm	2	22	54	108	1198
Sixties	32.5 x 29.4 cm	1	11	54	54	604

TECHNICAL SPECIFICATIONS

Standard	Description of standard	Plain	Fog	Non-slip matt	Pearl
UNE-EN 10545-3:1997	Water absorption	< 0.10%	< 0.10%		< 0.10%
UNE-EN 10545-12:1997	Scratch resistance	Resistant	Resistant	Resistant	Resistant
UNE-EN 10545-13:1997	Chemical resistance	UA/ULA/UHA	UA/ULA/UHA	UA/ULA/UHA	UA/ULA/UHA
UNE-EN 10545-14:1998	Stain resistance	Class 5	Class 5		Class 5
UNE 67-101:1985+1M:92	Mohs scale resistance to surface scratching	4	4	7	5
UNE-ENV 12633:2003 ANNEX A	Resistance to slipping (Pendulum)			Class 3	
DIN 51130:2010 Section 5	Critical angle of displacement (ramp)			R11	
DIN 51097:1992	Critical slip angle in wet areas where people walk barefoot			Class C	
ISO/DIS 10545-17:1998 ANNEX A	Dynamic friction coefficient (Tortus)			Excellent	

RECYCLED PRODUCT - SUSTAINABLE PRODUCT

ENVIRONMENTAL PRODUCT SELF-DECLARATION PURSUANT TO UNE-EN ISO 14021

1 m² of glass mosaic tiling (including mesh)	
Total solid content (kg/m²)	9.97
Content of solid virgin matter	1.25
Minimum content of after-consumption recycled material (kg/m²)	8.72
MINIMUM CONTENT OF RECYCLED MATERIAL (%) [X = A / A.P.100]	87.4

FINISHES - POLYURETHANE KNIT

UNNION POLYURETHANE SYSTEM

- Resistance
- Durability
- Does not get into joints
- Flexibility
- Easy to place
- Excellent grip

MADE IN SPAIN

87 %

* The borders and patterns are on paper. (Once applied to the mosaic tiling the paper must be removed).

LINER AND GLASS TILES ACCESSORY



HYDRONET

ASTRALPOOL

Is a cementitious , single component mortar that protects and waterproofs all types of brick, concrete and mortar joints from water and humidity. Formulated with hydraulic cements and modified with polymers. Resistant to freeze-thaw cycles and to contact with chlorinated water. Membrane suitable for contact with drinking water.

Sealing product suitable for pools made with Mosaic or ceramic and liner.

TECHNICAL SPECIFICATIONS

Code	Description	Contents (kg/pack)	Color	Density (g/cm^3)
65059	Hidronet	25	Grey	1.3

UNDER WATER REPARATIONS SOLUTIONS



SB-POOL SEALER

ASTRALPOOL

Chemical product specially formulated to seal leaks or leaks from swimming pools, spas, hot tubs, wells, cisterns, pipes, etc.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
SB-Pool Sealer	74725	-	-	-



SB-POOL SUPER40

ASTRALPOOL

Two-component adhesive, structural, flexible and fast that bonds most materials. Bonds, repairs and seals under all conditions, even underwater. Really easy to use.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
SB-Pool Super40	72876	12	0.101	0.0120



SB-POOL SUPERPLAST LIGHT

ASTRALPOOL

Adhesive putty of high mechanical properties, filled inside of an innovative flexible mono-use packaging system for several components. Bonds, repairs and seals under all conditions, even underwater. Really easy to use.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
SB-Pool Superplast Light	72877	10	0.027	0.0002



DEHUMIDIFICATION

322 DEHUMIDIFIERS
324 CAE
328 Omega
332 Ventilation accessories
333 BDP Confort Dehumidifying Unit
334 AirPool
336 AirPool+
338 Optional U.V. disinfection system

DEHUMIDIFIERS

HYGRO CONTROL



Simple dehumidification

Hygro Control is a hygro-thermostat designed exclusively by Zodiac® **for easy and intuitive control of the dehumidification equipment.**

HYGRO CONTROL

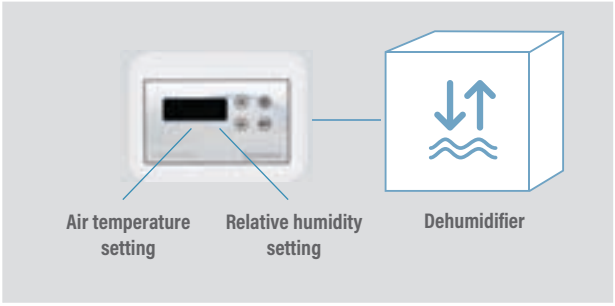
REFERENCE POINT
Find Zodiac® dehumidification products equipped with the Hygro Control function by locating this pictogram in the catalogue.

> HOW DOES IT WORK?

Hygro Control is an accurate and easy to use digital control unit for **setting the desired relative humidity.** Relative humidity characterises the moisture in the air, specifically the quantity of water present as gas in the air in the room or conservatory housing the pool.

If the dehumidifier is fitted with the 'heating' option, Hygro Control can also set the room air temperature.

The unit is supplied with CAE, DF and OMEGA dehumidifiers. Mounted on the wall, it is connected to the dehumidifier.

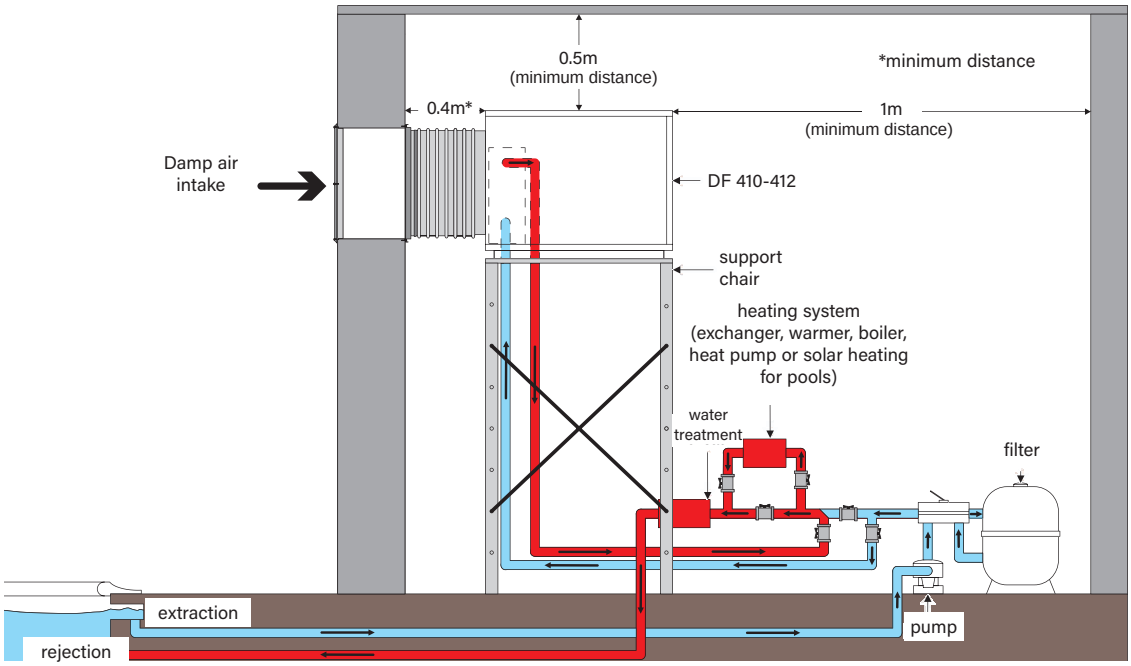


DEHUMIDIFIERS

HYGRO CONTROL

STANDARD INSTALLATION

- Hygro Control should be installed at least 50cm from the outlet
- Do not put it above the system (SIROCCO) or above an outlet grille (CAE, DF, OMEGA)
- It should be at least 1.5m from the floor



Example of an installation with a CAE

Equipping a pool with a good roof and a suitable ventilation system for the room increases the efficiency of the dehumidification system.



DEHUMIDIFIERS



CAE

ZODIAC®

+ Vertical, ducted installation with modular air intake/outlet configurations
+ Available in 4 capacities (8 to 13.5 l/h)
+ Air heating options (electrical heating or hot water coil)
+ Titanium water condenser option, enabling to re-use the excess heat to warm the pool

ACCESSORIES INCLUDED IN THE PACK



Hygro control box

2 YEAR WARRANTY

HYGRO CONTROL

SERVICES +

MADE IN FRANCE

PRODUCT REFERENCE

CAE ducted****	508M	508T	510T	513T	513T	
Standard model	W28CAE8M	W28CAE8	W28CAE10	W28CAE13	W28CAE13	
Model with water condenser option	W28CAE8MC	W28CAE8C	W28CAE10C	W28CAE13C	W28CAE13C	
Model with electric heating option	W28CAE8ME	W28CAE8E	W28CAE10E9	W28CAE10E18	W28CAE13E9	W28CAE13E18
	4.5 kW	9 kW	9 kW	18 kW	9 kW	18 kW
Model with electric heating option and water condenser	W28CAE8MEC	W28CAE8EC	W28CAE10E9C	W28CA10E18C	W28CAE13E9C	W28CA13E18C
	4.5 kW	9 kW	9kW	18kW	9 kW	18 kW
Model with hot water coil option	W28CAE8MB	W28CAE8B	W28CAE10B		W28CAE13B	
	23 kW	23 kW	35 kW		41 kW	
Model with hot water coil option and water condenser	W28CAE8MBC	W28CAE8BC	W28CAE10BC		W28CAE13BC	
	23 kW	23 kW	35 kW		41 kW	

TECHNICAL SPECIFICATIONS

CAE ducted****	508M	508T	510T	513T
Capacity (l/h)*	8		10	13.5
Absorbed power*** (W)	2710		4040	5430
Nominal airflow (m^3/h)	2040		2720	3400
Air flow (m^3/h)	2400		3050	3800
Min. air flow (m^3/h)	1780		2380	2970
Available pressure (mmCE)	15		19	23
Electric power supply	220-240V / 1 N~ / 50Hz	380-400V / 3N~ / 50Hz		
Nominal absorbed intensity (A)***	17.5	5.3	8.5	11
Max. absorbed intensity (A)***	37.1	8	14.5	17
Refrigerant fluid quantity (kg)	1.3/1.45 (1)		2.2/2.5 (1)	
Accoustic Power ((dB(A))**	-	77.6	-	77.6

For all CAE orders a deposit of 30% will be requested with the order.
* Standard unit, in the following nominal conditions: air 30°C, humidity 70%.
** Values measured and certified in compliance with EN ISO 3741 & EN ISO 354 standards, by CCTM (Centre de Transfert de Technologie du Mans) on standard units.
*** excluding the power consumption of electric heating option.
**** An annual check of the sealing of the refrigerating circuit must be carried out for all refrigerating equipment with a load in refrigerating fluid >2 kg and < 30 kg (cf. Art 3 7/05/05 regulation, French decree n° 737-2007). CAE 510 single phase on request.
(1) for units with water condenser option.

DEHUMIDIFIERS

CAE

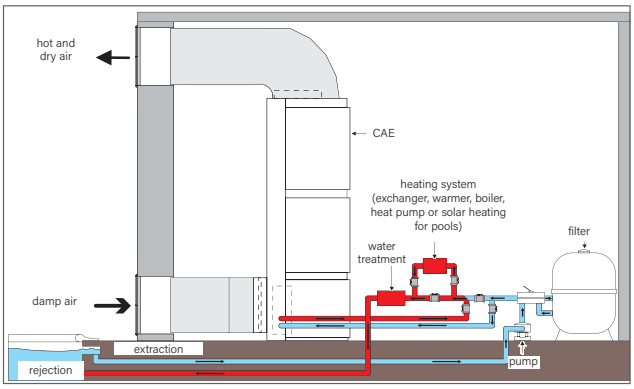
ZODIAC

HOT WATER COIL SPECIFICATIONS

CAE ducted****	508M	508T	510T	513T
Power (kW) with primary at 50-40 °C / 90-70 °C	5.9 / 23		9.8 / 35	11.6 / 41
Water flow (m^3/h) with primary at 90/70°C	1		1.6	1.9
Load loss (mmCE) with primary 90/70°C	1250		1900	2500
Connection (mm)	20 / 27 male thread			

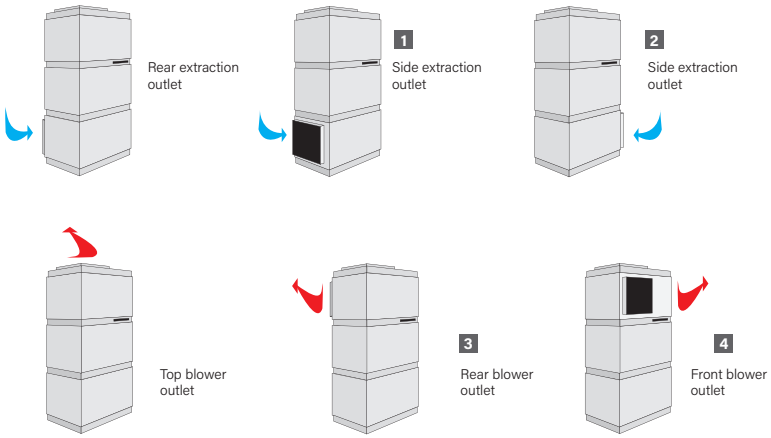
EXTRACTION AND BLOWER OPTIONS

- Installation of an appliance with the TITANIUM water condenser option.
- Damp air intake: the standard intake is installed in the lower part at the rear of the CAE. Optionally, the intake can be installed in the lower part on the left or right hand sides of the CAE.
- Dry air blower: the standard dry air blower is installed in the upper part on the top of the CAE. Optionally the blower can be installed on the top part on the front or rear face of the CAE.



EXTRACTION AND SUPPLY

CAE ducted****	508M	508T	510T	513T
Extractor on the left (frame + filter) 1	W28REGA			
Extractor on the right (frame + filter) 2	W28REDR			
Rear blower (frame) 3	W28SOAR			
Front blower (frame) 4	W28SOAV			



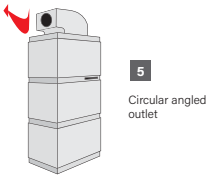
DEHUMIDIFIERS

CAE

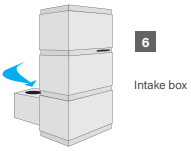
EXTRACTION AND SUPPLY BOX

CAE ducted****	508M	508T	510T	513T
Diameter	Ø 400		Ø 500	
Circular angled outlet	WCH01251		WCH01252	
System central intake box	WCH01253		WCH01254	
Intake box for 625 x 425 grate	WCH03719		Contact us	

Other accessories or casing: contact us



5 Circular angled outlet



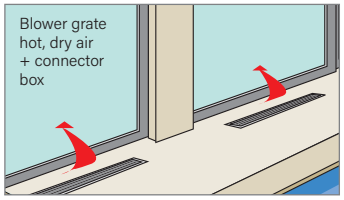
6 Intake box

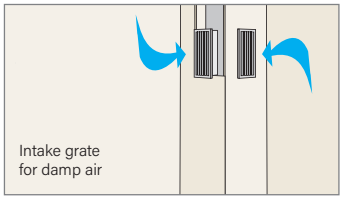
SOUND TRAP

CAE ducted****	508M	508T	510T	513T
Diameter	Ø 400		Ø 500	
Sound trap	WCH03682		WCH03683	

CAE TECHNICAL ROOM + DUCTS

- Installation of an appliance with the TITANIUM water condenser option.
- Damp air intake: the standard intake is installed in the lower part at the rear of the CAE. Optionally, the intake can be installed in the lower part on the left or right hand sides of the CAE.
- Dry air blower: the standard dry air blower is installed in the upper part on the top of the CAE. Optionally the blower can be installed on the top part on the front or rear face of the CAE.



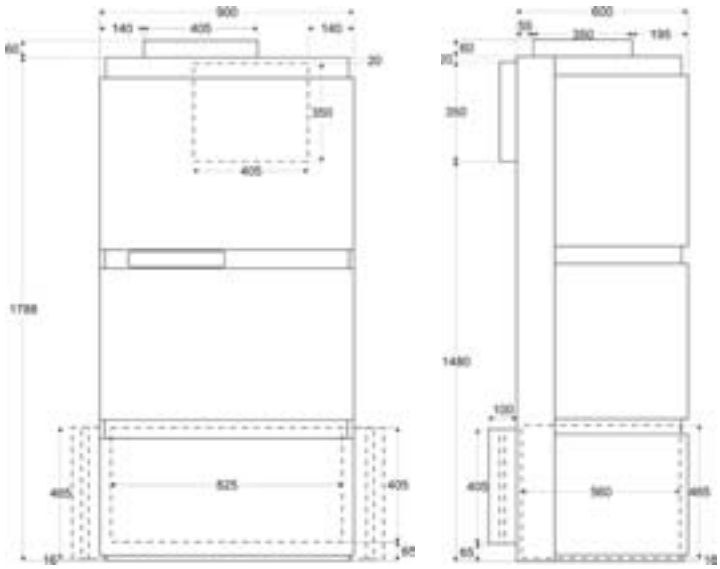


DEHUMIDIFIERS

CAE

DIMENSIONS (MM) AND WEIGHT

CAE ducted****	508M	508T	510T	513T
Weight (kg, excluding accessories and options)	228		235	240

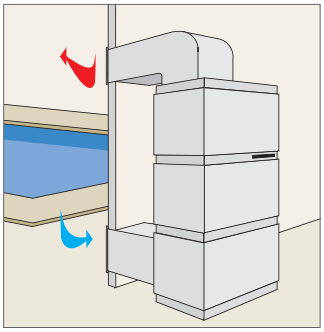


AIR EXTRACTION AND SUPPLY ACCESSORIES

CAE ducted****	508M	508T	510T	513T
Diameter	Ø 400		Ø 500	
Circular rear extraction accessories (1)	WCH01245		WCH01246	
Circular side extraction accessories (1)	WCH01247		WCH01248	
Circular top extraction accessories (2)	WCH01249		WCH01250	
Circular front/rear bloweraccessories (1)	WCH01249		WCH01250	

OPTIONAL ACCESSORIES

625 x 425 grate (plan for 2 grates)	Double 625 x 425 deflector (blower)	Sound trap	Blower angle	Remote regulator box for the dehumidifier	Remote regulator box for 2 dehumidifiers
WTT02355	WTT02366	WCH01234	WCH01255	R0771000	R0771100



DEHUMIDIFIERS



OMEGA

ZODIAC

+ Vertical, ducted installation with modular air intake/outlet configurations
+ Available in 5 capacities (10 to 28 l/h)
+ Air heating options (electrical heating or hot water coil)
+ Titanium water condenser option, enabling to re-use the excess heat to warm the pool

2 YEAR WARRANTY

HYGRO CONTROL

SERVICES +

ACCESSORIES INCLUDED IN THE PACK



Hygro control box

PRODUCT REFERENCES

OMEGA ducted	10T	14T	16T	20T	28T
Standard model	W28OM10	W28OM14	W28OM16	W28OM20	W28OM28
Model with water condenser option	W28OM10C	W28OM14C	W28OM16C	W28OM20C	W28OM28C
Model with electric heating option	W28OM10E	W28OM14E	W28OM16E	W28OM20E	W28OM28E
Model with electric heating option a nd condenser	W28OM10EC	W28OM14EC	W28OM16EC	W28OM20EC	W28OM28EC
Model with hot water coil option	W28OM10B	W28OM14B	W28OM16B	W28OM20B	W28OM28B
Model with hot water coil option and condenser	W28OM10BC	W28OM14BC	W28OM16BC	W28OM20BC	W28OM28BC

TECHNICAL FEATURES

OMEGA ducted	10T	14T	16T	20T	28T
Capacity (l/h)*	10	14	16	20	28
Absorbed power*** (W)	3 840	4 390	5 830	6 430	9 900
Air flow (m^3/h)	3 000	4 000	5 000	6 000	8 500
Available pressure (mmCE)	20				
Electric power supply	380-400V / 3N~ / 50Hz				
Nominal absorbed intensity (A)***	7.6	9	12	16.4	19
Max. absorbed intensity (A)***	13	16	18.5	20.1	23.8
Refrigerant fluid	R407C				
Refrigerant fluid quantity (kg)	3.5/3.8 (1)		3.5/3.9 (1)	3.5/3.8 (1)	8.2/8.5 (1)
Accoustic Power ((dB(A))**	-	83.6	-	82	-

For all OMEGA orders a deposit of 30% will be requested with the order.
* Standard unit, in the following nominal conditions: air 30°C, humidity 70%.
** Values measured and certified in compliance with EN ISO 3741 & EN ISO 354 standards, by CCTM (Centre de Transfert de Technologie du Mans) on standard units.
*** excluding the power consumption of electric heating option.
**** An annual check of the sealing of the refrigerating circuit must be carried out for all refrigerating equipment with a load in refrigerating fluid >2 kg and < 30 kg (cf. Art 3 7/05/05 regulation, French decree n° 737-2007).
(1) for units with water condenser option.

DEHUMIDIFIERS

OMEGA

ZODIAC®

ELECTRIC RESISTANCE SPECIFICATIONS

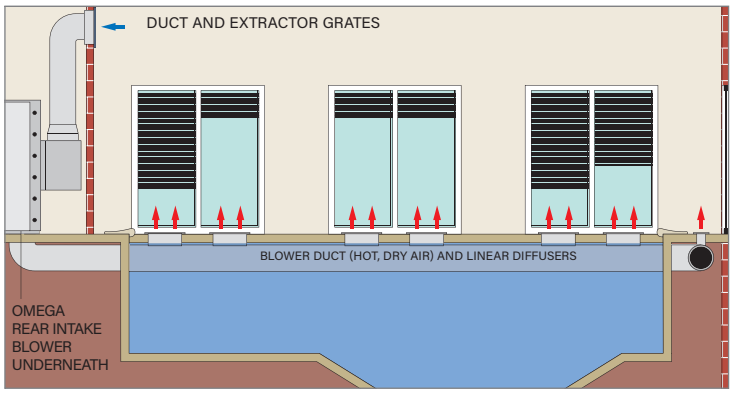
OMEGA ducted	10T	14T	16T	20T	28T
Electric resistance power (kW)	24	34	42	53	76
Electric resistance Max. absorbed intensity (A)	9.5	11.6	13.6	15.2	23

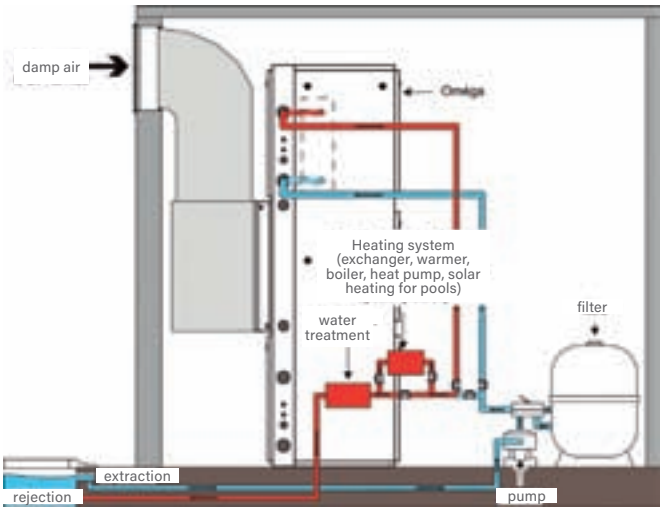
HOT WATER COIL SPECIFICATIONS

OMEGA ducted	10T	14T	16T	20T	28T
Power (kW) with primary at 50-40 °C / 90-70 °C	9.5 / 24	11.6 / 34	13.6 / 42	15.2 / 53	23 / 76
Water flow (m^3/h) with primary at 90/70°C	1.66	2.03	2.35	2.64	3.98
Load loss (mmCE) with primary 90/70°C	930	1340	1760	2170	1410
Connection (mm)	20 / 27 male thread				

INSTALLATION

- Installation in a technical room nearby the pool hall.
- Damp air extractor frame on the rear face for connection to wall or ceiling extractor duct.
- Hot, dry air blower either under or over the system for direct assembly on buried ducts or ceiling service area ducts.
- Simplified aeraulic assembly with very little load loss making it possible to keep the available ventilator pressure for the duct network.
- Hot water coil or extra electric heating fitted inside the system (see options).
- A remote regulator box, temperature sensor and humidity sensor in a duct and box enable you to adjust the operation of one unit or two dehumidifier units.





DEHUMIDIFIERS

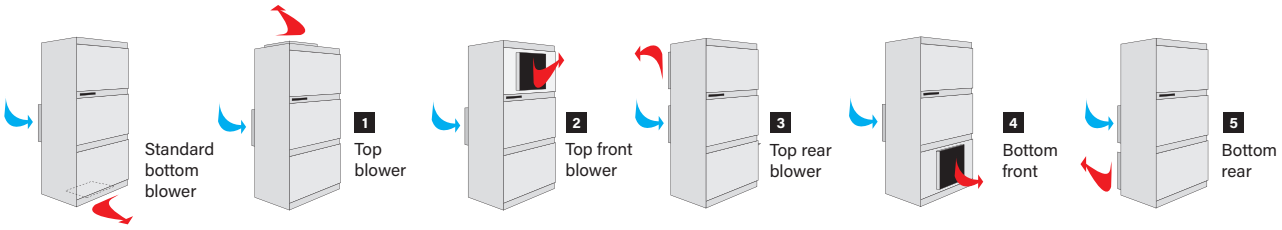
OMEGA

ZODIAC

BLOWER OPTIONS

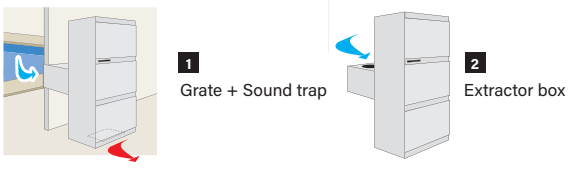
OMEGA ducted		10T	14T	16T	20T	28T
Blower on the top	1	W28SODE			W28SODE20	W28SODE28
Blower on the top to the front	2	W28SOHAV			W28SOHAV20	W28SOHAV28
Blower on the top to the rear	3	W28SOHAR			W28SOHAR20	W28SOHAR28
Blower on the bottom to the front	4	W28SOBAV				
Blower on the bottom to the rear	5	W28SOBAR				

The standard blower on the OMEGA systems is installed under the system (blower inversed compared to the CEA). Optionally, blower can be installed on the top or bottom and either to the front of the rear.



OMEGA INTAKE

OMEGA ducted		10T	14T	16T	20T	28T
Extractor grate 1000 x 600 (4000 à 6000 m³/h) with counter frame	Grate	WFA01477				
	Counter frame	WFA01479				
Sound trap 600 mm (for direct intake from 100 X 600 grate) 1		WCH01236				
Extraction box for Omega systems 2	Caisson	WCH02822		WCH03048		WCH03049
	Diameter	Ø500		Ø630		Ø500
Intake box for 1000 x 600 grate	Caisson	WCH02822		WCH03048		WCH03049
	Diameter	Ø500		Ø630		Ø500



DEHUMIDIFIERS

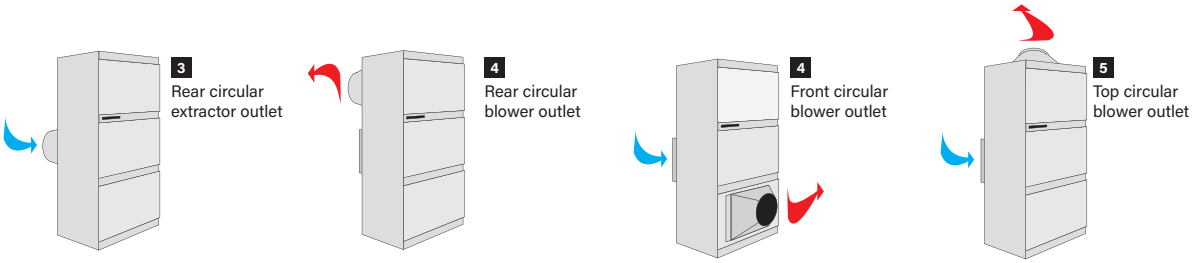
OMEGA

ZODIAC®

EXTRACTION AND SUPPLY ACCESSORIES

OMEGA ducted		10T	14T	16T	20T	28T
Diameter		Ø500		Ø630		2 x Ø500
Rear circular extractor accessories	3	WCH03701		WCH03702		WCH03703
Front/rear circular blower accessories	4	WCH03595		WCH03331		WCH03704
Upper circular blower accessories	5	WCH03705		WCH03706		WCH03707

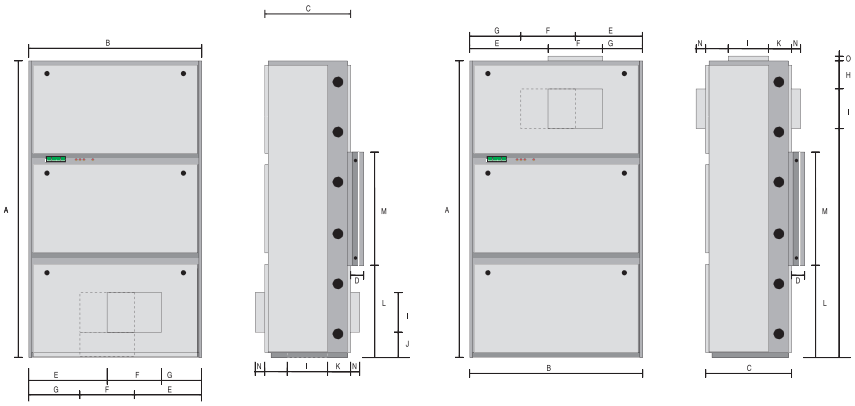
Other accessories or casing: contact us.



WEIGHT AND DIMENSIONS

OMEGA ducted	10T	14T	16T	20T	28T
Weight (kg)	342	344	346	397	505

	Oméga 10 to 20	Oméga 28
A	1940	2170
B	1150	1734
C	625	652
D	70	102
E	445	413
F	410	908
G	295	413
H	240	190
I	345	387
J	75	240
K	225	216
L	655	673
M	630	824
N	60	50
O	20	0
Extractor Width	1060	1650



Blower at the bottom

Blower at the top

ACCESSOIRES EN OPTION

Filters for OMEGA 10, 14, 16 and 20 tri	Filters for OMEGA 28 tri	Remote regulator box for the dehumidifier
WSD01916	WSD03350	R0771000

VENTILATION ACCESSORIES

Ø 400 DUCTS AND ACCESSORIES

Galvanised metal elements thickness 6/10. Diameter Ø 400 for 410, 412 CAE 508. Ducts to be installed in galleries, ceiling service area, technical facility. Plan to use PVC for buried ducts.

Designation / Model	Reference
Punching 45° Ø 160/400	WCH01260
Galvanised duct Ø 400 (ml) shipped in 2m lengths	WCH01180
Galvanised elbow 90° Ø 400	WCH01203
Galvanised elbow 45° Ø 400	WCH01208
Male sleeve Ø 400	WCH01192
Female sleeve Ø 400	WCH03051
Cap Ø 400	WCH01197
T 90° equal Ø 400	WCH01212
Reducer Ø 400/315	WCH01215

Ø 500 DUCTS AND ACCESSORIES

Galvanised metal elements thickness 6/10. Diameter Ø 500 for CAE 510-513 and OMEGA. Ducts to be installed in galleries, ceiling service area, technical facility. Plan to use PVC for buried ducts.

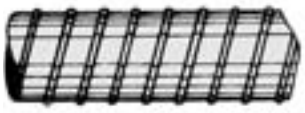
Designation / Model	Reference
Galvanised duct Ø 500 (ml) shipped in 2m lengths	WCH01181
Galvanised elbow 90° Ø 500	WCH01204
Galvanised elbow 45° Ø 500	WCH01209
Male sleeve Ø 500	WCH01193
Female sleeve Ø 500	WCH03052
Cap Ø 500	WCH01198
T 90° equal Ø 500	WCH01213
Reducer Ø 500/400	WCH01216
Reducer Ø 500/315	WCH01217

Ø 630 DUCTS AND ACCESSORIES

Galvanised metal elements thickness 6/10. Diameter 630, for Omega 16-20. Ducts to be installed in galleries, ceiling service area, technical facility. Plan to use PVC for buried ducts.

Designation / Model	Reference
Galvanised duct Ø 630 (ml) shipped in 2m lengths	WCH01182
Galvanised elbow 90° Ø 630	WCH03329
Galvanised elbow 45° Ø 630	WCH03424
Male sleeve Ø 630	WCH03325
Female sleeve Ø 630	WCH03720
Cap Ø 630	WCH03330
T 90° equal Ø 630	WCH03326
Reducer Ø 630/500	WCH03327
Reducer Ø 630/400	WCH03328

Circular duct



Elbow 90°



Elbow 45°



Sleeve



Cap



T 90° equal



Reducer



DEHUMIDIFIERS



BDP CONFORT Dehumidifying Unit

The BDP Confort dehumidifying unit is used for the dehumidification of indoor pools, using the latent heat of evaporation and the performance of the system itself to heat the pool water and the room air.

The energy savings achieved with these systems compared to traditional heating systems mean that they are virtually essential when you wish to heat an indoor pool.The wide range of models covers all market requirements.

- Made of non-corrosive magnesium coated aluminium.
- Thermal-acoustic inside insulation.
- Direct transmission single centrifugal ventilator. Radial Ventilator Optional.
- Air filter can be changed for a G4 type filter.
- Condensation collection gutter with drainpipe.
- A copper nitrogen, dehydrated and deoxidized refrigerated circuit. Air condensation.
- R407C refrigerant gas.
- Evaporation, condensation and hot water batteries made of copper pipes with lacquered aluminium fins (specially designed for corrosive environments).
- Airtight compressor mounted on anti-vibration mounts.
- Pressure balancing expansion valve.
- High and low pressure switch.
- General security switch.
- Power source, compressor and ventilator motor protection mechanisms.
- Full adjustment of all the items included.
- Three-way valves and their regulation when a hot water coil is incorporated.

Web
Dehumidifier configurator:
www.astralpool.com ->
Calculation tools

OPTIONAL U.V.
DISINFECTION SYSTEM
More info in page 338

OPTIONAL

- 1 or 2 stage electric heating option to support air heating.
- Hot water coil to support air heating, with three-way valve, temperature probe and regulation (ask about primary temperatures different to standard equipment).
- Can be supplied with power frequency at 60 Hz on request.

GENERATION OPERATING CONDITIONS

The thermo-hygrometric conditions for these facilities that are considered optimal for materials and people include:

- Air 28°C - 30°C
- 65% HR
- Water 2°C below air temperature.

TECHNICAL FEATURES

Model			BDP-4	BDP-5	BDP-6	BDP-8	BDP-10	BDP-12	BDP-16
Dehumidification CAP. (1)		l/h	4.2	5.2	5.9	8.3	11	12.5	17.35
Air condensation power		kW	7.1	8.5	11.6	12.4	13.8	19.1	26.7
COOLING CIRCUIT									
Type of compressor			ROTARY						
Gas Load		Kg.	3	3.5	4	5	9	9	10
Voltage		V/Ph/Hz	230 / 1 / 50			400 / 3 / 50			
Max. Consumption		kW	1.8	2.4	3.71	3.66	4.33	5.49	6.81
FANS									
Type			CENTRIFUGAL						
Air flow rate		m^3/h	1000	1200	1800	2800	3800	4300	5500
Total available pressure (2)		mca	15	15	20	20	20	20	20
Max. consumption kW		RETURN	0.2	0.2	0.25	0.55	1.1	1.1	3.00
OTHER DATA									
Ø Drain		mm	22						
Noise level AT 1 M		dB	68				69		70
Weight		kg	100	110	160	182	270	360	448
Air filters			G4						
OPTIONAL									
Electric heating power		W	5.0		-	-	-	-	-
Hot water coil power	Power	w	11.6		22.2		35.8		54.9
	Primary T.	°C	90						
		°C	70						
	Flow rate	l/h	500	500	990	990	1590	1590	2420
	Connection	Inches	¾"	¾"	¾"	¾"	¾"	¾"	¾"

(1) For 28 °C air T. 65% RH, 24 °C water T

(2) Return plus suction

DEHUMIDIFIERS





Fluidra Connect compatible

OPTIONAL U.V. DISINFECTION SYSTEM
More info in page 338

Visit our Astralpool dehumidifier configurator

AIRPOOL

ASTRALPOOL

The AIRPOOL dehumidifier is used for the dehumidification of indoor swimming pools, taking advantage of the latent heat of vaporization and the equipment's own performance by heating the pool water and ambient air, recovering the necessary energy, and controlling the air temperature and relative humidity.

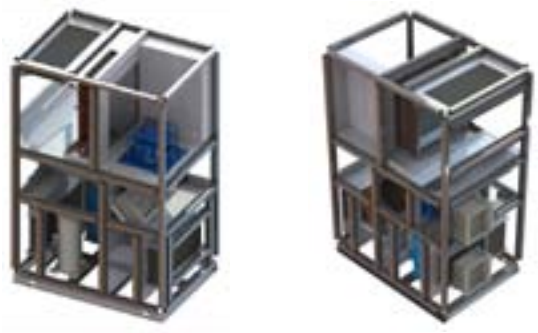
Dehumidification systems are installed in technical rooms and require ventilation ducts for a correct air distribution. In many cases, the space available is limited and it is difficult to find an equipment that fits, and each installation has its own particular features and needs, which is why Airpool dehumidifiers are calculated and designed as a tailor-made solution. Astralpool's technical team is responsible for adapting the equipment in terms of power, performance and the location of air inlets and outlets to meet the specific needs of each installation.

The aim is always to achieve the highest user comfort, better equipment performance, energy savings and compliance with the specific regulations required.

The smaller powers of the Airpool dehumidifiers are available in vertical orientation to reduce their footprint and ease their integration in technical rooms.

Dehumidification can be achieved in two ways: by freecooling or by freecooling plus refrigerant circuit.

Freecooling:



The opening of the freecooling dampers will be controlled by regulation to obtain the optimum solution; it may be the case that the dampers are kept in the minimum opening position.

Part of the air extracted from the enclosure is expelled to the outside and the same flow of new air is added, which joins the other part of the extracted air in the mixing chamber. This extracted air is regulated by the freecooling dampers.

If the air conditions in the mixing chamber already have a specific humidity with a difference compared to that extracted that guarantees the required dehumidification, it will not be necessary to start the compressor of the refrigeration circuit, which means a saving.

Freecooling and refrigerant circuit:

When the air in the mixing chamber does not have low specific humidity enough to achieve the required dehumidification, the refrigeration circuit will be started.

The nominal flow rate at the outlet of the mixing chamber is passed to the refrigeration circuit where the rest of the required dehumidification is produced as it passes through the evaporator coil.

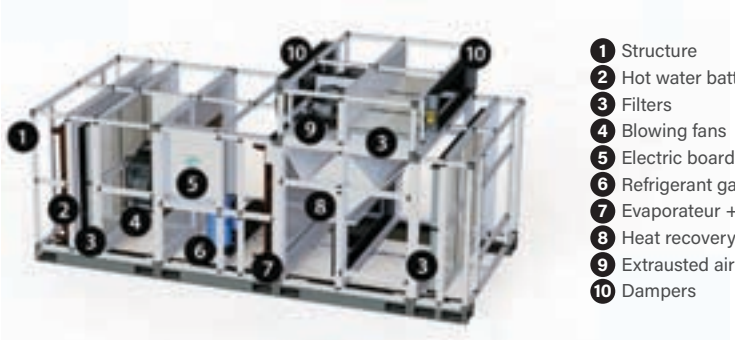
Benefits of choosing the optional heat recovery unit:



Air renewal: Thanks to the fan system, the humid indoor air is treated and sent outdoors, thus facilitating the renewal and cleaning of the air through filters.

Air conditioning: The recuperator provides heat from the indoor air to the cold air coming from outside, thus heating the air and contributing to the climatization of the room.

Energy saving: When heat exchange takes place between the two flows, the air is heated without consuming more energy, using heat that would otherwise be wasted.



1. Structure
2. Hot water battery
3. Filters
4. Blowing fans
5. Electric board
6. Refrigerant gas circuit
7. Evaporateur + Condenser
8. Heat recovery
9. Extrausted air fans
10. Dampers

DEHUMIDIFIERS

AIRPOOL

ASTRALPOOL

STRUCTURE

- The structure is made from aluminium profiles with reinforced nylon on the corners.
- The housing is a 25 mm sandwich panel with IDROTEC polyurethane and auto-close handles, classifying the equipment as tightness L1(M) and thermal transmission T2.
- Condensation collection gutter with drainpipe.

COOLING CIRCUIT

- Evaporation and condensation battery made out of copper pipes with lacquered aluminium fins.
- Scroll compressor.
- R-410A refrigerant gas.

AIR CIRCUIT

- G4 filter.
- Free-cooling system made up of three motorized weir flaps, mixing chamber and return fan.

REGULATORS

- Through a programmable electronic regulator.
- Return air and outside air humidity and temperature probes, and a pool water temperature probe.
- Dirty filter pressure switches.
- Control of the pool water circulation pump through a voltage-free contact.
- Free-cooling weir flap servomotors.

OPTIONAL

- Harnesses the energy in the air discharged from the high-performance crossflow recuperator (according to Spain's RITE Regulation for Thermal Installations in Buildings).
- High-performance backup hot water coil manufactured in copper piping and lacquered aluminium fins specially designed for corrosive atmospheres. Includes a 3-way proportional valve. Controls flow temperature as an optional extra.
- Titanium condensers with PVC shell and Titanium coil.
- M6 filter in pool air suction unit and exterior air inlet and F8 filter in flow unit.
- Siemens regulation with touchscreen, enthalpy control and Eco operating mode, reducing fan flow in line with setpoints.
- Electronic radial plug fan with flow rate control.
- Water-water exchanger, assembled with the water condenser as a series feature.
- Increased air and pressure flow available in fans.
- External condenser.
- Weatherproofed.
- Optional CO_2 probes for controlling the quality of the air and adjusting it.
- Remote management.
- AND/OR preventive maintenance.
- AND/OR warranty extension.
- Start-up.
- Can be supplied with power frequency at 60 Hz on request.

TECHNICAL FEATURES

Model		AIRPOOL-9	AIRPOOL-14	AIRPOOL-18	AIRPOOL-25	AIRPOOL-35	AIRPOOL-45	AIRPOOL-55	AIRPOOL-70	AIRPOOL-85	AIRPOOL-110	AIRPOOL-140	AIRPOOL-180
Voltage	V/Ph/Hz	230/1/50	400 / 3 / 50										
Dehumidification (1)	kg/h	8.4	14.1	18.6	27.0	34.5	47.1	54.3	71.2	86.5	108.0	136.9	177.8
Dehumidification (2)	kg/h	11.6	18.0	23.0	34.4	42.7	59.0	69.1	88.9	108.0	135.0	177.0	231.0
Dehumidification (3)	kg/h	6.1	10.3	12.7	16.6	22.9	30.9	34.5	46.0	57.0	72.2	90.9	116.5
Air flow rate	m^3/h	1800	2500	3800	5500	7000	10000	12000	15000	18000	22000	30000	40000
Crossflow recuperator	m^3/h	540	750	1140	1800	2100	3000	3600	4500	5500	7000	10000	13500
Air battery power (80-60°C)	kW	14.3	22.1	29.3	40.7	54.2	78.3	88.1	111.5	134.1	167.1	237.5	293.8

(1) Local 28°C 65% hr with 30% outside air 20°C 70% hr. With recuperator.

(2) VDI 2089 Local 30°C 54% hr with 30% outside air 5°C 80% hr. With recuperator.

(3) Local 28°C 65% hr in recirculation.

DEHUMIDIFIERS

AIRPOOL+





Mode 1 Recirculation



Mode 2 Alpha cycle



Mode 3 Outdoor air



Mode 4 Alpha cycle + outdoor air



Mode 5 Cooling

OPTIONAL U.V. DISINFECTION SYSTEM
More info in page 338

Visit our Astralpool dehumidifier configurator

The new high performance Airpool+ dehumidifier is used for the dehumidification of indoor pools. Thanks to its design, in which the cooling circuit's components are arranged differently than in a conventional dehumidifier, the dehumidified air is reused by a recuperator, which significantly increases performance.

The free cooling system serves a dual purpose:

The first is its capacity for renewing air so that users breathe in the best quality of air possible and the second is to take advantage of outdoor conditions for dehumidifying, thus reducing the unit's consumption. This free cooling system regulates itself according to relative outdoor and indoor humidity, and the default value.

Users can set the times the unit works. In night-time mode, conditions are less restrictive than in daytime mode as there is nobody in the pool, so settings are read to dehumidify it but not to regulate air quality.

The Airpool+ dehumidifier has five operating modes:

Mode 1 Recirculation

This operating mode is for night-time only. The return flow rate fulfils all night-time default conditions required, so the cooling cycle does not have to be switched on and all of the water is recirculated. Users can set the fan speed to keep power consumption and noise down to a minimum.

Mode 2 Alpha cycle

The return conditions measured show that the pool should be dehumidified, so the cooling cycle starts up without any outdoor air being fed into it.

This operating mode can only be run at night-time.

Mode 3 Outdoor air

In this operating mode, the unit is able to reach the desired return conditions thanks to the regulation of weir flaps. As the flow rate of outdoor air very often results in energy savings, outdoor conditions help bring down the humidity in the pool area and just a small inflow of heat can be enough to reach the desired temperature if the set return temperature has not been reached.

Mode 4 Alpha cycle + outdoor air

This operating mode should be used when the inflow of outdoor air is unable to reach the desired conditions. This does not mean that the weir flaps on the free cooling system close to keep the flow rate to a minimum as the regulation system used ensures that the flaps open to the optimum position to make the most of the outdoor air.

Mode 5 Cooling

Without exterior condenser or water condenser

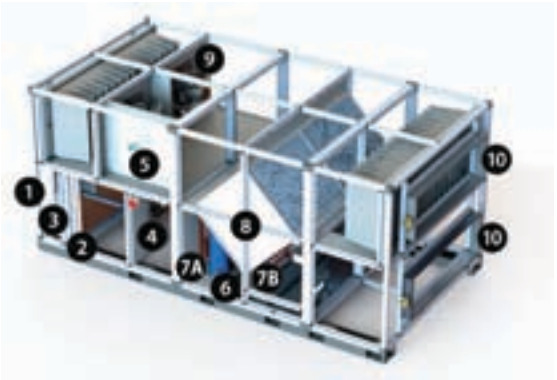
The unit's free cooling system will endeavor to reach the conditions selected by the user as well as keeping to IAQ standards. The by-pass valve on the recuperator is used to make the most of outdoor conditions.

With exterior condenser

This optional feature is recommended for facilities in areas with high humidity and high temperatures. As this feature is built into the unit, no additional installation is required. It expels excess heat outdoors and feeds cool, dry air into the pool.

With water condenser

When temperatures in a pool facility rise above the default temperature, warm air will no longer be fed into it. However, it may still be necessary to dehumidify the air but as the outdoor air cannot be used to do so the cooling cycle will start to run and instead of condensing the air, both the air and water will be condensed.



1 Structure
2 Hot water battery
3 Filters
4 Blowing fans
5 Electric board
6 Refrigerant gas circuit
7A Condenser
7B Evaporateur
8 Heat recovery
9 Extrausted air fans
10 Dampers

DEHUMIDIFIERS

AIRPOOL+

STRUCTURE

- The structure is made from aluminium profiles with reinforced nylon on the corners.
- The housing is a 45 mm sandwich panel with IDROTEC polyurethane and auto-close handles, classifying the equipment as tightness L1(M) and thermal transmission T2.
- Condensation collection gutter with drainpipe.
- Equipment interior with painted sheet metal for greater durability against chlorine degradation.

COOLING CIRCUIT

- High-performance evaporation and condensation batteries manufactured in copper piping and lacquered aluminium fins.
- Scroll compressor.
- R-410A refrigerant gas.

AIR CIRCUIT

- M6 filter in pool air suction unit and exterior air inlet and F8 filter in flow unit.
- Radial plug fans with flow rate control.
- Free-cooling system made up of three motorized weir flaps, mixing chamber and return fan.
- Harnesses the energy in the air discharged from the crossflow recuperator from 100% of flow.
- Back-up water heating battery. With three-way proportional valve and flow-rate temperature control.

REGULATORS

- Siemens regulation with touchscreen, absolute humidity control and Eco operating mode, reducing fan flow in line with setpoints.
- Return air and outside air humidity and temperature probes, and a pool water temperature probe.
- Dirty filter pressure switches.
- Control of the pool water circulation pump through a voltage-free contact.
- Servomotors for free-cooling weirs.

OPTIONAL

- Increase in air flow rate (involves rise in heating battery power).
- Titanium condensers with PVC shell and Titanium coil.
- Water-water exchanger, assembled with the water condenser as a series feature.
- Equipment can be operated in reverse to expel surplus heat from the facility.
- Weatherproofed.
- Optional CO_2 probes for controlling the quality of the air and adjusting it.
- ModBus.
- Remote management.
- AND/OR preventive maintenance.
- AND/OR warranty extension.
- Start-up.
- Can be supplied with power frequency at 60 Hz on request.

TECHNICAL FEATURES

Model		AIRPOOL+ 12	AIRPOOL+ 22	AIRPOOL+ 30	AIRPOOL+ 44	AIRPOOL+ 54	AIRPOOL+ 70	AIRPOOL+ 84	AIRPOOL+ 108	AIRPOOL+ 132	AIRPOOL+ 175
Voltage	V/Ph/Hz	220/1/50	400 / 3 / 50								
Dehumidification (1)	kg/h	13.4	22.3	21.7	44.3	53.6	70.9	84.2	110.7	133.4	177.6
Dehumidification (2)	kg/h	25.6	30.2	57.1	85.6	102.3	136.8	162.4	213.7	256.2	342.3
Dehumidification (3)	kg/h	8.0	12.8	12.3	25.0	37.8	42.5	50.6	66.5	83.7	130.9
Air flow rate	m^3/h	2100	3500	4900	7000	8400	11200	13300	17500	21000	28000
Recuperator efficacy (1)	%	67	69	71	68	73	70	70	70	68	68
Air battery power (90-70°C)	kW	20.4	38.7	48.5	71.0	87.9	106.7	134.2	177.8	216.5	273.0

(1) Local 28°C 65% hr with 30% outside air 20°C 70% hr.

(2) VDI 2089 Local 30°C 54% hr with 30% outside air 5°C 80% hr.

(3) Local 28°C 65% hr in recirculation.

DEHUMIDIFIERS

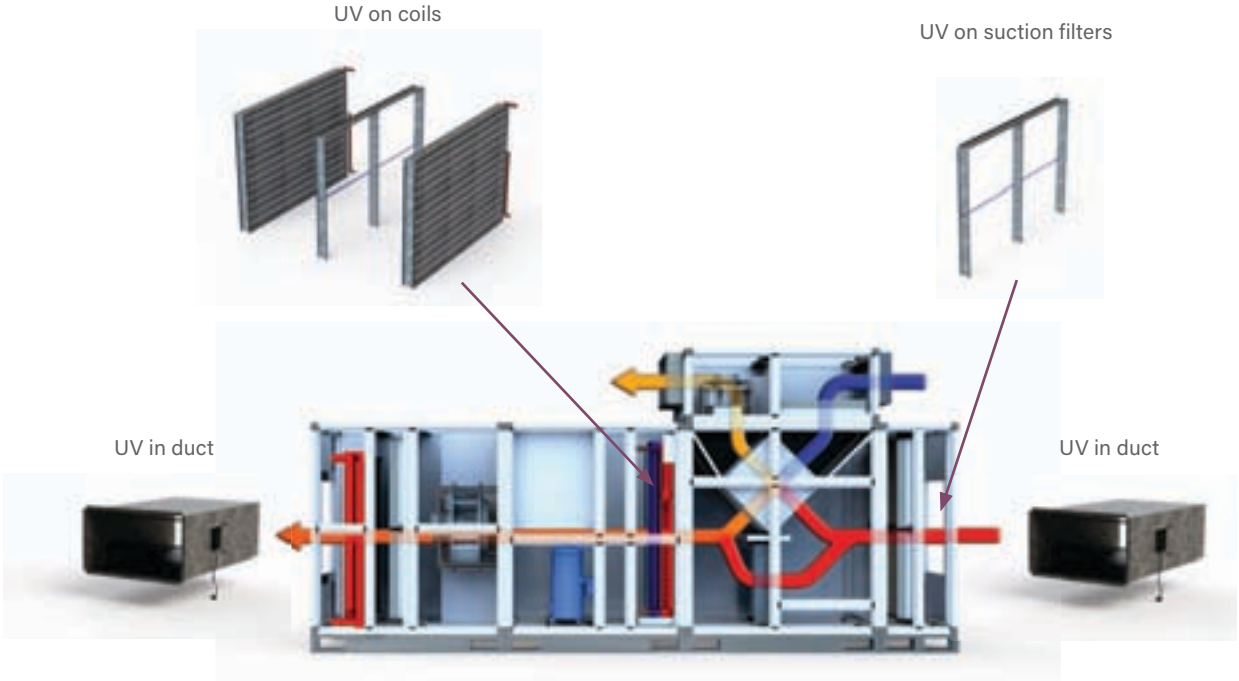
OPTIONAL U.V. disinfection system

Optional U.V. disinfection system, is a highly effective way to destroy microorganisms including: virus, bacteria, and mold spores.

Short wave UV light (UVC) penetrates the cell structure of the micro-organism and destroys the DNA structure and thereby prevents it from replicating.

This method of purification is ideal for dehumidifiers because it is completely safe, fast and easy to use and with simple maintenance.

The versatility of this disinfection system makes it easy to install in different parts of the dehumidifier. This is a taylor-made option that we study its location in each dehumidifier.







HEATING & COOLING

342 SWIMMING POOL HEATING SOLUTIONS

344 HEAT PUMPS
344 Power Force
346 Z950
348 ProHeat II
350 ProHeat II Indoor

352 WATER TO WATER CHILLER
352 Alaska - Siberia
353 Bering chiller

354 ELECTRIC HEATERS
354 RE/I
355 Commercial electricheat (incoloy version)

357 HEAT EXCHANGERS
357 Waterheat EVO
358 Etna
360 Uranus Unequipped and Plus

PARAMETERS FOR CHOOSING A HEATING SYSTEM

To define a system suitable for a pool, many parameters need to be considered. The most important parameters (but non-exhaustive) are the ones below:

1. Average outdoor air temperature (°C)
2. Pool water target temperature (in °C)
3. Period of use
4. Pool volume (m^3)
5. Presence of an isothermal cover or not
6. Filtration time

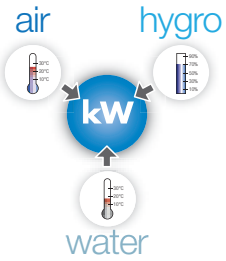
To consider all the parameters which impact the sizing of a heating system, online AstralPool configurators are available:

- For professional use, visit our Profluidra website.
- For public use, visit our simplified configurator on AstralPool website.

The choice of heating equipment also depends on the energy source that will be used.

UNDERSTAND THE CONCEPT OF PERFORMANCE

To compare the performance of different heat pumps, it is essential to compare restituted power and performance coefficient.



Two main values characterise the performance of heat pumps: their power and their performance coefficient.

- **Power**, expressed in kW, indicates the quantity of heat transferred to the water.
  It is expressed in specific climatic conditions to which the heat pump is exposed during use:
  - Temperature of the outside air (in °C)
  - Humidity of the outside air (in %)
  - Temperature of the water in the pool (in °C)
- **The coefficient of performance (COP)** is the ratio between the restituted power and the power consumption of the heat pump. As a result, it is the ratio at specific climatic conditions too.

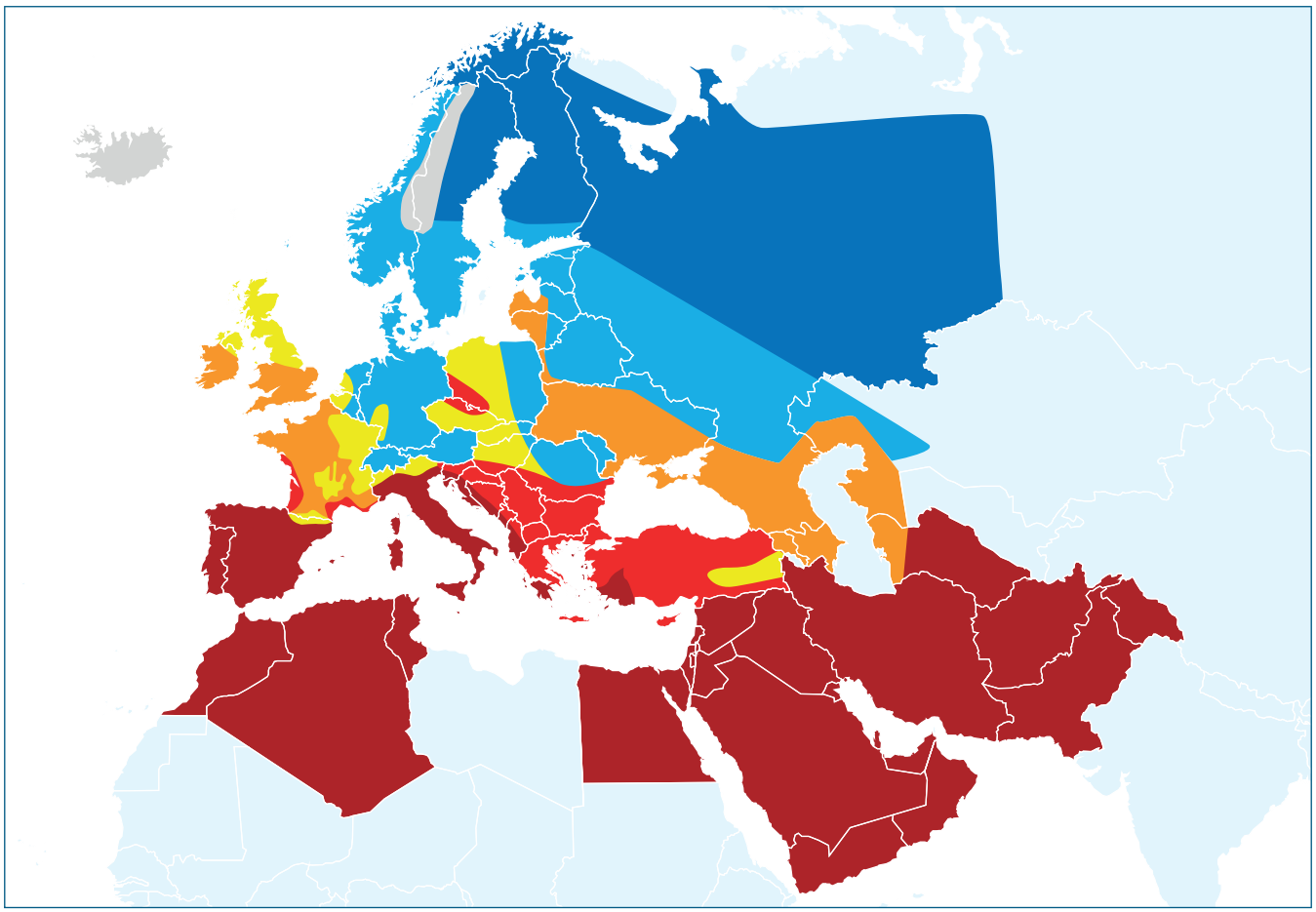
  As an example, a performance coefficient of 5 means that for 1 kWh consumed at the electricity meter, the heat supplies 5 times more energy to the water in the pool, or 5 kWh.

  So the higher the performance coefficient, the more efficient the system.

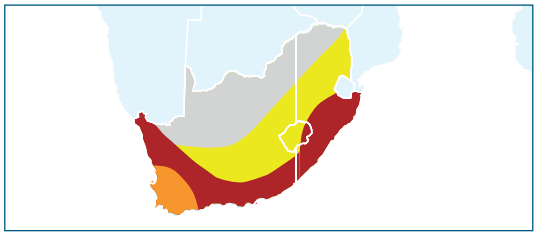


COMMERCIAL POOL HEATING SOLUTIONS

CLIMATE ZONES



SOUTH AFRICA

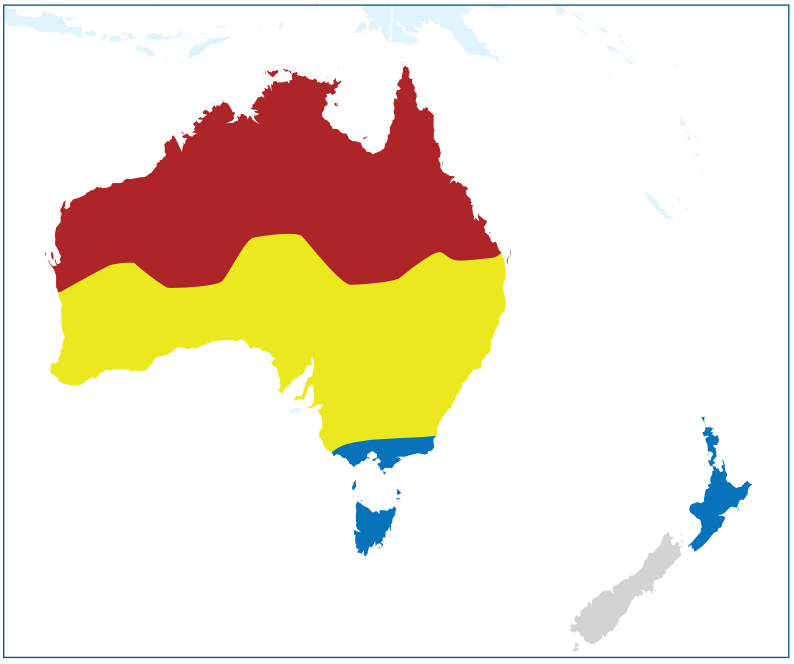


•Pool location zones

Zone 1
Zone 2
Zone 3
Zone 4
Zone 5
Zone 6
Zone 7

Caribbean Islands, Reunion Island, Canary Islands are part of Zone 7.

AUSTRALIA



HEAT PUMPS



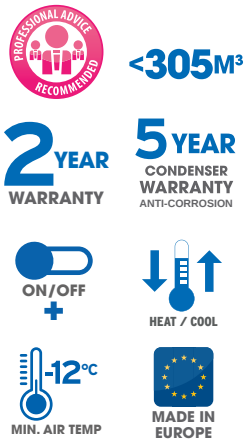
POWER FORCE

ZODIAC

+ Certified performances
+ Variable speed fan, quiet and energy-saving
+ Year-round operation down to -12°C

Visit our Zodiac heat pump configurator

- Horizontal blowing
- Galvanized steel, epoxy painted body
- LCD display
- Heating priority mode (filtration pump control)
- Possible On-off control through remote switch or home automation system
- Variable speed (DC) fan with automatic noise reduction
- Automatic cooling mode
- Automatic defrosting (cycle inversion)
- Titanium water exchanger, compatible with salt water treatment
- On-off compressor, scroll
- DC fan, variable speed (inverter)



ACCESSORIES INCLUDED IN THE PACK

- Condensate drain kit
- PVC and gaskets, unions, Ø 63
- Anti-vibration pads

OPTIONAL ACCESSORIES

Cleaning kit HP - WMA03491

TECHNICAL FEATURES

Model	TD25	TD35
Standard Model	W20PFORCE25TD	W20PFORCE35TD
Recommended water flow (m³/h)	10	
Hydraulic connection	PVC unions, ø63 , glued	
Electric power supply	380-400V / 3N~ / 50Hz	
Nominal operating power (A)	10,6	12,9
Maximum operating power (A)	14,2	18,1
Recommended Power cable size*	5 x 4	
Refrigerant fluid	R410A	
Refrigerant fluid quantity (kg)	6,40	6,30
Acoustic power	70	71
Acoustic pressure at 10m (dB(A))**	38,00	39,00

HEATING PERFORMANCE

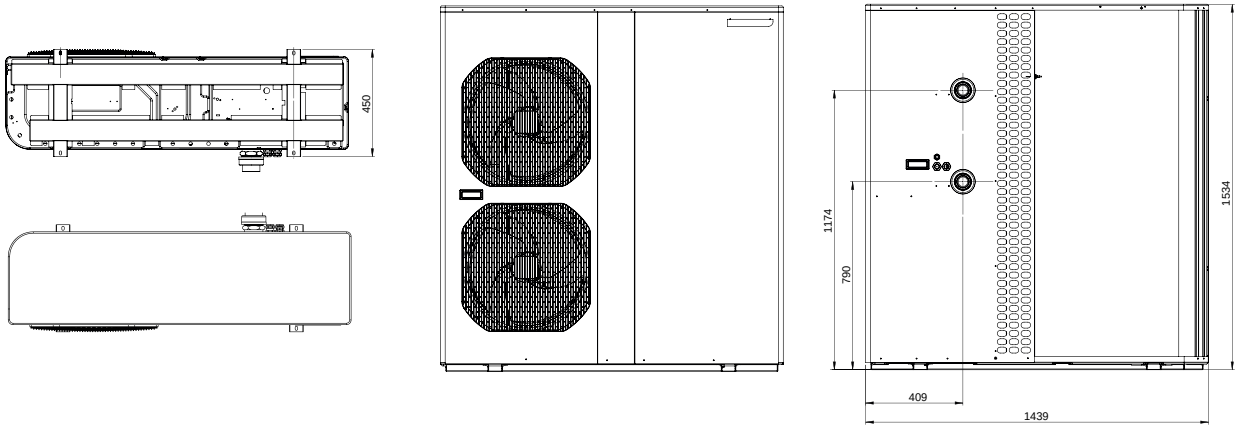
Model	TD25	TD35
AIR 28°C / WATER 28°C / HUMID. 80%		
Operating power (kW)	33	45,5
Consumed power (kW)	6,1	8,6
COP	5,4	5,3
AIR 15°C / WATER 26°C / HUMID. 70% NF		
Operating power (kW)	28,7	37
Consumed power (kW)	5,6	7,6
COP	5,1	4,9

*Cable not provided. Recommended section for a maximum length of 20 meters.
** According to EN60704-1:2010+A11:2012 standard

HEAT PUMPS

WEIGHT AND DIMENSIONS

Model	TD25	TD35
Weight (kg)	205	205



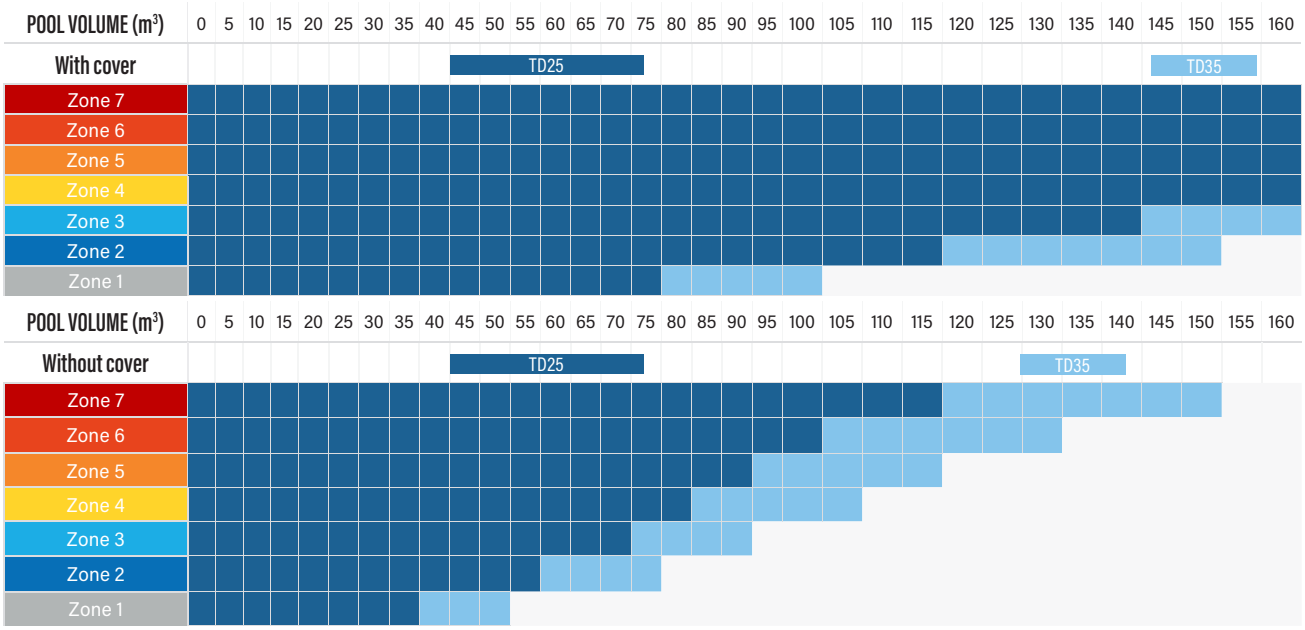
HEAT PUMPS SELECTION GUIDE

PARAMETERS OF THE QUICK SELECTION GUIDE

This quick selection guide has been configured with the following parameters: private pool, for a use from beginning of may to end of september, average depth 1.5m, 14h filtration time, target pool water temperature 28°C.

SELECT THE POWER IN LESS THAN 1 MINUTE

How to read: For a 135m³ pool, with cover, located in zone 4, a POWERFORCE TD25 is needed*.



*To find the corresponding pool location zone, consult our climate map in page 343

Zodiac recommends to use the web configurators to get a more accurate sizing

For professional use, visit our configurator on Profluidra website.
For public use, visit our simplified configurator on Zodiac website.

HEAT PUMPS



Z950

ZODIAC

+ Vertical blowing
+ Aluminum body
+ Year-round operation down to -12°C

Visit our Zodiac heat pump configurator

- Vertical blowing
- Anodized aluminum body
- LCD display, detachable
- Fluidra Connect compatible (automation and wi-fi control, with optional Connect Box)
- Heating priority mode (filtration pump control)
- Possible On-off control through remote switch or home automation system
- Emergency stop
- Automatic cooling mode
- Automatic defrosting (cycle inversion)
- Anti-freeze thermostat
- HP & LP safety pressure switch
- Water flow switch
- Titanium water exchanger, compatible with salt water treatment
- On-off compressor, scroll
- Thermostatic expansion valve
- Can be supplied with power frequency at 60 Hz on request.

ACCESSORIES INCLUDED IN THE PACK

- Condensate drain kit
- PVC and gaskets, unions, Ø 63 or 75
- Anti-vibration pads

OPTIONAL ACCESSORIES

Cleaning kit HP - WMA03491

TECHNICAL FEATURES

Model	Z950 35	Z950 45	Z950 60	Z950 90	Z950 120
Standard Model	WH000456	WH000458	WH000460	WH000462	WH000464
Recommended water flow (m^3/h)	13	20	30	42	60
Hydraulic connection	PVC unions, ø63 , glued		PVC unions, ø75 , glued		
Electric power supply	380-400V / 3N~ / 50Hz				
Nominal operating power (A)	13.4	17.1	24.2	31.5	43.7
Maximum operating power (A)	22.8	29.9	38.3	60.6	76.6
Recommended Power cable size*	5 x 4	5 x 6	5 x 10	5 x 16	5 x 25
Refrigerant fluid	R410A				
Refrigerant fluid quantity (kg)	6	7,5	9	18 (2x9)	22 (2x11)
Acoustic power	83		90		
Acoustic pressure at 10m (dB(A))**	52		58		

HEATING PERFORMANCE

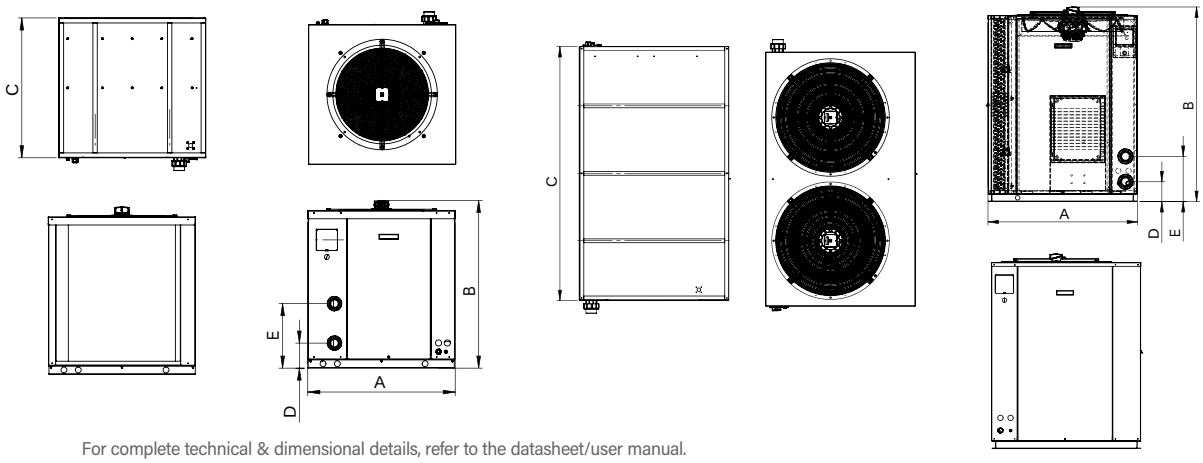
Model	Z950 35	Z950 45	Z950 60	Z950 90	Z950 120
AIR 28°C / WATER 28°C / HUMID. 80%					
Operating power (kW)	39,5	48	68	98	133
Consumed power (kW)	6,93	8,53	12,25	17,6	24,97
COP	5,7	5,6	5,5	5,6	5,3
AIR 15°C / WATER 26°C / HUMID. 70%					
Operating power (kW)	30	40	57	80	110
Consumed power (kW)	6,2	8,1	11,5	16,8	23,9
COP	4,9			4,8	4,6

*Cable not provided. Recommended section for a maximum length of 20 meters.
**According to EN60704-1:2010+A11:2012 standard

HEAT PUMPS

WEIGHT AND DIMENSIONS

Model	Z950 35	Z950 45	Z950 60	Z950 90	Z950 120
Weight (kg)	185	210	287	447	500
A	1008		1178		1213
B	1146		1192	1532	1652
C	956		1600	2000	2358
D	165				
E	441	359	489	356	489



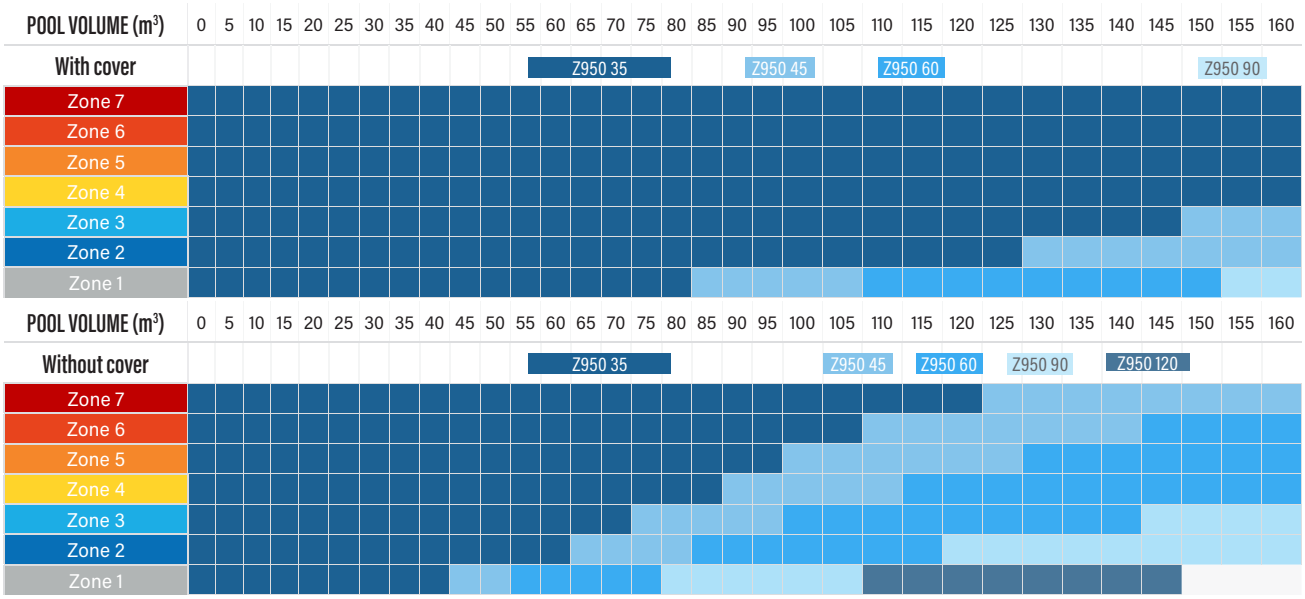
For complete technical & dimensional details, refer to the datasheet/user manual.

CLIMATE ZONES

PARAMETERS OF THE QUICK SELECTION GUIDE

This quick selection guide has been configured with the following parameters: private pool, for a use from beginning of may to end of september, average depth 1.5m, 14h filtration time, target pool water temperature 28°C.

This table is a sizing help tool. It is given for a private pool, from 15th May to 15th September, depth 1,5m, with a maximum temperature rise time of 4 days to heat the pool from 15°C to 28°C, 14h filtration time. Climatic zones details can be found in the introduction pages of the Heating chapter p. 311
To get a customized sizing, please consult BILPI configurator: https://pro.zodiac-poolcare.com/bilpi



HEAT PUMPS





PROHEAT II

ASTRALPOOL

- 0°C minimum outdoor air temperature.
- 2 models: Standard and Chiller.
- Digital display.
- Heating priority mode (filtration pump control).
- Robust, lightweight casing made from corrosion-resistant magnesium coated aluminium.
- Axial ventilator.
- Automatic cooling mode for chiller model.
- Automatic defrosting.
- HP & LP safety pressure switch.
- Water flow switch.
- G2 Titanium water exchanger condensers. Guaranteed against corrosion.
- Scroll compressor.
- Thermostatic expansion valve, with external balancing unit.
- High performance evaporator battery in an inner corrugated copper tube with lacquered aluminium fins, especially for corrosive environments.
- Control of purifying system.
- Automatic electrical protections.
- Can be supplied with power frequency at 60 Hz on request.

Fluidra Connect compatible

Web
Heat pump configurator:
www.astralpool.com ->
Calculation tools

Visit our Astralpool heat pump configurator

TECHNICAL FEATURES

Model		PROHEAT II 35	PROHEAT II 45	PROHEAT II 60	PROHEAT II 90	PROHEAT II 120
Reference	STANDARD	65542-MOB	65543-MOB	65544-MOB	65545-MOB	65546-MOB
	CHILLER	68245-MOB	68246-MOB	68247-MOB	68248-MOB	68249-MOB
Recommended water flow	m^3/h	12-15	15-25	25-35	30-50	50-70
Hydraulic connection	mm	63			75	
Electric power supply	V/Ph/Hz	400/3/50				
Refrigerant fluid		R-410A				
Refrigerant fluid quantity	Kg	4	6	9	2 x 6.5	2 x 9
Number of fans		1			2	
Sound level	dBA (d*)	66.2	66.2	72.5	71.1	71.1
	dBA (5m)	60.9	60.9	68.4	69.4	69.4
STANDARD						
Nominal operating power	A	13.75	17.1	25.1	33	45.4
Maximum operating power	A	23.4	29.8	39.8	63.6	79.6
Recommended Power cable size*		4	6	10	16	25
CHILLER						
Nominal operating power	A	13.14	17.1	24.2	31.5	43.7
Maximum operating power	A	23.4	29.8	39.8	63.6	79.6
Recommended Power cable size*		4	6	10	16	25

HEATING PERFORMANCE

Standard models		PROHEAT II 35	PROHEAT II 45	PROHEAT II 60	PROHEAT II 90	PROHEAT II 120
AIR 25°C / WATER 26°C						
Heating capacity	(kW)	36.2	44.4	63.5	91.3	125.5
Power consumption	(kW)	6.4	8.2	11.9	17.0	24.3
COP		5.7	5.4	5.3	5.4	5.2
AIR 15°C / WATER 26°C						
Heating capacity	(kW)	30.5	39.7	56.8	80.2	110.5
Power consumption	(kW)	6.2	8.1	11.5	16.8	23.9
COP		4.9	4.9	4.9	4.8	4.6
AIR 5°C / WATER 26°C						
Heating capacity	(kW)	23.2	30.0	41.3	61.0	80.1
Power consumption	(kW)	6.0	7.9	10.7	16.2	22.7
COP		3.9	3.8	3.9	3.8	3.5

COOLING PERFORMANCE

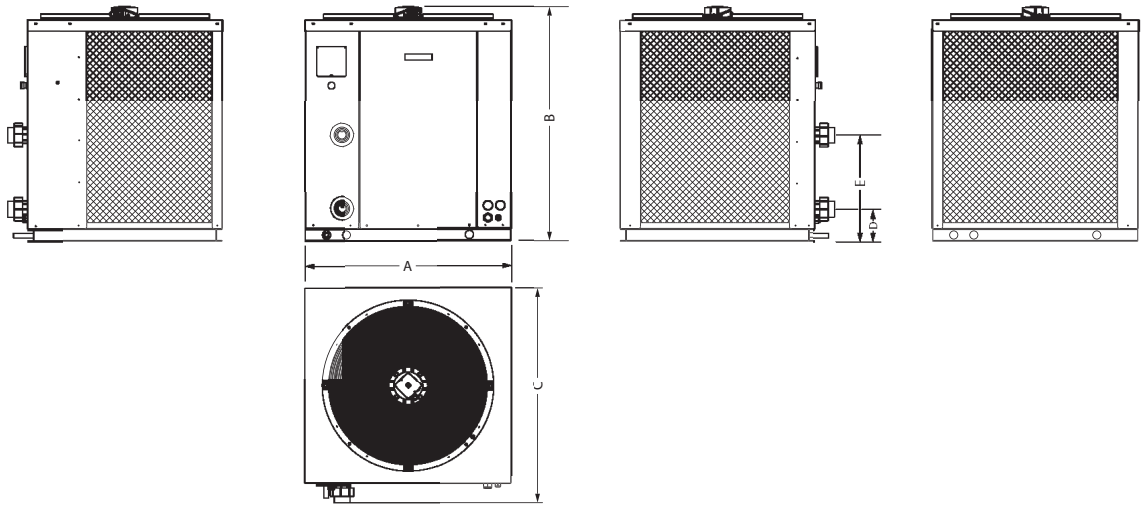
Chiller models		PROHEAT II 35	PROHEAT II 45	PROHEAT II 60	PROHEAT II 90	PROHEAT II 120
AIR 30°C / WATER 26°C						
Cooling capacity	(kW)	42.3	51.0	72.0	104.0	140.0
Power consumption	(kW)	7.0	8.4	12.0	17.3	24.4
EER		6.0	6.1	6.0	6.0	5.7
AIR 43°C / WATER 32°C						
Cooling capacity	(kW)	29.1	37.0	49.5	74.0	99.0
Power consumption	(kW)	9.4	11.9	15.6	24.5	31.2
EER		3.1	3.1	3.2	3.0	3.2

*Cable not provided. Recommended section for a maximum length of 20 meters.
NOTE: d* = As per UNE-EN 12102/ISO 3744:2010.

HEAT PUMPS

STANDARD AND CHILLER MODELS - WEIGHT AND DIMENSIONS

Model			PROHEAT II 35	PROHEAT II 45	PROHEAT II 60	PROHEAT II 90	PROHEAT II 120
Weight	kg		185	210	287	447	500
Dimensions 	mm	A	1000		1700	2100	2400
		B	950		1200		
		C	1140		1200	1500	1700



CLIMATE ZONES

This table is a sizing help tool. It is given for a private pool, from 15th May to 15th September, depth 1.5m, with a maximum temperature rise time of 4 days to heat the pool from 15°C to 28°C, 14h filtration time. Climatic zones details can be found in the introduction pages of the Heating chapter p. 311
To get a customized sizing, please consult the web configurators:
For professional use, visit our configurator on www.pro.fluidra.com
For public use, visit our simplified configurator on www.astralpool.com

Pool Volume (m^3)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
With cover	PROHEAT II 35																	PROHEAT II 45					PROHEAT II 60								PROHEAT II 90		
Zone 7																																	
Zone 6																																	
Zone 5																																	
Zone 4																																	
Zone 3																																	
Zone 2																																	
Zone 1																																	

Pool Volume (m^3)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
Without cover	PROHEAT II 35									PROHEAT II 45			PROHEAT II 60					PROHEAT II 90					PROHEAT II 120										
Zone 7																																	
Zone 6																																	
Zone 5																																	
Zone 4																																	
Zone 3																																	
Zone 2																																	
Zone 1																																	

HEAT PUMPS



Fluidra Connect compatible

Web
Heat pump configurator:
www.astralpool.com ->
Calculation tools

Visit our Astralpool heat pump configurator

PROHEAT II INDOOR

ASTRALPOOL

- 0°C minimum outdoor air temperature.
- Digital display, easy-to-use control panel, with display of current temperature, setpoint and alarm messages.
- Heating priority mode (filtration pump control).
- Robust, lightweight casing made from corrosion-resistant magnesium coated aluminium.
- Axial ventilator.
- Automatic cooling mode (chiller model).
- Automatic defrosting.
- HP & LP safety pressure switch.
- Water flow switch.
- G2 Titanium water exchanger condensers. Guaranteed against corrosion.
- Scroll compressor.
- Thermostatic expansion valve, with external balancing unit.
- High performance evaporator battery in an inner corrugated copper tube with lacquered aluminium fins, especially for corrosive environments.
- Control of purifying system.
- Automatic electrical protections.
- Centrifugal fans so the unit will be installed in a technical room, using air ducting.
- Can be supplied with power frequency at 60 Hz on request.

TECHNICAL FEATURES

Model		PROHEAT II IND-35	PROHEAT II IND-45	PROHEAT II IND-60	PROHEAT II IND-90	PROHEAT II IND-120
Reference		69649-M0B	69650-M0B	69651-M0B	69652-M0B	69653-M0B
Recommended water flow	m^3/h	12-15	15-25	25-35	30-50	50-70
Hydraulic connection	mm	63		75		
Electric power supply	V/Ph/Hz	400/3/50				
Nominal operating power	A	14.6	18.6	25.1	29.1	45.6
Maximum operating power	A	23.9	31.4	40.7	62.8	81.4
Recommended Power cable size*		4	6	10	16	25
Refrigerant FLUID		R-410A				
Refrigerant fluid quantity	Kg	6	9	12	2 x 7	2 x 9
Number of fans		1			2	
Sound level	dBA (d*)	59.2	59.6	60.0	61.1	61.5
	dBA (5m)	55.4	55.8	56.1	56.5	56.6

HEATING PERFORMANCE

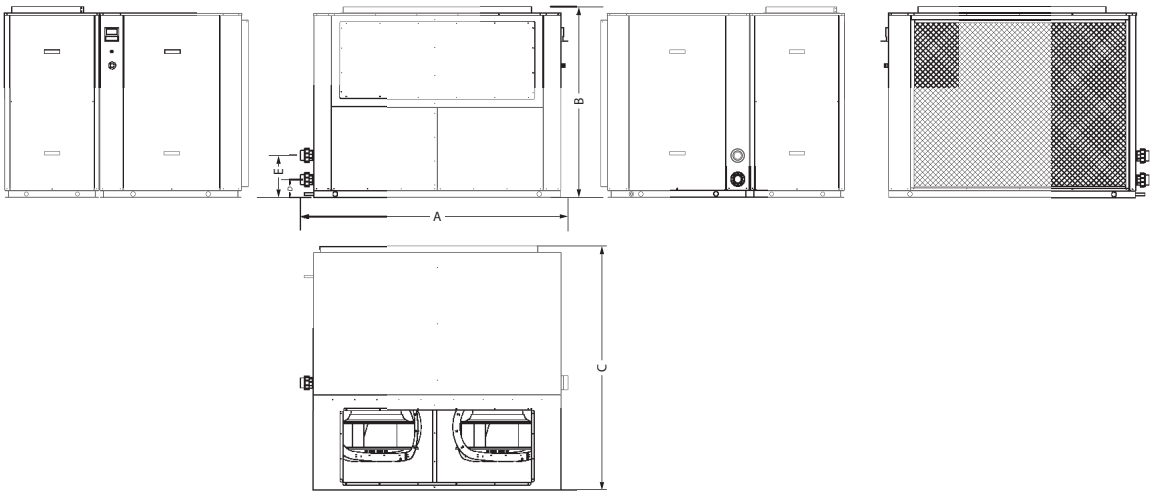
Model		PROHEAT II IND-35	PROHEAT II IND-45	PROHEAT II IND-60	PROHEAT II IND-90	PROHEAT II IND-120
AIR 25°C / WATER 26°C						
Heating capacity	(kW)	43.6	44.4	63.5	91.3	125.5
Power consumption	(kW)	6.7	9.4	11.8	18.7	23.6
COP		6.5	6.0	6.0	6.0	6.0
AIR 15°C / WATER 26°C						
Heating capacity	(kW)	34.9	45.0	57.5	90.1	114.9
Power consumption	(kW)	6.4	8.6	11.0	17.1	22.1
COP		5.4	5.3	5.2	5.3	5.2
AIR 5°C / WATER 26°C						
Heating capacity	(kW)	27.4	35.2	45.2	70.5	90.3
Power consumption	(kW)	6.5	8.5	11.2	16.9	22.3
COP		4.2	4.2	4.1	4.2	4.1

*Cable not provided. Recommended section for a maximum length of 20 meters.
NOTE: d* = As per UNE-EN 12102/ISO 3744:2010.

HEAT PUMPS

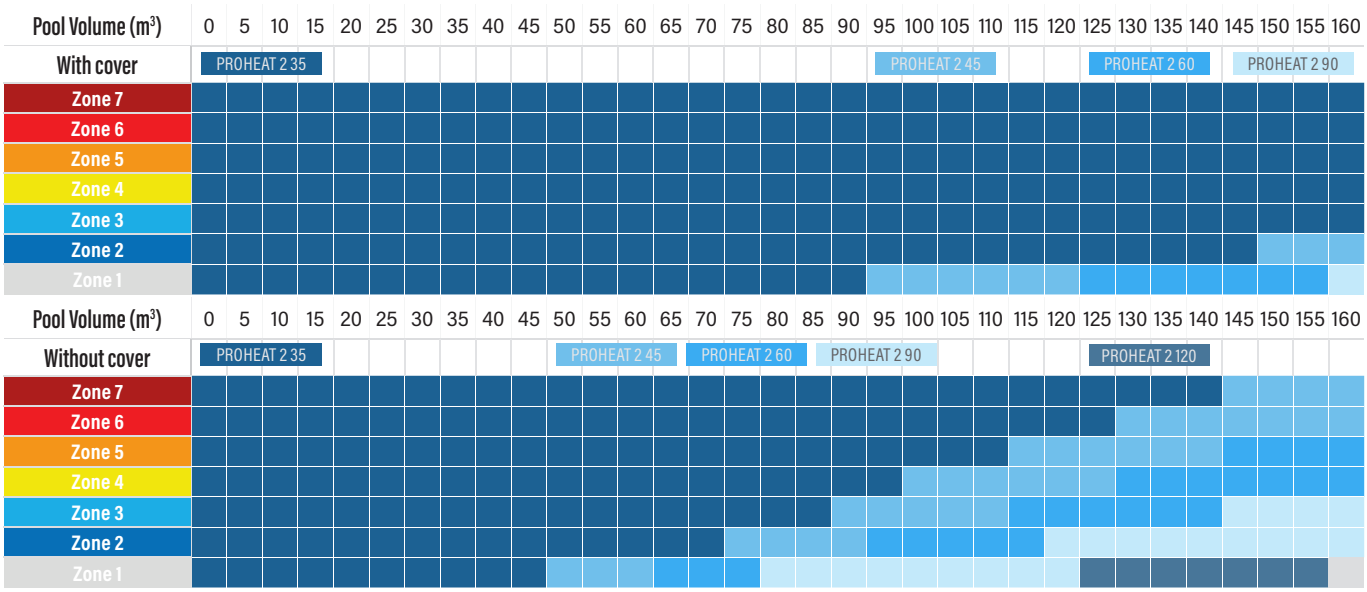
STANDARD AND CHILLER MODELS - WEIGHT AND DIMENSIONS

Model			PROHEAT II IND-35	PROHEAT II IND-45	PROHEAT II IND-60	PROHEAT II IND-90	PROHEAT II IND-120
Weight	kg		315	391	437	648	757
Dimensions 	mm	A	1610	1910		1922+50	2400-100
		B	1160+100	1197+100		2110+100	2024+50
		C	1347+50	1497+50		1590+50	1670+50



CLIMATE ZONES

This table is a sizing help tool. It is given for a private pool, from 15th May to 15th September, depth 1.5m, with a maximum temperature rise time of 4 days to heat the pool from 15°C to 28°C, 14h filtration time. Climatic zones details can be found in the introduction pages of the Heating chapter p. 311
To get a customized sizing, please consult the web configurators:
For professional use, visit our configurator on www.pro.fluidra.com
For public use, visit our simplified configurator on www.astralpool.com



WATER TO WATER CHILLER

ALASKA - SIBERIA



ALASKA



SIBERIA

- +5°C minimum outdoor air temperature.
- 2 compact models: For outdoor (Alaska) or indoor (Siberia) installation.
- Digital display.
- Heating priority (filtration pump control).
- Made of non-corrosive magnesium coated aluminium.
- Helicoidal ventilators with direct coupling motor for the Alaska model, centrifugal for the Siberia model.
- Defrosting thermostat in evaporator for enhanced performance.
- HP & LP safety pressure switch.
- Water flow switch.
- Condensor made of copper pipe with coated aluminium fins (special for corrosive environments).
- Scroll compressor with carter resistance and deoxidized copper.
- Thermostatic expansion valve.
- Titanium evaporator with PVC shell and in G2 titanium coil according to ASTM B 338.99 standard. Guaranteed against corrosion.
- Anti-acid dehydrating filter.

TECHNICAL FEATURES

Model		ALASKA-4	ALASKA-6	ALASKA-8	ALASKA-10	ALASKA-15	ALASKA-17
Reference		32535-MOB	32536-MOB	32537-MOB	32538-MOB	32540-MOB	32541-MOB
Model		**SIBERIA-4**	**SIBERIA-6**	**SIBERIA-8**	**SIBERIA-10**	**SIBERIA-15**	**SIBERIA-17**
Reference		33301-MOB	33302-MOB	33303-MOB	33304-MOB	33306-MOB	33307-MOB
Recommended pool volumne	m^3	5-9	7-14	10-20	13-26	18-36	25-50
Recommended water flow	m^3/h	6-10	6-10	7-12	7-12	10-15	10-15
Hydraulic connection	mm	50					
Air flow	m^3/h	3800	4900	5500	9800	11000	
Electric power supply	V/Ph/Hz	230/1/50		400/3/50			
Maximum operating power	A	16	22.4	11.8	11.2	16.28	20.68
Recommended Power cable size*	mm^2	4	6	2,5	2,5	4	4
Refrigerant FLUID		R-407C					
Refrigerant fluid quantity	Kg	2	4.3	4.8	5.5	6.3	6.6
Number of fans		1				2	
Acoustic power	dBA	70	70	70	70	70	70
Acoustic pressure at 5m (dB(A))**	dBA	115	115	185	190	205	240

COOLING PERFORMANCE

Alaska		ALASKA-4	ALASKA-6	ALASKA-8	ALASKA-10	ALASKA-15	ALASKA-17
AIR 27°C / WATER 12°C							
Cooling capacity	(kW)	4.4	5.7	8.9	10.7	16.6	22.7
Power consumption	(kW)	1.3	2.0	2.8	3.6	5.0	6.6
EER		3.3	2.9	3.1	3.0	3.4	3.5
Siberia		**SIBERIA-4**	**SIBERIA-6**	**SIBERIA-8**	**SIBERIA-10**	**SIBERIA-15**	**SIBERIA-17**
AIR 27°C / WATER 12°C							
Cooling capacity	(kW)	4.4	5.7	8.9	10.7	16.6	22.7
Power consumption	(kW)	1.8	2.3	3.2	4.5	7.7	9.3
EER		2.4	2.5	2.8	2.4	2.2	2.5

Maximum air temperature 40°C, minimum water temperature 10°C. Maximum water pressure 3.5 bar.

WEIGHT AND DIMENSIONS

Alaska				ALASKA-4	ALASKA-6	ALASKA-8	ALASKA-10	ALASKA-15	ALASKA-17
Weight	kg			80	92	102	133	167	197
Dimensions	mm	A		1311 (+80)		1411 (+80)	1372 (+80)	1728 (+80)	
		B		512	540	556	650	708	
		C		746		846	890	866	
Siberia				**SIBERIA-4**	**SIBERIA-6**	**SIBERIA-8**	**SIBERIA-10**	**SIBERIA-15**	**SIBERIA-17**
Weight	kg			97	112	120	188	219	224
Dimensions	mm	A		1311 (+80)		1411 (+80)	1372 (+80)	1728 (+80)	
		B		550+50	700+50		655+50	655+50	
		C		746		846	890	866	

*Cable not provided. Recommended section for a maximum length of 20 meters.

HEATING & COOLING

WATER TO WATER CHILLER

BERING CHILLER



Fluidra Connect compatible

R407C

- The ASTRALPOOL models BERING CHILLER are used for cooling the pool, cold water sinks.
- 8 °C minimum evaporator inlet temperature.
- 40 °C maximum evaporator inlet temperature.
- Robust and lightweight designed for installation in outdoor areas.
- Digital display.
- Cooling priority (filtration pump control).
- Made of non-corrosive magnesium coated aluminum.
- Scroll compressor with carter resistor.
- Water evaporator and condenser made in PVC and Titanium.
- HP & LP safety pressure switch.
- Thermostatic expansion valve with external balancing unit.
- Hydraulic circuit with flow switch on the water inlet made of high molecular weight PVC pipe, good elasticity and remarkable resistance to stress cracking.
- Anti-acid dehydrating filter.
- Can be supplied with power frequency at 60 Hz on request.

TECHNICAL FEATURES

Model		BERING-CHILLER 4	BERING-CHILLER 6	BERING-CHILLER 8	BERING-CHILLER 10	BERING-CHILLER 15	BERING-CHILLER 17
Reference		66306	66307	66308	66309	66311	66312
Recommended water flow	m^3/h	6 - 10	6 - 10	7 - 12	7 - 12	10 - 15	10 - 15
Hydraulic connection	mm	50					
Electric power supply	V/Ph/Hz	230/2/50	230/2/50	400/3/50	400/3/50	400/3/50	400/3/50
Maximum operating power	A	11,4	14,8	7,7	7,7	12,3	16,7
Recommended Power cable size*	mm^2	2,5	4	2,5	2,5	2,5	4
Refrigerant FLUID		R407C					
Refrigerant fluid quantity	Kg	2	4,3	4,8	5,5	6,3	6,6
HEAD LOSS	bar	0,1	0,1	0,1	0,3	0,3	0,3
Acoustic power	dBA	70,0	70,0	70,0	70,0	70,0	70,0
Acoustic pressure at 5m (dB(A))**	dBA	115,0	115,0	185,0	190,0	205,0	240,0

COOLING PERFORMANCE

Model		BERING 4	BERING 6	BERING 8	BERING 10	BERING 15	BERING 17
AIR 27°C / WATER 12°C							
Cooling capacity	(kW)	4,43	5,72	8,88	10,73	16,60	22,71
Power consumption	(kW)	1,34	2,01	2,84	3,55	4,95	6,57
EER		3,32	2,85	3,13	3,02	3,35	3,46

WEIGHT AND DIMENSIONS

Model		BERING 4	BERING 6	BERING 8	BERING 10	BERING 15	BERING 17
Weight	Kg	100	110	120	190	220	225
Dimensions (mm)	A	1311 (+80)	1311 (+80)	1311 (+80)	1411 (+80)	1750 (+80)	1750 (+80)
	B	550	700	700	700	800	800
	C	750	750	850	900	900	900

NOTES:

*d = As per UNE-EN 12102/ISO 3744:2010.
*Cable not provided. Recommended section for a maximum length of 20 meters.

ELECTRIC HEATERS



RE/I

ZODIAC®

+ Full digital regulation
+ 2-stage power management
+ Maximum robustness

- Control box with precision thermostat ±0.5°C
- Digital display and timer
- Positive safety high temperature limiters
- Watertightness of electrical resistances with an EPDM collar
- HYPALON electric connection
- Flow switch
- Power contactors
- Luminous control switches
- U format allowing an easy assembly and water retention
- Factory installed power modulation (2 manual stages)
- Three-phase wiring 400V-50/60Hz only

2 YEAR WARRANTY

EASY INSTALLATION

SERVICES +

Ti 22 TITANE INSIDE

MADE IN FRANCE

PRODUCT REFERENCES

Model	RE/I 30T	RE/I 36T	RE/I 42T	RE/I 48T	RE/I 60T	RE/I 84T	RE/I 96T	RE/I 120T
Standard Model	W40TIT30	W40TIT36	W40TIT42	W40TIT48	W40TIT60	W40TIT84	W40TIT96	W40TIT120

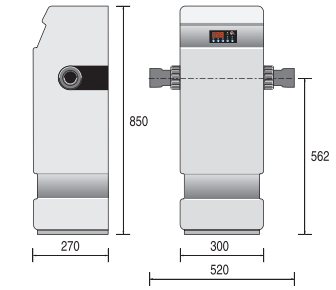
HEATING PERFORMANCE & TECHNICAL FEATURES

Model	RE/I 30T	RE/I 36T	RE/I 42T	RE/I 48T	RE/I 60T	RE/I 84T	RE/I 96T	RE/I 120T
Voltage	400 V / 3N / 50 Hz							
Operating power (kW)*	12+18	12+24	18+24	24+24	24+36	36+48	48+48	60+60
Abosrbed intensity (A)**	44	52	61	70	87	122	139	174
Water flow (m^3/h)	20 to 30				30 to 50			
Hydraulic connection	PVC half-unions, ø 63, glued				2 flanges, DN 80, with glued PVC fitting, Ø 90			

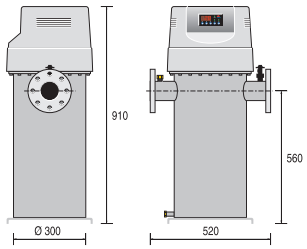
* Tolerance operating voltage +6 -10%. Grid power supply. ** Manufacturing tolerance of + or -5%.

WEIGHT AND DIMENSIONS

Model	RE/I 30T	RE/I 36T	RE/I 42T	RE/I 48T
Weight (kg)	30	30	33	33
Model	**RE/I 60T**	**RE/I 84T**	**RE/I 96T**	**RE/I 120T**
Weight (kg)	49	51	53	58



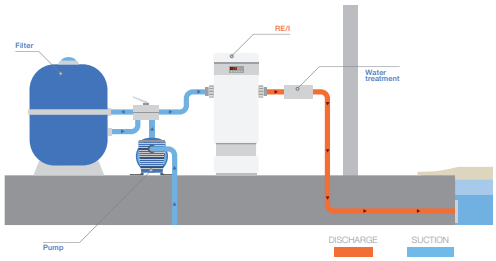
RE/I medium power (RE/I 30 to 48)



RE/I high power (RE/I 60 to 120)

INSTALLATION

- In-line hydraulic connection with two PVC unions, Ø63 (RE/I 30 à 48), or two flanges, DN80 (RE/I 60 à 120).
- Supports any flow direction: just turn the flow switch and reverse the control and safety sensors.
- Plan on installing a by-pass if the filter pump flow is greater than 50m^3



ELECTRIC HEATERS



COMMERCIAL ELECTRICHEAT (incoloy version)

ASTRALPOOL

Commercial electricheat is suitable to heat the water temperature from small to large collective pools.

- Positive safety high temperature limiter (60°C).
- Digital display.
- Flow switch.
- Power contactors.
- Temperature control thermostat from 0 to 40°C.
- Precision thermostat: 0.1°C.

TECHNICAL FEATURES

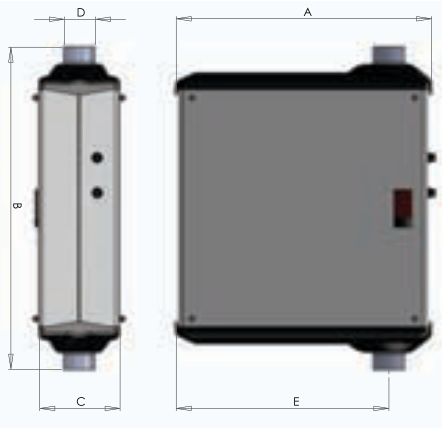
Model		Electric heat 24	Electric heat 30	Electric heat 36	Electric heat 42	Electric heat 48	Electric heat 54	Electric heat 60	Electric heat 72	Electric heat 84	Electric heat 96	Electric heat 108
Reference		51845	51846	51847	44741	44742	44743	44744	44745	44746	44747	44748
Power 90°C	kW	24	30	36	42	48	54	60	72	84	96	108
Electrical supply	V/Ph/Hz	400V/50Hz/3Ph										
Min. water flow rate	m^3/h	15										
Max. water flow rate	m^3/h	30										
Service pressure		2										
Max. pressure	Kg	3										
Hydraulic water connection	dB (A)	50								65		
Max. absorved intensity	Units	36	45	54	65	74	82	91	109	127	146	165

Consult your service engineer about the right selection of unit depending on your installation.

ELECTRIC HEATERS

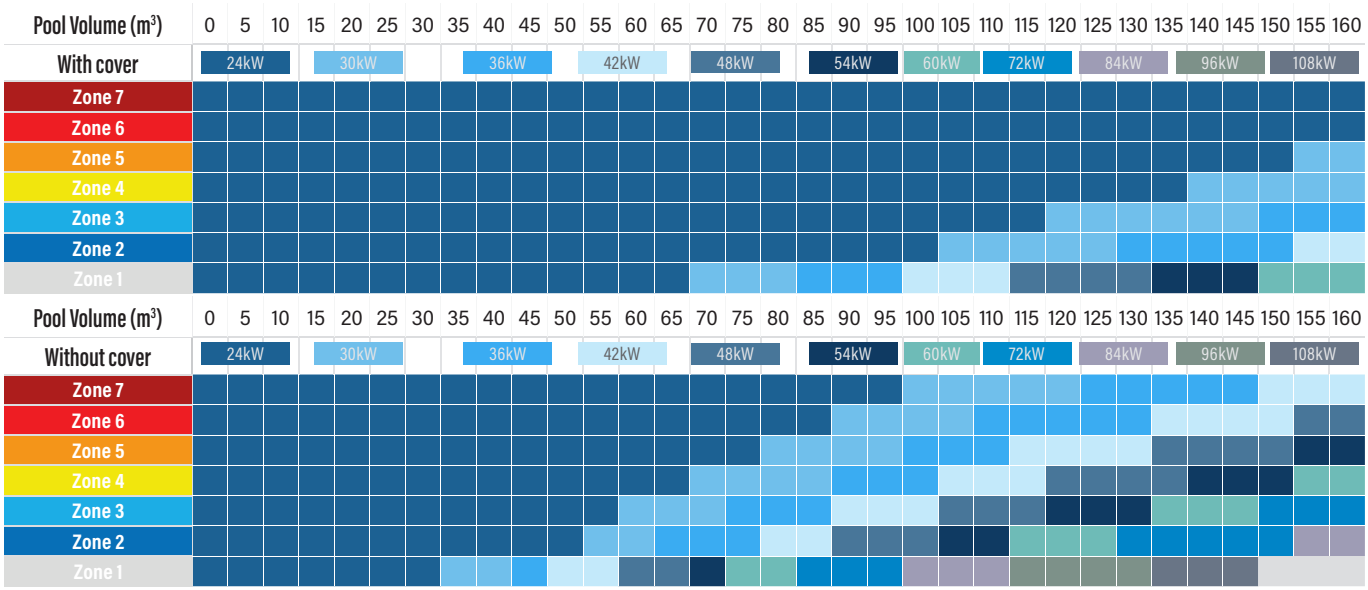
DIMENSIONS AND WEIGHT

Model		Electric heat 24	Electric heat 30	Electric heat 36	Electric heat 42	Electric heat 48	Electric heat 54	Electric heat 60	Electric heat 72	Electric heat 84	Electric heat 96	Electric heat 108
Dimensions	A (mm)	510										
	B (mm)	640									915	
	C (mm)	160										
	D (mm)	2"									2 ½"	
	E (mm)	435										
Gross weight	kg	24	26	28	32	34	36	38	44	46	48	50
Net weight	kg	18	20	22	26	28	30	32	36	38	40	42



CLIMATE ZONES

This table is a sizing help tool. It is given for a private pool, from 15th May to 15th September, depth 1.5m, with a maximum temperature rise time of 4 days to heat the pool from 15°C to 28°C, 14h filtration time. Climatic zones details can be found in the introduction pages of the Heating chapter p. 311
To get a customized sizing, please consult the web configurators:
For professional use, visit our configurator on www.pro.fluidra.com
For public use, visit our simplified configurator on www.astralpool.com



HEAT EXCHANGERS





WATERHEAT EVO

ASTRALPOOL

Heat exchanger suitable for warming the water temperature of pools and SPAS, thanks to the heat exchange between the primary circuit (warm area) and a secondary one (cold area that we want to warm).

- Titanium housing (secondary, pool water).
- Titanium coil (primary, water for boiler).
- Primary working pressure of 10 bar.
- Secondary working pressure of 3 bar.

PRODUCT REFERENCES

Model	TIT-20 kW	TIT-40 kW	TIT-60 kW	TIT-105 kW	TIT-140 kW	TIT-210 kW	TIT-300 kW	TIT-450 kW
Reference	71607	71608	71609	71610	71611	71612	71613	71614

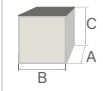
TECHNICAL FEATURES

Model		TIT-20 kW	TIT-40 kW	TIT-60 kW	TIT-105 kW	TIT-140 kW	TIT-210 kW	TIT-300 kW	TIT-450 kW
Power	90°C	20	40	60	105	140	210	300	450
	60°C	10	20	30	40	60	80	120	210
	45°C	5	10	15	20	3	40	60	100

HEATING PERFORMANCE

Model		TIT-20 kW	TIT-40 kW	TIT-60 kW	TIT-105 kW	TIT-140 kW	TIT-210 kW	TIT-300 kW	TIT-450 kW
Heater	m^3/h	1.6	2.7	3.1	6.6	7.0	10.0	11.0	16.0
Heater load loss	bar	0.006	0.024	0.040	0.030	0.040	0.122	0.214	0.470
Heater connection	Inch	G ¾"			G 1 ½"				
Pool volume	m^3/h	11	15	20	23	20	25	20	21
Pool head loss	bar	0.119	0.192	0.418	0.293	0.316	0.633	0.596	0.860
Pool connection	Inch	G 1"	G 1 1/2"						

DIMENSIONS AND WEIGHT

Model			TIT-20 kW	TIT-40 kW	TIT-60 kW	TIT-105 kW	TIT-140 kW	TIT-210 kW	TIT-300 kW	TIT-450 kW
Dimensions		A (mm)	122			140				
		B (mm)	75	175	225	170	270	420	670	920
		C (mm)	290	390	440	357	457	607	857	1107
		ØDz	80			102				
Weight		kg	1.2	1.7	1.9	2.2	2.7	3.8	5.3	6.8

Consult your service engineer about the right selection of unit depending on your installation.
Figures for power settings calculated for pool water at 20°C.

Diagram of assembly below the water level:

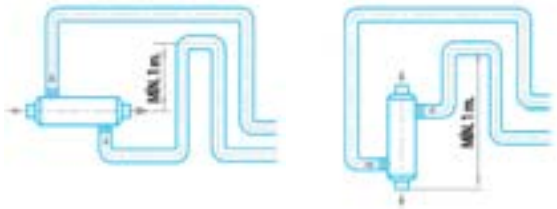
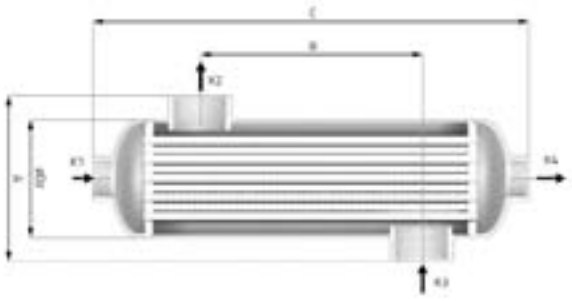


Diagram of assembly below the water level:





HEAT EXCHANGERS

ETNA

ASTRALPOOL

- Corrugated plates in AISI-316 or titanium.
- EPDM gaskets.
- Housing in epoxy painted carbon steel.
- In non-equipped heat exchangers, AISI-316 stainless steel connections in ISO G2 direct thread.
- In equipped heat exchangers, primary connections in copper, and secondary in PVC.
- In equipped heat exchangers, full regulation, with control of the filtering pump. Double display (setpoint and current reading).
- Simple recirculating pump in the primary circuit is optional.



Basic model



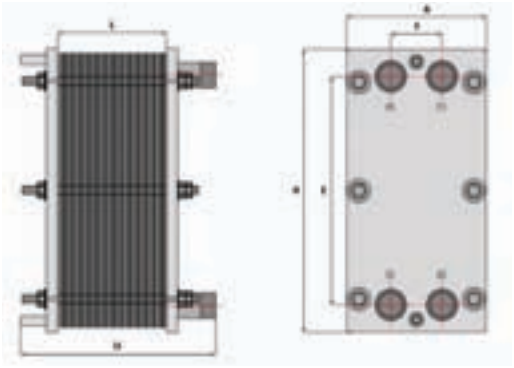
Equipped model



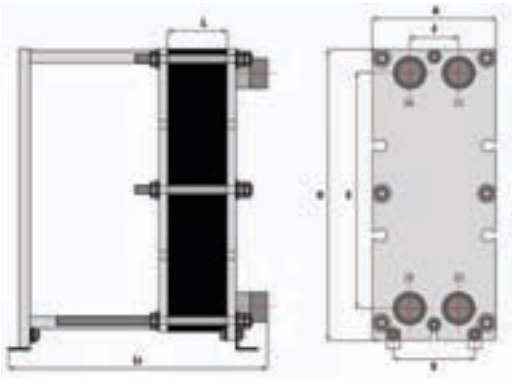
Equipped model + recirculating pump

1 – Primary, inlet.
2 – Primary, outlet.
3 – Secondary, inlet.
4 – Secondary, outlet.

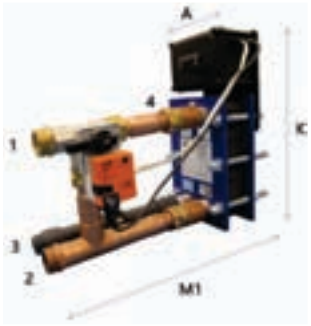
ETNA 15 - ETNA 200



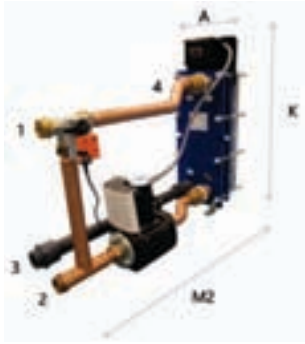
ETNA 250 - ETNA 580



ETNA EQUIPPED



ETNA EQUIPPED + PUMP



PRODUCT REFERENCES

Model	AISI-316 codes			Titanium codes		
	Basic model	Equipped model	Model Eq+B(1)	Basic model	Equipped model	Model Eq+B(1)
	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
ETNA-15	67985	68230	68021	67994	68012	68030
ETNA-35	68223	68004	68022	67995	68013	68031
ETNA-50	68224	68005	68023	67996	68014	68032
ETNA-60	68225	68006	68024	67997	68015	68033
ETNA-90	67989	68007	68025	67998	68016	68034
ETNA-120	67990	68008	68026	68226	68017	68035
ETNA-150	67991	68009	68027	68227	68018	68036
ETNA-180	67992	68010	68028	68228	68019	68037
ETNA-200	67993	68011	68029	68229	68020	68038
ETNA-250	32550	32563	32576	33137	33155	33173
ETNA-300	32552	32565	32578	33139	33157	33175
ETNA-350	32553	32566	32579	33140	33158	33176
ETNA-400	33114	33119	33124	33141	33159	33177
ETNA-460	33115	33120	33125	69796	33160	33178
ETNA-500	32554	32567	32580	69797	33161	33179
ETNA-580	33116	33121	33126	69798	33162	33180

(1) Eq + B: Equipped model + recirculating pump.

HEAT EXCHANGERS

TECHNICAL FEATURES

Model	Code		Power		Num. Plates	Primary circuit			Secondary circuit			Dimensions (mm)					
	AISI-316	Titanium	KW	(kcal/h)		Flow rate (m^3/h)	Head loss (bar)	Connections	Flow rate (m^3/h)	Head loss (bar)	Connections	H	A	E	F	Lt	L
ETNA-15	67985	67994	17	15,000	5	0.75	0.3	1 1/4"	0.74	0.3	1 1/4"	320	200	235	69	220	16.5
ETNA-35	68223	67995	40	35,000	7	1.55	0.3	1 1/4"	1.52	0.3	1 1/4"	320	200	241	69	220	23.1
ETNA-50	68224	67996	58	50,000	9	2.56	0.3	1 1/4"	2.51	0.3	1 1/4"	320	200	235	69	220	29.7
ETNA-60	68225	67997	70	60,000	11	3.09	0.3	1 1/4"	3.03	0.3	1 1/4"	320	200	235	69	220	36.3
ETNA-90	67989	67998	105	90,000	15	4.64	0.3	1 1/4"	4.55	0.3	1 1/4"	320	200	235	69	220	49.5
ETNA-120	67990	68226	140	120,000	19	6.19	0.3	1 1/4"	6.07	0.3	1 1/4"	320	200	235	69	220	62.7
ETNA-150	67991	68227	174.4	150,000	23	7.71	0.3	1 1/4"	7.56	0.3	1 1/4"	320	200	235	69	220	75.9
ETNA-180	67992	68228	209	180,000	29	9.23	0.3	1 1/4"	9.06	0.3	1 1/4"	320	200	235	69	220	95.7
ETNA-200	67993	68229	233	200,000	31	10.3	0.3	1 1/4"	10.1	0.3	1 1/4"	320	200	235	69	220	102.3
ETNA-250	32550	33137	291	250,000	15	12.86	0.3	2 1/2"	12.61	0.3	2 1/2"	745	310	603	124	630	49.5
ETNA-300	32552	33139	349	300,000	17	15.42	0.3	2 1/2"	15.13	0.3	2 1/2"	745	310	603	124	630	56.1
ETNA-350	32553	33140	407	350,000	21	17.98	0.3	2 1/2"	17.64	0.3	2 1/2"	745	310	603	124	630	69.3
ETNA-400	33114	33141	465	400,000	23	20.55	0.3	2 1/2"	20.13	0.3	2 1/2"	745	310	603	124	630	75.9
ETNA-460	33115	69796	535	460,000	27	23.64	0.3	2 1/2"	23.19	0.3	2 1/2"	745	310	603	124	630	89.1
ETNA-500	32554	69797	581	500,000	29	25.67	0.3	2 1/2"	25.18	0.3	2 1/2"	745	310	603	124	630	95.7
ETNA-580	33116	69798	675	580,000	33	29.83	0.3	2 1/2"	29.26	0.3	2 1/2"	745	310	603	124	630	108.9

TECHNICAL FEATURES

Model	Code		Code		Power		Num. Plates	Dimensions (mm)				Weight
	AISI-316	Titanium	AISI-316	Titanium	KW	(kcal/h)		A	M1	M2	K	kg
ETNA-15	68230	68012	68021	68030	17	15.000	5	200	659	1148	470	38 + 4,5
ETNA-35	68004	68013	68022	68031	40	35.000	7	200	659	1148	470	38 + 4,5
ETNA-50	68005	68014	68023	68032	58	50.000	9	200	659	1148	470	39 + 9
ETNA-60	68006	68015	68024	68033	70	60.000	11	200	659	1148	470	39 + 9
ETNA-90	68007	68016	68025	68034	105	90.000	15	200	659	1148	470	40 + 9
ETNA-120	68008	68017	68026	68035	140	120.000	19	200	659	1148	470	41 + 15
ETNA-150	68009	68018	68027	68036	174,4	150.000	23	200	659	1148	470	42 + 15
ETNA-180	68010	68019	68028	68037	209	180.000	29	200	659	1148	470	43 + 15
ETNA-200	68011	68020	68029	68038	233	200.000	31	200	659	1148	470	44 + 15
ETNA-250	32563	33155	32576	33173	291	250.000	15	310	1070	1558	905	128 + 17
ETNA-300	32565	33157	32578	33175	349	300.000	17	310	1070	1558	905	129 + 17
ETNA-350	32566	33158	32579	33176	407	350.000	21	310	1070	1558	905	133 + 20
ETNA-400	33119	33159	33124	33177	465	400.000	23	310	1070	1558	905	134 + 20
ETNA-460	33120	33160	33125	33178	535	460.000	27	310	1070	1558	905	138 + 22
ETNA-500	32567	33161	32580	33179	581	500.000	29	310	1070	1558	905	139 + 22
ETNA-580	33121	33162	33126	33180	675	580.000	33	310	1070	1558	905	143 + 24

HEAT EXCHANGERS



Uranus PLUS



Uranus Unequipped

URANUS Unequipped and Plus

ZODIAC®

+ Compatible with all types of home heating systems (Heat Pump, Boiler, Geothermal, Solar)
+ High heat exchange
+ Digital regulation

- Appliance completely assembled and wired
- High performance plate exchanger TITANIUM plates
- PRIMARY with adjustable accelerator 2 1/4 turn valves, 1 valve - male thread. Ø 26/34 with Ø 20/22 soldering cartridges
- SECONDARY - PVC Ø 50
- Digital display thermostat
- Flow switch
- Mono 230 V wiring from a mains outlet
- Purge or emptying cap

2 YEAR WARRANTY

EASY INSTALLATION

SERVICES +

Ti 22 TITANE INSIDE

MADE IN FRANCE

PRODUCT REFERENCES

Model	URANUS 35	URANUS 70	URANUS 120	URANUS 240
Unequipped	WJ000001	WJ000003	WJ000005	WJ000007
Plus	WJ000002	WJ000004	WJ000006	WJ000008

TECHNICAL FEATURES

Model		URANUS 35	URANUS 70	URANUS 120	URANUS 240
Max. pressure (pool circuit)		3 bar / 2 bar			
Max. permitted temperature		90 °C / 40°C			
Connections	PRIMARY Heating (Unequipped model)	Ø20/22			Ø26/28
	SECONDARY Pool	PVC Ø50			
Flow (M^3/H)	PRIMARY Heating	1,6	2,1	2,8	6,3
	SECONDARY Pool	2	2,9	4,3	8,7
Load Loss (MMCE)	PRIMARY Heating	1500	1200	1000	2000
	SECONDARY Pool	2400	2300	2500	3800

HEATING PERFORMANCE

Model	URANUS 35	URANUS 70	URANUS 120	URANUS 240
Power with primary at 90°C (kW)	55	80	120	240
Power with primary at 60°C (kW)	27	38	63	123
Power with primary at 45°C (kW)	15	21	34	68

HEAT EXCHANGERS

DIMENSIONS (MM) AND WEIGHT

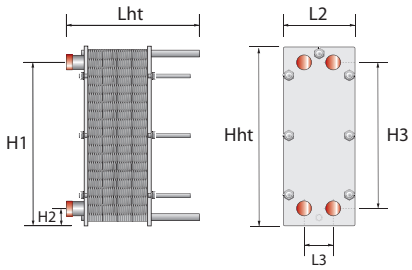
Model	URANUS 35	URANUS 70	URANUS 120	URANUS 240
Unequipped	14 kg	15 kg	17 kg	31 kg
Plus	29 kg	30 kg	31 kg	50 kg

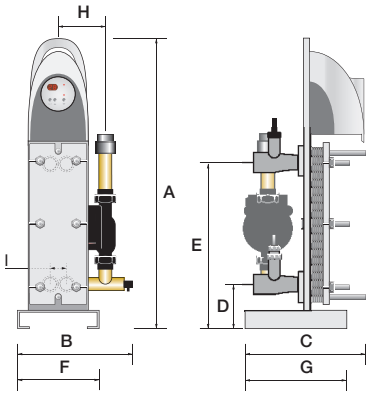
DIMENSIONS (MM) UNEQUIPPED MODEL

Model	URANUS 35-70-120	URANUS 240
Lht	255	407
L2	140	200
L3	50	60
Hht	380	500
H1	339	429
H2	41	75
H3	298	357

DIMENSIONS (MM) PLUS MODEL

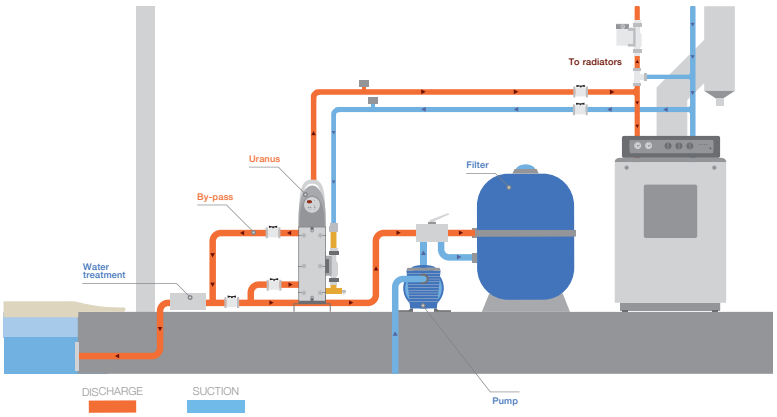
Model	URANUS 35-70-120	URANUS 240
A	758	840
B	334	347
C	415	480
D	116	137
E	414	494
F	250	250
G	200	450
H	127	148
I	50	60

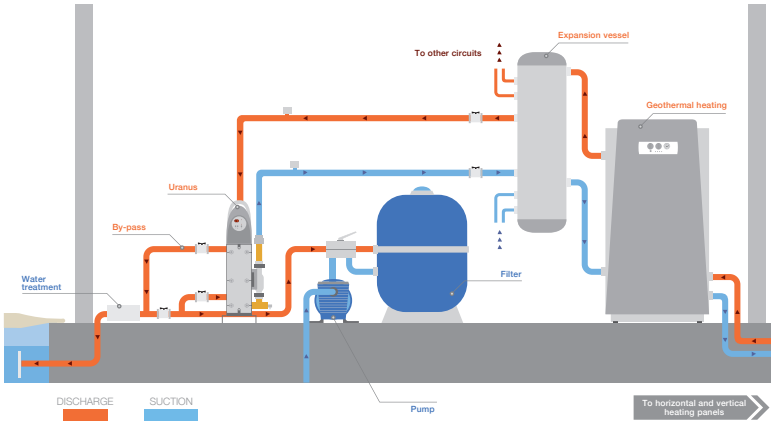




INSTALLATION

- In the technical facility nearby the boiler at the filtering system output (plan a by-pass).
- Single-phase electric power supply 230V
- In special cases: exchanger supplied from a geothermal or heat pump.
- The exchanger must be sized taking into account the heating needs of the pool, the specifications of the exchangers with primary at 45°C or 60°C (see specifications table) and the power of the geothermal. For correct operation of the geothermal we recommend installing a buffer tank as shown in the diagram below.







COMPETITION MATERIALS

364 COMPETITION POOL SYSTEMS
364 Movable BULKHEAD
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375 LANE ROPE STORAGE EQUIPMENT
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378 SIGNAGE
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379 TURNING PANELS
379 Turning panels
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380 ATTACHMENTS FOR COMPETITION EQUIPMENT
380 Horizontal flange anchoring sockets
380 Angled flange anchoring socket
381 Anchoring socket with locking bolts

381 WATER POLO GOAL
381 Water polo goal

COMPETITION POOL SYSTEMS

The movable bulkhead, Wall and floor technology developed by Fluidra multiplies a pool's possibilities, as it divides it into different spaces and makes different sizes, depths and possible uses. This increases the profitability of the available space and saves on the construction costs involved in building different aquatic facilities.

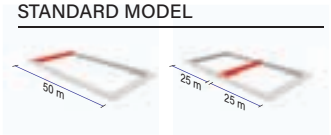


MOVABLE BULKHEAD

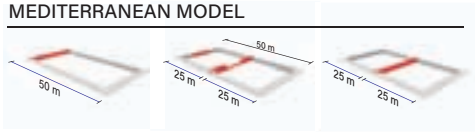
SR Smith · ASTRALPOOL · NEW 2023

A **Movable Bulkhead** is a vertical underwater structure able to move lengthwise across a pool floor to form a physical barrier, to make the most of the space in a pool as it divides it into areas for different uses.

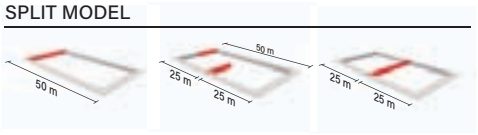
STANDARD MODEL



MEDITERRANEAN MODEL



SPLIT MODEL





Benefits:
Easily integrable solution
Fina Compliant
Quick installation
Added value for businesses
Easy to use
Durable
Low maintenance

MOVABLE WALL

SR Smith · NEW 2023

The **Movable Wall** is install at a fixed point on the pool floor where the pool is divided into two parts. In rest position, when the wall is not in use, the wall is completely flat in a recess on the pool floor. In a newly built swimming pool, the wall are integrated in a structural recess, so that the wall is not visible in its resting position.



Benefits:
Easily integrable solution
Quick installation
Added value for businesses
Easy to use
Durable
Low maintenance

MOVABLE FLOOR

ASTRALPOOL · NEW 2023

A **Movable Pool Floor** makes possible the use of a single swimming pool to stage several activities at the same time that require various depths of water. The system is based on a mobile platform submerged in the water that changes the height of the pool shell, which enables a number of areas of varying depths to be created according to needs. In addition, the movable pool floor can be used to partially or totally cover a pool, which means greater energy savings and safety.



Benefits:
Easily integrable solution
Quick installation
Added value for businesses
Easy to use
Durable
Hygienic
Reliable
Low maintenance

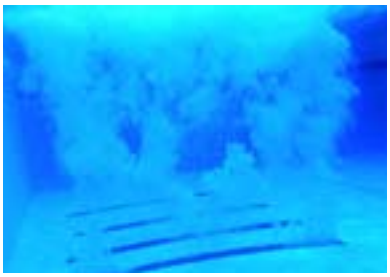
COMPETITION POOL SYSTEMS

SPARGER - Safety on diving boards

When diving off a diving board, the undisturbed water forms a fairly resistant surface, which if combined with a bad descent can result in serious injury on impact.

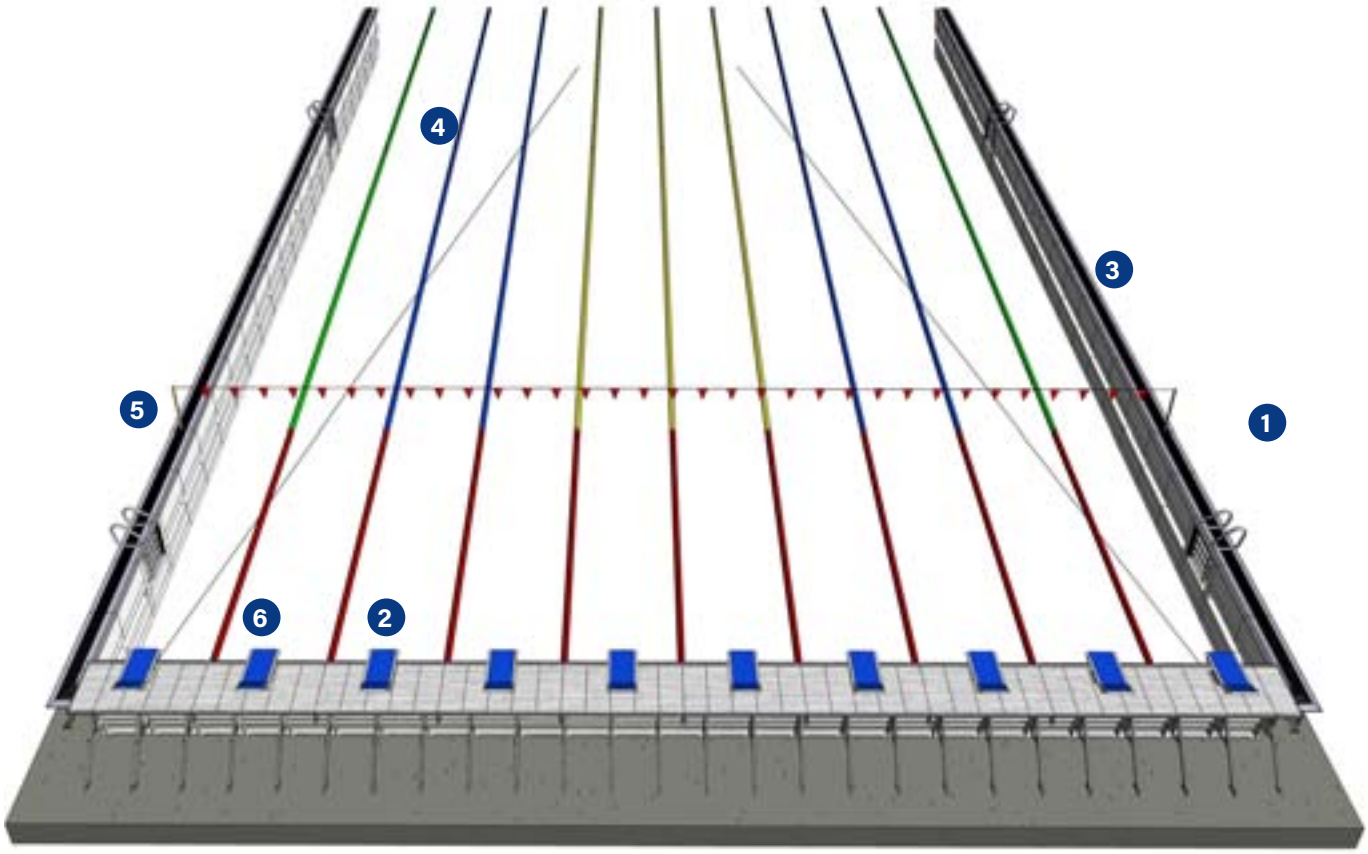
AstralPool has added **Sparger technology** to its pools in the shape of a new safety system for diving pools. Air is released at high pressure from the pool floor, which forms a large amount of bubbles when it mixes with the water to form a cushion for divers. This reduces the risk of injury and divers are more confident when they dive into the water, whether they are beginners or professionals.







LOCATION OF THE EQUIPMENT used in competition pools



1. Ladder
2. Starting block
3. Grating for pool overflow
4. Float lines
5. Backstroke flags
6. Turning panel with supports

SWIMMING POOL COMPETITION PODIUMS

STARTING BLOCK



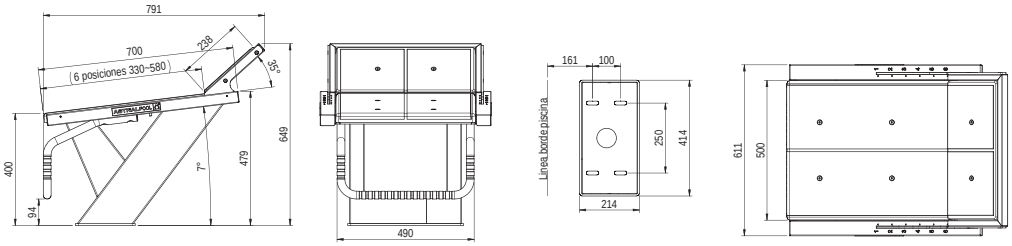
Specially designed for competition events. Available with adjustable footrest to facilitate entry into the water.

Its minimalist design in high quality materials gives it an elegant and modern look.

Manufactured in AISI-316 stainless steel. Polished surface finish. Adjustable support (6 positions). Fastening 54460 not included in supply.

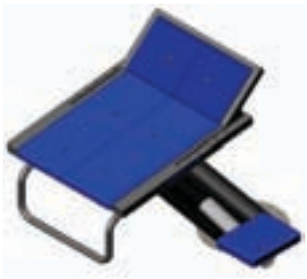
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Starting block	53875	1	-	-

Complies with Standard EN 13451-4



STARTING BLOCK H-700 mobile support

ASTRALPOOL

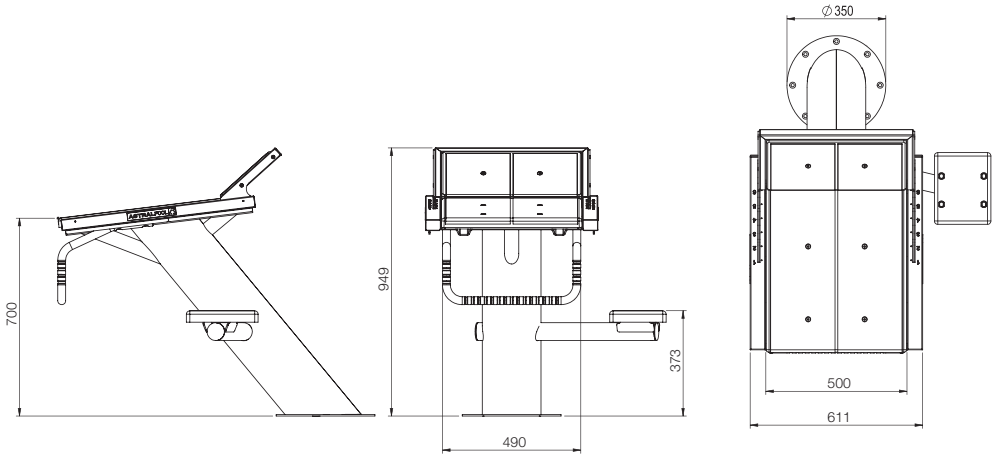


Specially designed for competition FINA compliant and UNE EN 13451-4. It has adjustable support of 6 positions to facilitate the exit to the swimmer. Made of AISI-316 stainless steel and with a height of 700 mm to avoid having to install headwall for podiums in the pool. Installation with anchor 73971 not included in supply.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Starting block, height 700 mm	74011	1	110	-

Complies with Standard EN 13451-4

Complies with Fina Standards



STARTING BLOCK H-700 anchorage

ASTRALPOOL



Anchor designed for the H-700 podium with support, code 74011, to be embedded in concrete. Made in Stainless Steel AISI-316L.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Anchor	73971	1	8.42	-

SWIMMING POOL COMPETITION PODIUMS



STARTING BLOCKS

ASTRALPOOL

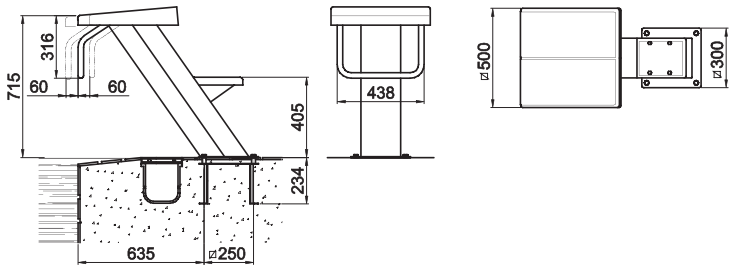
Base in S.S. AISI-316. Adjustable platform in polyester & fibreglass with non-slip finish 500 mm x 500 mm. Number sequence not included. Plate anchoring for starting block in AISI-316 code 54461 not included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
POLISHED FINISH:				
Height 700 mm	00144	1	32.0	0.36
Height 400 mm	00145	1	25.3	0.18

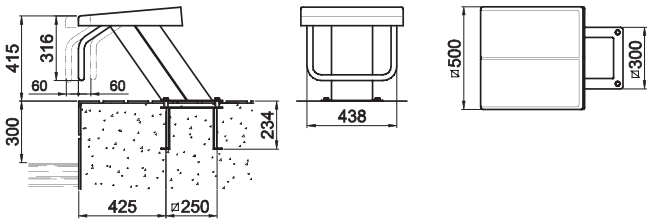
UNE-EN 13451-4

Complies with Standard EN 13451-4

00144



00145





STARTING BLOCKS

ASTRALPOOL

Made in S.S. AISI-304. Platform in Polyester and fibreglass with non-slip finish 500 mm x 500 mm. Number sequence not included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
POLISHED FINISH:				
Height 700 mm	00146	1	25.0	0.48
Height 400 mm	27578	1	18.0	0.11

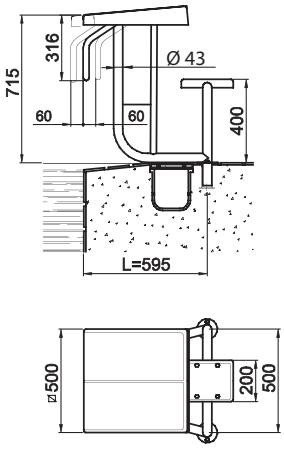
Note: The starting block with code number 00146 may be made to order to adapt to the position of the overflow channels. In such cases, the measurement for L must be provided.

Notes:
Code 00146: Fastener (code 00143), not included.
Code 27578: Fastener (code 54462), not included.

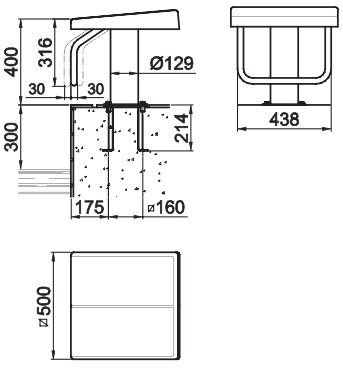
UNE-EN 13451-4

Complies with Standard EN 13451-4

00146



27578



SWIMMING POOL COMPETITION PODIUMS



VELOCITY ADVANTAGE Starting block

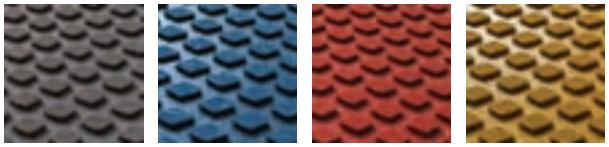
SR Smith

NEW 2023

Velocity Advantage starting blocks feature strong fiberglass footboards with track start wedge on an HDPE composite base, particularly suitable for bulkheads.

- The marine grade HDPE composite base easily mounts to pool decks or bulkheads with minimal drilling.
- 41cm height makes it well suited for bulkheads and end walls with 20 cm to 42 cm deck to water heights.
- The 71cm x 81cm footboard surface is available with TrueTread® or sand tread.
- Track start wedge, adjustable to 5 positions, easily tucks under the footboard.
- Three built in backstroke handholds – two center positions and one on each side.
- Colorado & Daktronics timing system compatible.
- Custom colors and logos available on sand tread footboards.
- Meets FINA, NCAA, NFSHSA*, USMS and USAS competition pool rules and regulations.

TrueTread available colors:



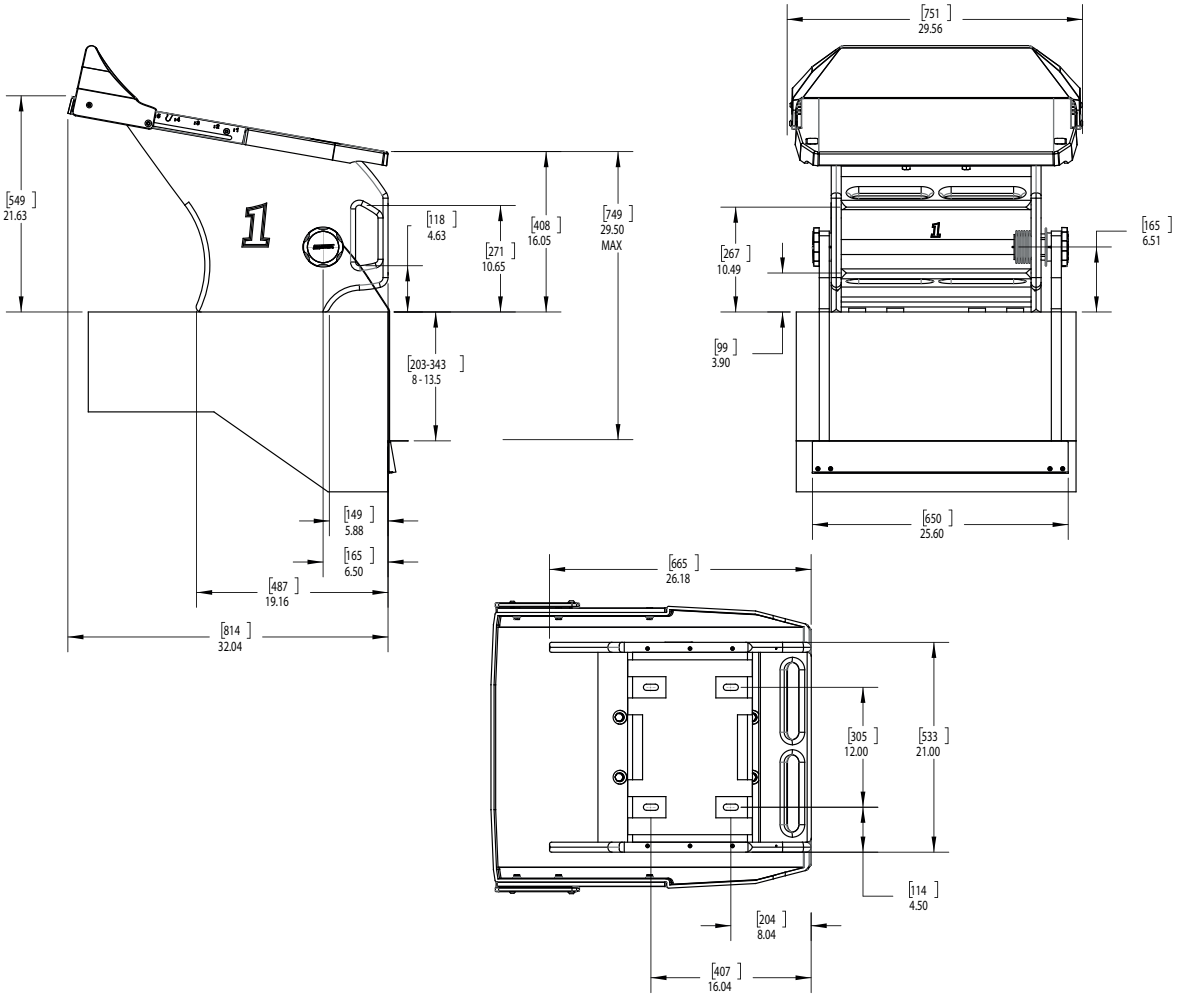
GRAY BLUE RED YELLOW

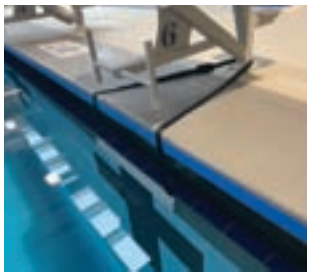
TRUETREAD

Sand Tread available colors:

- White, Red, Blue, Green and Yellow.
- Personalize the foot board with your logo. Logo can be only be applied to white Sand Tread.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Velocity Advantage with TrueTread™	VELO-ADV-BK-T	1	53	-
Velocity Advantage with Sand tread	VELO-ADV-BK-S	1	53	-
Anchor kit, velocity advantage.	27-111	1	53	-

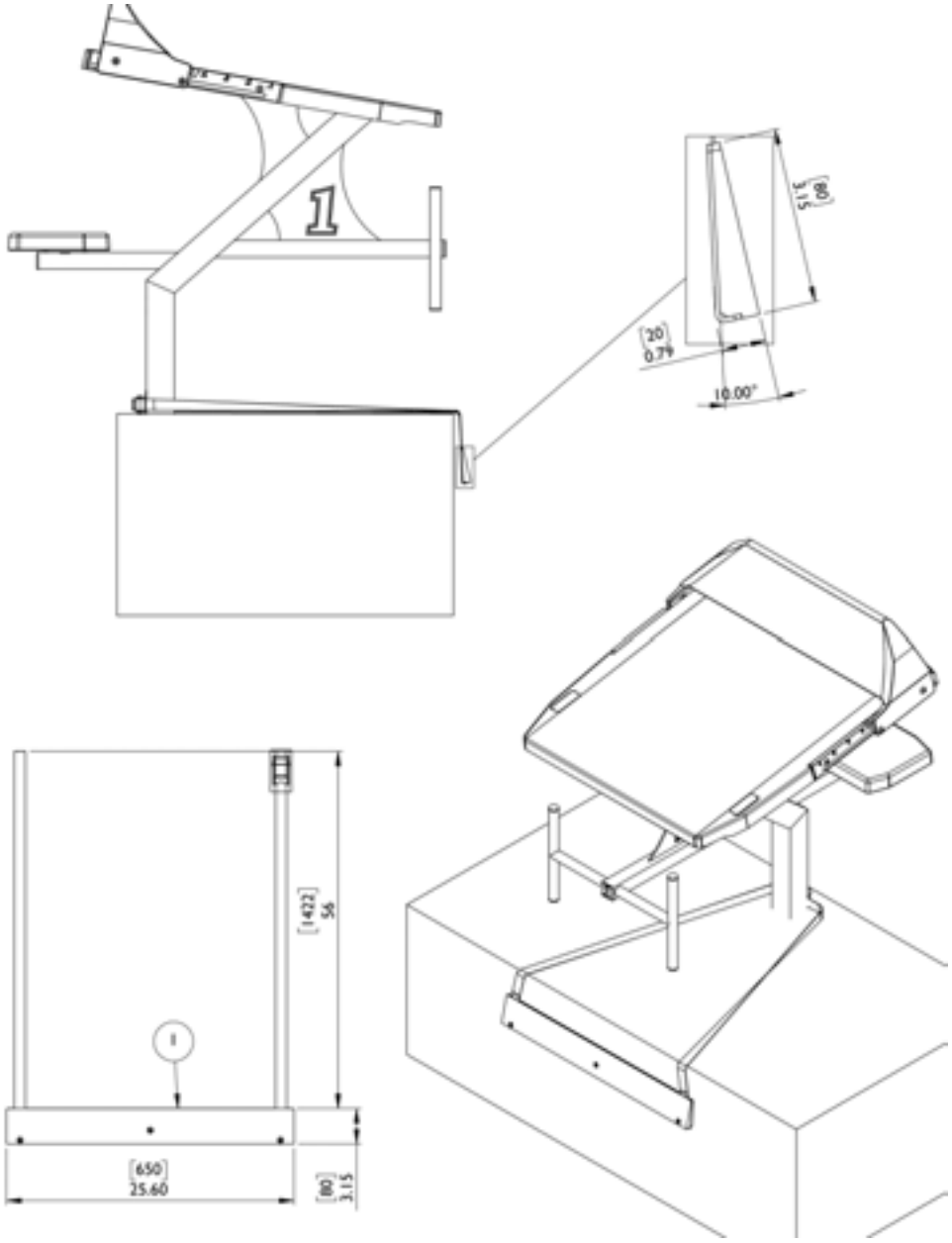




BACKSTROKE START TRAINING device

- Anti-slip backstroke ledge with raised diamond pattern.
- Two 5-foot polyester straps with stainless steel cam buckle to secure and adjust height.
- Works with a wide variety of starting platforms.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Backstroke start training device	03-650T	1	1.4	-



SWIMMING POOL COMPETITION PODIUMS

BACKSTROKE START SYSTEM



Designed to help make backstroke starts faster and reduce the chance for slipping, the Backstroke Start System provides the option to easily add this capability to virtually any pool deck or starting platform configuration..

- Anti-slip backstroke ledge with raised diamond pattern.
- Easily adjustable ledge height with one-handed operation from in or out of pool.
- Spool end marked with millimeter increments (-40, -20, 0, 20, 40).
- Durable HDPE frame to protect from harsh elements at either indoor or outdoor locations.
- Three unique mounting options to secure device to most deck and block configurations.
- Clear markings on spool to show height of ledge to water level for compliance.
- FINA 2.10 compliant for competition.

3 mounting options:



ANCHOR MOUNTING KIT

Plastic anchor with grounding bolt fastened with plastic-headed stainless steel thumb screws



BRACKET MOUNTING KIT

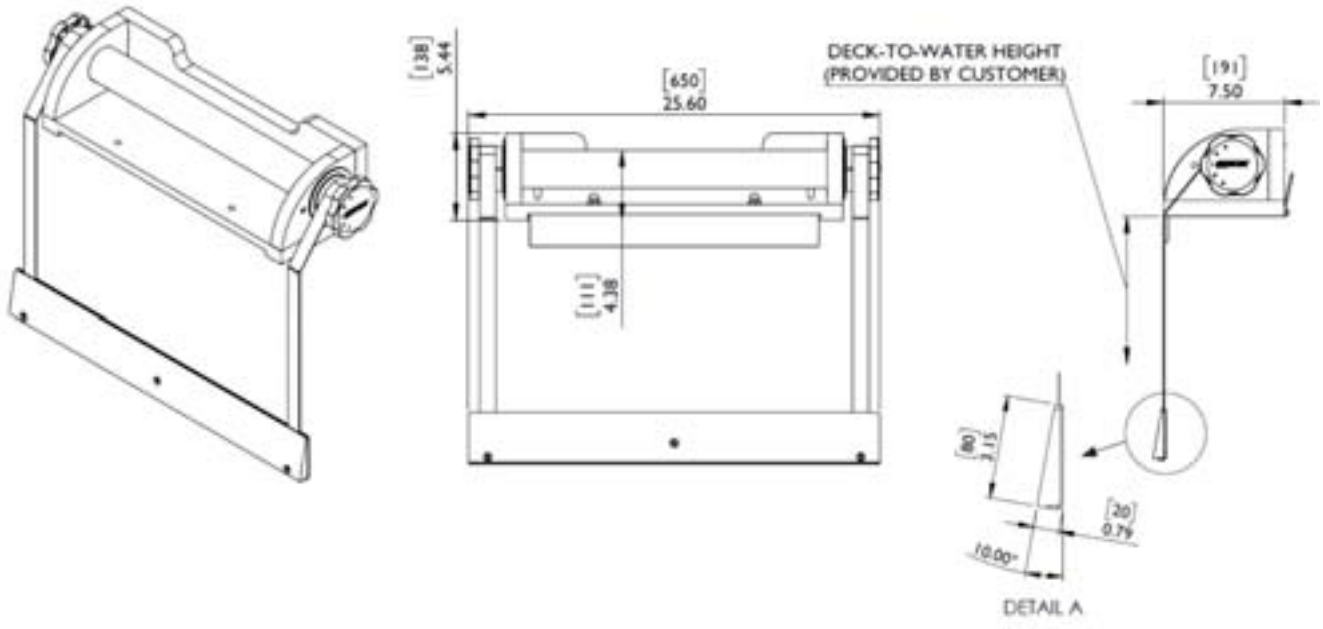
Vinyl-coated 1/4" thick stainless steel bracket with 10 foot long polyester strap and stainless steel cam buckle



SQUARE POST-MOUNTING KIT

Vinyl-coated 1/4" thick stainless steel plate and two brackets shaped to lock onto 2 inch square single post frames

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Backstroke start system base unit	BSS1000	1	11	-
Anchor Mounting Kit	13-600	1	2.3	-
Bracket Mounting Kit	13-601	1	3.2	-
Square Post-Mounting Kit	13-603	1	4.6	-



SWIMMING POOL COMPETITION PODIUMS



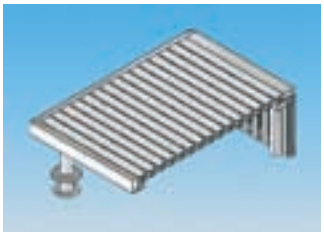
Complies with Standards
EN 13451-1
EN 13451-1-6

HEADWALL FOR PODIUMS

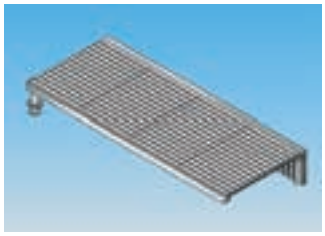
ASTRALPOOL

AstralPool has created a headwall that allows starting blocks to be attached. This addition extends our range of products for competition. The item consists of an AISI-304 Stainless Steel structure and plastic grating. The platform can also be used as a turning panel and includes anchors for float lines.

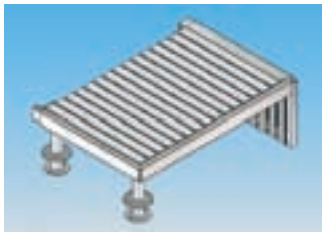
	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Headwall, lane width 2 m	34213	1	-	-
Headwall, lane width 2.5 m	34214	1	-	-
Headwall, right corner	34215	1	-	-
Headwall, left corner	34216	1	-	-



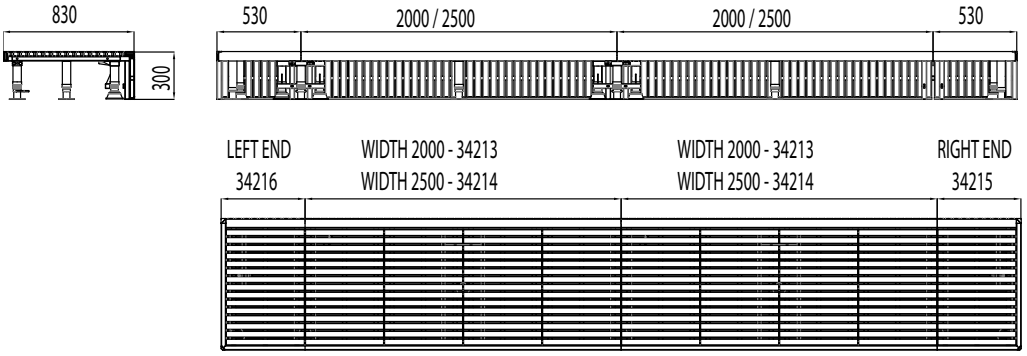
34216



34213 - 2 m
34214 - 2.5 m



34215



PODIUM FIXING

ASTRALPOOL

Anchoring for installation of the podiums in concrete, made in Stainless Steel AISI-304/316, composed by inground base, bolts and washers, with connection to the equipotential circuit.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Made in AISI-316				
Competition podium fixing	54460	1	2.4	0.02
Fixing for the podium	54461	1	3.5	0.02
Made in AISI-304				
Fixing for the podium	54462	1	2.4	0.02

Fastening 54460: For podiums codes 28760 - 28761 - 53875
Fastening 54461: For podiums codes 00144 - 00145 - 19956
Fastening 54462: For podium code 27578

LANE ROPES



Height 80 mm | Height 100 mm

STARTING BLOCKS NUMBERS

4 units of each supplied.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Height 80 mm				
(For starting blocks 00146 - 27578 - 27836)				
For starting blocks from 1 to 6	28616	1	-	-
For starting blocks from 1 to 10	28617	1	-	-
Height 100 mm				
(For starting blocks 00144 - 00145 - 19956 -- 28760 - 28761 - 53875)				
For starting blocks BCN03 from 1 to 6	34200	1	0.1	0.001
For starting blocks BCN03 from 1 to 10	34201	1	0.1	0.001



It is possible to supply any length, colour combination and rope.

Complies with Fina Standards

BCN03 Competition lane rope model

Lane ropes supplied assembled with floats, 6 mm stainless steel rope (code 28808), tightener (00208) and spring (01468). Floats with interior turbines with an external Ø of 148 mm in accordance with FINA international swimming federation regulations.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
25 m				
Red - White colour	67599	1	-	-
Red - Green colour	67601	1	-	-
Red - Blue colour	67602	1	-	-
Red - Yellow colour	67603	1	-	-
50 m				
Red - White colour	67600	1	-	-
Red - Green colour	67604	1	-	-
Red - Blue colour	67605	1	-	-
Red - Yellow colour	67606	1	-	-

LANE ROPES



It is possible to supply any length, colour combination and rope.

Complies with Fina Standards

SYDNEY model

ASTRALPOOL

Range comprising lane ropes with an external Ø of 148 mm in accordance with FINA international swimming federation regulation FR 3 for pools for Olympic Games or world championships. Supplied assembled with floats, 6 mm stainless steel rope (code 28808), tightener (00208) and spring (01468).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
12.5 m*				
White colour	67607	1	-	-
16.5 m White colour				
White colour	67608	1	-	-
25 m				
Red - White colour	67609	1	-	-
Red - Green colour	67612	1	-	-
Red - Blue colour	67613	1	-	-
Red - Yellow colour	67614	1	-	-
33 m^3/h				
Red - White colour	67610	1	-	-
50 m				
Red - White colour	67611	1	-	-
Red - Green colour	67615	1	-	-
Red - Blue colour	67616	1	-	-
Red - Yellow colour	67617	1	-	-

* Available in other colours (blue, green, yellow)



ROMA MODEL

ASTRALPOOL

Supplied assembled with floats, 7 mm polyester rope (code 00210), tightener (00209) and hook (00207).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
12.5 m White colour	67618	1	-	-
16.5 m White colour	67619	1	-	-
25 m Orange - White	67620	1	-	-
33 m Orange - White	67621	1	-	-
50 m Orange - White	67622	1	-	-

* Available in other colours (Blue, Green, Red)



MOSCOW MODEL

ASTRALPOOL

Supplied assembled with floats, 7 mm polyester rope (code 00210), tightener (00209) and hook (00207).

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
12.5 m White colour	67623	1	-	-
16.5 m White colour	67624	1	-	-
25 m Orange - White	67625	1	-	-
33 m Orange - White	67626	1	-	-
50 m Orange - White	67627	1	-	-

* Available in other colours (Blue, Green, Red)

FLOATS



BCN03 MODEL

ASTRALPOOL

Supplied with inner turbine mechanism.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Colour				
White	28204	-	-	-
Green	28425	-	-	-
Blue	28423	-	-	-
Red	28424	-	-	-



SYDNEY MODEL

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Colour				
White	54032	-	-	-
Yellow	54031	-	-	-
Blue	54028	-	-	-
Red	54029	-	-	-
Green	54030	-	-	-

MOSCOW MODEL

ASTRALPOOL





	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Moscow propeller:				
Colour				
White	00161	150	7.0	0.070
Orange	00162	150	7.0	0.070
Blue	00163	150	7.0	0.070
Red	00164	150	7.0	0.070
Rome floaters:				
Colour				
White	00149	500	7.0	0.110
Orange	00150	500	7.0	0.110
Blue	00151	500	7.0	0.110
Red	00152	500	7.0	0.110

LANE ROPE STORAGE EQUIPMENT

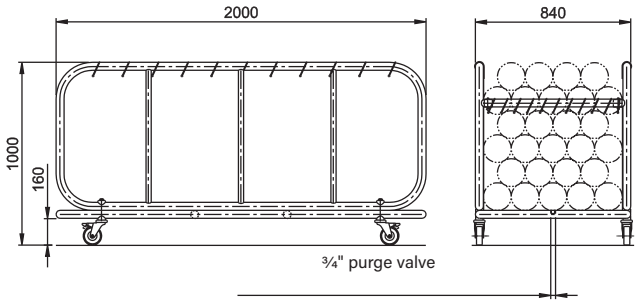


BCN03 Lane rope storage basket

ASTRALPOOL

A new trolley designed to transport and store the BCN03 Lane ropes after use in the swimming pool. The BCN03 lane rope storage basket is manufactured of AISI-316 Stainless Steel and includes a PVC bag for collecting excess water from the float lines. Due to the bag's bottom outlets, it is emptied in a controlled manner with no water spillage. The trolley has four castor wheels for maximum mobility. Two of these fitted with brakes. It can store a lane rope up to 50 m long (or 2 of 25) and can be used for all lane rope models.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	28623	1	55.0	0.389





LANE ROPE ROLLER

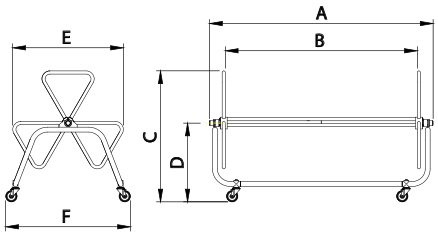
ASTRALPOOL

Made in Stainless Steel AISI-304, fitted with a large wheel for operation. It is mounted on 4 castor wheels for easy handling. Two of these are fitted with brakes.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Width 1.2 m	58860	1	27	0.31
Width 1.8 m	58859	1	32	0.45

NUMBER OF LANE ROPES COLLECTED

Model	1.2 m			1.8 m		
	25 m	33 m	50 m	25 m	33 m	50 m
ROMA	8	6	4	12	9	6
SIDNEY	2	1	1	3	2	1
MOSCOW	4	2	2	6	3	3



TECHNICAL FEATURES

Code	A	B	C	D	E	F
58860	1415	1125	1165	690	970	1085
58859	2015	1725				

LANE ROPE ACCESSORIES

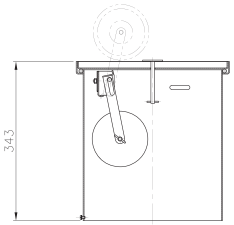


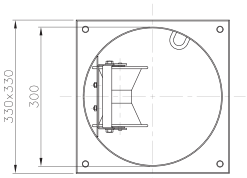
UNDER DECK lane rope storage system

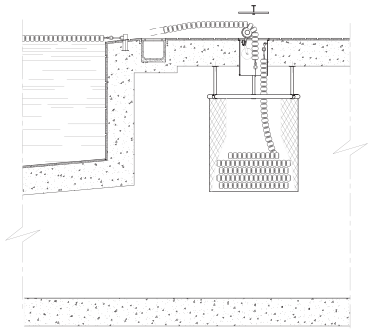
ASTRALPOOL

Made of AISI-316, allows the storage of the float lines beneath the deck. The float line box is embedded in the pool surround and holds the retractable reel over which the float line slides into the hole. This unit can be complemented with a lane rope collecting bag if required.

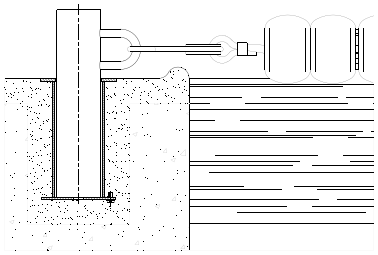
	Code	Standard Pack	Standard weight in kg	Standard volume in m³
	15842	1	12.8	0.08





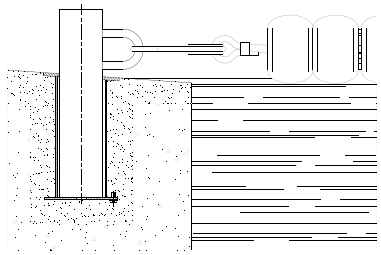


Zurich/Wiesbaden type installation diagram



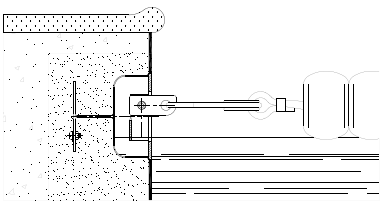
Anchor code 00141
Lane rope support code 00140

Finnish type installation diagram



Anchor code 00142
Lane rope support code 00140

Standard type Installation diagram



Anchoring cup code 09206
code 09207
code 00205
code 00206



LANE ROPE ANCHOR

ASTRALPOOL

Made in AISI-316 stainless steel. To use with anchoring fixture 00141 and 00142.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
	00140	2	0.63	0.003

CONCRETE anchoring cup with central rod

ASTRALPOOL

Made in AISI-316 stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For concrete pool	09206	1	0.4	0.001

LANE ROPE ACCESSORIES

CONCRETE anchoring cup with central rod

ASTRALPOOL

Made in AISI-316 stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
For prefabricated pools with flange, gasket and screws	09207	1	0.5	0.001

RETRACTABLE ANCHORING CUP

ASTRALPOOL

Made in AISI-316 stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
For concrete pool with a retractable hook	00205	1	0.46	0.001

RETRACTABLE ANCHORING CUP

ASTRALPOOL

Made in AISI-316 stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
For prefabricated pools with retractable hook, flange, gaskets and screws	00206	1	0.6	0.001



LANE ROPE RATCHET

ASTRALPOOL

Chrome plated brass.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	00208	1	0.97	0.002



LANE ROPE RATCHET

ASTRALPOOL

AISI-316 stainless steel.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	00209	1	0.2	0.001

LANE ROPE ACCESSORIES



LANE ROPE SPRING

ASTRALPOOL

AISI-204 stainless steel with cable fastener.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
	01468	1	0.62	0.002



LANE ROPE HOOK

ASTRALPOOL

Stainless Steel AISI-304.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
	00207	100	5	0.01

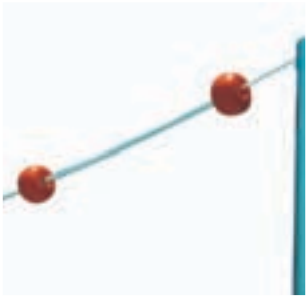


CORDS AND CABLES

ASTRALPOOL

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
Ø 7 mm polyester rope AISI-316 stainless steel cable	00210	110 m	2.0	0.090
Ø 4 x 6 mm with plastic coating DIN 3055 BCN03 AISI-316 Stainless Steel cable	00211	-	0.1	0.001
Ø 6 mm without plastic coating	28808	-	-	-

SIGNAGE



FALSE START INDICATORS

ASTRALPOOL

Please indicate pool width when placing your order.

Comprises 2 posts in AISI-316 S.S. (one with pully and quick release cord). Height 1.8 m. Anchoring socket not included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
False start posts:				
- Pool width up to 21 m Ø 43 mm pipe for use with anchoring sockets 00141 and 00142	19950	1	5.6	0.01
- Pool width over 21 m Ø 48 mm pipe for use with anchoring sockets 19960 and 19961	19951	1	9.4	0.01
False start floats:				
Polyester cord and floats	19954	1	-	-

NOTE:
You must state the pool dimensions and depths on placing your order.

Complies with Fina Standards

SIGNAGE

BACKSTROKE TURN INDICATORS

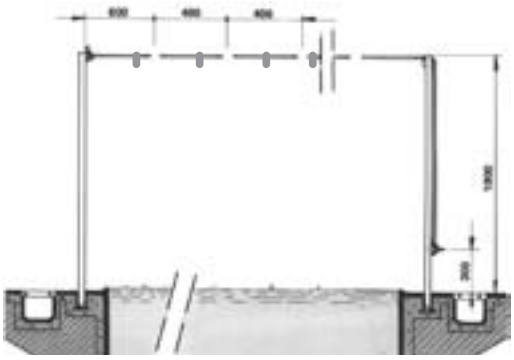


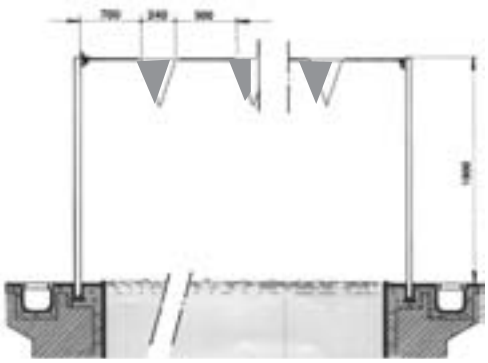
NOTE:
You must state the pool dimensions and depths on placing your order.

Complies with Fina Standards

Please indicate pool width when placing your order.
Comprises 4 posts in AISI-316 stainless steel. Height 1.8 m. Anchoring sockets not included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Backstroke turn indicator posts				
- Pool width up to 21 m Ø 43 mm pipe for use with anchoring sockets 00141 and 00142	19952	1	11.2	0.03
- Pool width over 21 m Ø 48 mm pipe for use with anchoring sockets 19960 and 19961	19953	1	20.0	0.03
Backstroke turn indicator bunting				
2 units	19955	1	-	-





TURNING PANELS

TURNING PANELS



NOTE:
You must state the pool dimensions and depths on placing your order.

Complies with Standards
EN 13451-1
EN 13451-1-6

In AISI-316 stainless steel with plastic lattice screen. Height 300 mm. Fixing support (00139) is not included

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Lane width 2 m	00137	1	13.6	0.040
Lane width 2.5 m	00138	1	16.5	0.051

TURNING PANELS



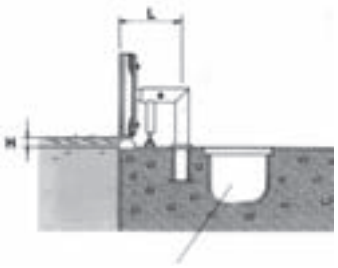
BRACKET

ASTRALPOOL

AISI-316 stainless steel (for coupling to 00141 and 00142 fasteners). State H and L dimensions and type of overflow channel when placing an order. A minimum of two units are required for each rotating panel.

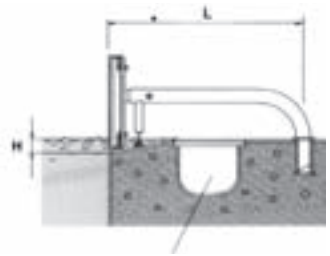
	Code	Standard Pack	Standard weight in kg	Standard volume in m³
	00139	1	4.0	0.054

Complies with Standards
EN 13451-1
EN 13451-1-6



ANCHORING DETAILS WHEN MEASUREMENT «L» IS LESS THAN 500 mm.





ANCHORING DETAILS WHEN MEASUREMENT «L» IS OVER 500 mm.



ATTACHMENTS FOR COMPETITION EQUIPMENT



HORIZONTAL flange anchoring sockets

ASTRALPOOL

Zurich-Wiesbaden. In S.S. AISI-316.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For Ø 43 mm pipe	00141	2	1.17	0.002
For Ø 48 mm pipe	19960	2	1.3	0.002



ANGLED flange anchoring socket

ASTRALPOOL

Finnish. In S.S. AISI-316.

	Code	Standard Pack	Standard weight in kg	Standard volume in m³
For Ø 43 mm pipe	00142	2	1.13	0.002
For Ø 48 mm pipe	19961	2	1.26	0.002

ATTACHMENTS FOR COMPETITION EQUIPMENT

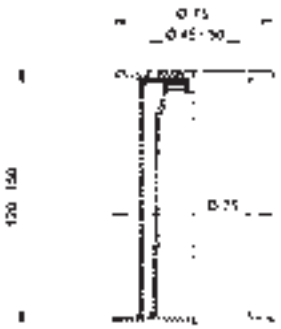


ANCHORING socket with locking bolts

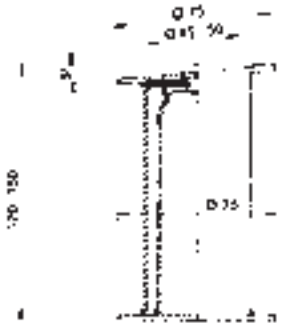
ASTRALPOOL

With bolts. In S.S. AISI-316.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
	00143	2	1.47	0.003



Code 00141
Code 19960



Code 00142
Code 19961



Code 00143

WATER POLO GOAL



Fina STANDARDS

Complies with Fina Standards

WATER POLO GOAL

The water polo goal is lightweight, floating and very resistant. It is built entirely from aluminium and is oven-painted white.

Manufacturing and measurements in accordance with FINA international swimming federation standards.

- Floating: Polyurethane foam-filled aluminium floats.
- Goal frame: 80 x 50mm aluminium tube
- Net fastening: 6 mm stainless steel round rod.
- Net side pipe: 23 mm stainless steel round pipe with fastening in frame and float.
- Fastening for goal lines.
- Nets included.

	Code	Standard Pack	Standard weight in kg	Standard volume in m^3
Official water polo goal kit	69654	1	-	-



WELLNESS

FLUIDRA



ASTRALPOOL



Hotel Monastero di Cortona - Italy



UNFORGETTABLE WELLNESS EXPERIENCE

Quality time is one of the most precious resources in today's world, which is why Fluidra takes care ofevery detail to ensure that the wellness experience is an unforgettable one.

Once-in-a-life-time moments in unique spaces that provide a source of health and well-being.

We innovate new worlds, design new dreams, and exploreunknown paths...

We provide our clients with creative and sustainable solutions that respect the details and quality that goeshand in hand with craftsmanship.

To be born, to grow, and to keep growing.

Explore the well-being catalogue, that provides a full wellness experience, with different spaces; **temperature, water, relax and treatment.**





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SAUNAS

+ Source of health and well-being.
+ In addition to their spiritual side, saunas have been used for medicinal purposes for thousands of years.
+ Our ancestors sensed their therapeutic benefits and modern science confirms them.
+ A sauna is an excellent way to improve the blood and motor system, reduce muscle pain, and increase joint movement. It is also a good partner for our skin, leaving it bright and beautiful.
+ A sauna is the answer. Having a sauna boosts vitality and energy, helping us stay healthy.
+ More saunas, more health and well being.



SAUNAS





ESSENTIA

ASTRALPOOL

+ Precise lines.
+ Accurately balanced proportions.
+ Monomaterical surfaces traced by thin shadow lines that reveal the mass.
+ Exclusive natural wood.
+ Creativity and care of detail fuse together to form a refined and essential concept.
+ Perfectly blending nordic tradition with Italian design timeless elegance, Essentia is the new sauna fitting every kind of location.

- Construction of Thermo Magnolia / Thermo Aspen wood horizontal panels 85mm thick.
- Tongue and grove system for optimum sealing.
- Temperature resistance up to 150° Celsius.
- Thermal insulated inside with mineral wool and moisture insulated with aluminium foil
- Floor frame made of impregnated solid wood moist ure resist ant.
- Floor grill made of Thermo Magnolia / Thermo Aspen.
- Front panel: 8mm tempered glasf transarent with wooden frame; handle cilindric profile ,auto closing hydraulic mechanism.
- Open Benches made of Thermo Magnolia / Thermo Aspen with low heat conductivity.
- Benches withstand the weight of 200 kg/m.
- Sauna Led light behind benches, 12V, warm white light.
- Lux sauna Heater . Power according to different sizes.
- Control panel: Touch screen.
- Silicone wiring 400 V III + N- wire + Ground wire.
- Air ventilation - ensuring a minimum of five air changes per hour.

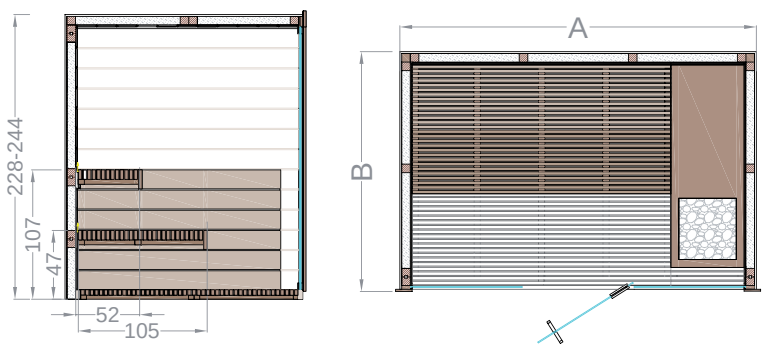
Dimensions (mm)	Code
Saunas	
200 x 200 x 225	72892
250 x 200 x 225	72893
250 x 250 x 225	72894
300 x 250 x 225	72895

Accessories

Please see the available accessories on page 403.

TECHNICAL FEATURES

Code	Dimensions (cm)	Power (kW)	Sauna panels						
			Hemlock Plywood	Nordic Spruce	White Pine	Thermo Aspen/ Alder/Pine	Red Cedar	Magnolia	Bench wood
72892	200 x 200 x 225	7 kW 230 / 400 3~	-	-	-	Optional	-	Standard	Thermo Magnolia
72893	250 x 200 x 225	7 kW 230 / 400 3~							
72894	250 x 250 x 225	10.8 kW 230 / 400 3~							
72895	300 x 250 x2 25	10.8 kW 230 / 400 3~							



SAUNAS





BELLA

ASTRALPOOL

+ Creative design.
+ Wood of great quality.
+ Elegant details.

- Construction of Hemlock plywood vertical panels 57mm thick.
- Tongue and grove system for optimum sealing. Temperature resistance up to 150° Celsius.
- Thermal insulated inside with mineral wool and moisture insulated with aluminium foil.
- Floor frame made of impregnated solid wood.
- Floor grill made of Thermo Aspen / Thermo Alder.
- Full glass front panel of 8mm tempered transparent glass with solid wooden frame
- Door: 8mm tempered transparent glass no frame ; wooden handle square profile handle square profile.
- Benches made of Thermo Aspen or similar type with low heat conductivity. Benches withstan the weight of 200 kg/m.
- Sauna Led light along benches, 12V, warm white light.
- Heater Power: according to different sizes.
- Control panel: touch screen series.
- Silicone wiring 400 V III + N- wire + Ground wire.
- Air ventilation.

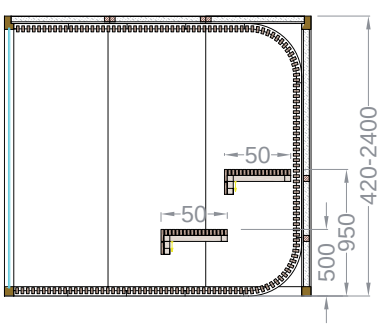
Dimensions (mm)	Code
Saunas	
180 x 180 x 210	72916
230 x 180 x 210	72917
230 x 230 x 210	72918
280 x 230 x 210	72919

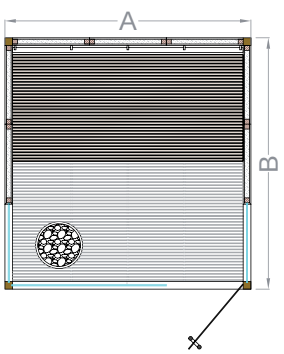
Accessories

Please see the available accessories on page 403.

TECHNICAL FEATURES

Code	Dimensions (cm)	Power (kW)	Sauna panels						
			Hemlock Plywood	Nordic Spruce	White Pine	Thermo Aspen/ Alder/Pine	Red Cedar	Magnolia	Bench wood
72916	180 x 180 x 210	7 kW 230 / 400 3~	Standard	-	-	-	-	-	Thermo Aspen
72917	230 x 180 x 210	7 kW 230 / 400 3~							
72918	230 x 230 x 210	11 kW 230 / 400 3~							
72919	280 x 230 x 210	11 kW 230 / 400 3~							





SAUNAS



LOBOS

ASTRALPOOL

+ Clear design.
+ Wood of great quality.
+ Elegant detail.

- Construction of Hemlock plywood vertical panels 66mm thick.
- Tongue and grove system for optimum sealing. Temperature resistance up to 150° Celsius.
- Thermal insulated inside with mineral wool and moisture insulated with aluminium foil.
- Floor frame made of impregnated solid wood.
- Floor grill made of Abachi wood.
- Full glass front panel of 8mm tempered transparent glass with solid wooden frame.
- Door: 8mm tempered transparent glass no frame; wooden handle square profile.
- Benches made of Abachi or similar type with low heat conductivity. Benches withstand the weight of 200 kg/m.
- Sauna Led light along benches and wall light shades, 12V, warm white light.
- Heater Power 6kW.
- Control panel: touch screen series.
- Silicone wiring 400 V III + N- wire + Ground wire.
- Air ventilation.

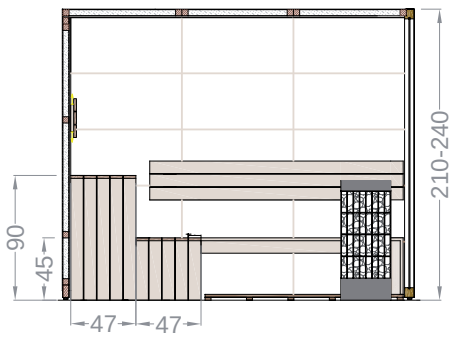
Dimensions (mm)	Code
Saunas	
134 x 254 x 210	72913
194 x 195 x 210	72914
254 x 254 x 210	72915

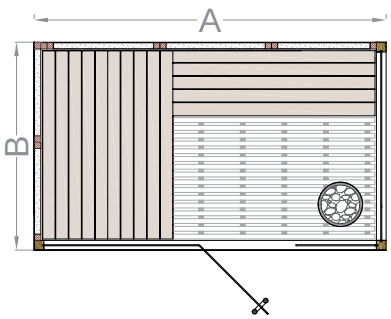
Accessories

Please see the available accessories on page 403.

TECHNICAL FEATURES

Code	Dimensions (cm)	Power (kW)	Sauna panels						
			Hemlock Plywood	Nordic Spruce	White Pine	Thermo Aspen/ Alder/Pine	Red Cedar	Magnolia	Bench wood
72913	134 x 254 x 210	7kW 230/400 3~	Standard	N/A	N/A	N/A	N/A	N/A	Abachi
72914	194 x 194 x 210	7kW 230/400 3~							
72915	254 x 254 x 210	9kW 230/400 3~							





SAUNAS



HONEY

ASTRALPOOL

+ Innovative, beautiful design.
+ Wood of great quality.
+ Excellent detail.

- Construction of Hemlock plywood vertical panels 57mm thick.
- Tongue and grove system for optimum sealing. Temperature resistance up to 150° Celsius.
- Thermal insulated inside with mineral wool and moisture insulated with aluminium foil.
- Floor frame made of impregnated solid wood.
- Floor grill made of Thermo Aspen / Thermo Alder.
- Full glass front panel of 8mm tempered transparent glass with solid wooden frame.
- Door: 8mm tempered transparent glass no frame ; wooden handle square profile.
- Benches made of Thermo Aspen or similar type with low heat conductivity. Benches withstand the weight of 200 kg/m.
- Sauna Led light along benches and wall light shades, 12V, warm white light.
- Heater Power: according to different sizes.
- Control panel: touch screen series.
- Silicone wiring 400 V III + N- wire + Ground wire.
- Air ventilation.

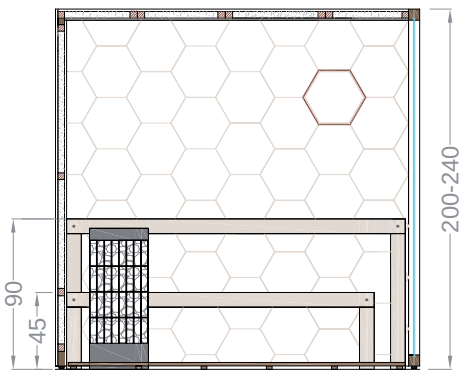
Dimensions (mm)	Code
Saunas	
180 x 180 x 212	72896
233 x 180 x 212	72897
233 x 233 x 212	72898
285 x 233 x 212	72899
285 x 285 x 212	72900

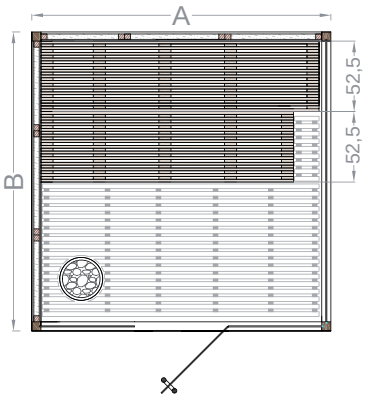
Accessories

Please see the available accessories on page 403.

TECHNICAL FEATURES

Code	Dimensions (cm)	Power (kW)	Sauna panels						
			Hemlock Plywood	Nordic Spruce	White Pine	Thermo Aspen/ Alder/Pine	Red Cedar	Magnolia	Bench wood
72896	180 x 180 x 212	7 kW 230/400V 3~	Standard	N/A	N/A	N/A	N/A	N/A	Thermo Aspen
72897	233 x 180 x 212	9 kW 230/400V 3~							
72898	233 x 233 x 212	9 kW 230/400V 3~							
72899	285 x 233 x 212	10.8 kW 230/400V 3~							
72900	285 x 285 x 212	13.5 kW 230/400V 3~							





SAUNAS



INNSBRUCK

ASTRALPOOL

+ Elegant design.
+ Wood of great quality.
+ Excellent detail.

- Construction of Hemlock plywood vertical panels 56mm thick.
- Tongue and grove system for optimum sealing. Temperature resistance up to 150° Celsius.
- Thermal insulated inside with mineral wool and moisture insulated with aluminium foil.
- Floor frame made of impregnated solid wood.
- Floor grill made of Abachi wood.
- Full glass front panel of 8mm tempered transparent glass with solid wooden frame.
- Door: 8mm tempered transparent glass no frame; wooden handle square profile.
- Covered ergonomic Benches with wall backrest, made of Abachi or similar type with low heat conductivity. Benches withstand the weight of 200 kg/m.
- Headrest made of Abachi.
- Sauna Led light along bench backrest, 12V, white warm light 3000K.
- Heater power: according to different sizes.
- Control panel: Standard series.
- Silicone wiring 400 V III + N- wire + Ground wire.
- Air ventilation.

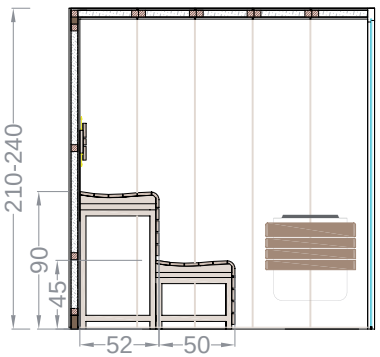
Dimensions (mm)	Code
Saunas	
135 x 135 x 210	72901
180 x 180 x 210	72902
220 x 220 x 210	72903
260 x 220 x 210	72904
300 x 250 x 210	72905
300 x 300 x 210	72906

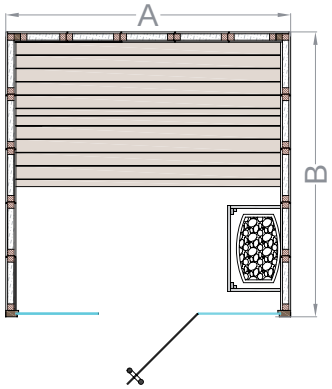
Accessories

Please see the available accessories on page 403.

TECHNICAL FEATURES

Code	Dimensions (cm)	Power (kW)	Sauna panels						
			Hemlock Plywood	Nordic Spruce	White Pine	Thermo Aspen/ Alder/Pine	Red Cedar	Magnolia	Bench wood
72901	135 x 135 x 210	4.5kW 230V 1~	Standard	N/A	N/A	N/A	N/A	N/A	Abachi
72902	180 x 180 x 210	6kW 230/400 3~							
72903	220 x 220 x 210	8kW 230/400 3~							
72904	260 x 220 x 210	9kW 230/400 3~							
72905	300 x 250 x 210	10.5kW 230/400 3~							
72906	300 x 300 x 210	13.5kW 230/400 3~							









ST. MORITZ

+ Clear design.
+ Wood of great quality.
+ Excellent detail.

- Construction of Hemlock plywood vertical panels 56mm thick.
- Tongue and grove system for optimum sealing. Temperature resistance up to 150° Celsius.
- Thermal insulated inside with mineral wool and moisture insulated with aluminium foil.
- Floor frame made of impregnated solid wood.
- Floor grill made of Abachi wood.
- Full glass front panel of 8mm tempered transparent glass with solid wooden frame.
- Door: 8mm tempered transparent glass no frame; wooden handle square profile.
- Open Benches with wall backrest, made of Abachi or similar type with low heat conductivity. Benches withstand the weight of 200 kg/m.
- Headrest made of Abachi.
- Sauna Led light along bench backrest, 12V, white warm light 3000K.
- Heater power: according to different sizes.
- Control panel: Standard series.
- Silicone wiring 400 V III + N- wire + Ground wire.
- Air ventilation.

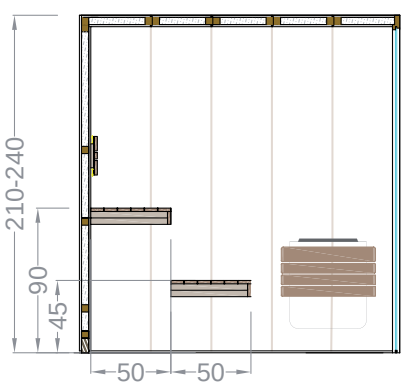
Dimensions (mm)	Code
Saunas	
135 x 135 x 210	72907
180 x 180 x 210	72908
220 x 220 x 210	72909
260 x 220 x 210	72910
300 x 250 x 210	72911
300 x 300 x 210	72912

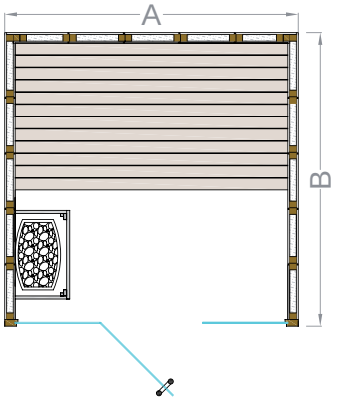
Accessories

Please see the available accessories on page 403.

TECHNICAL FEATURES

Code	Dimensions (cm)	Power (kW)	Sauna panels						
			Hemlock Plywood	Nordic Spruce	White Pine	Thermo Aspen/ Alder/Pine	Red Cedar	Magnolia	Bench wood
72907	135 x 135 x 210	4.5kW 230V 1~	Standard	N/A	N/A	N/A	N/A	N/A	Abachi
72908	180 x 180 x 210	6kW 230/400 3~							
72909	220 x 220 x 210	8kW 230/400 3~							
72910	260 x 220 x 210	9kW 230/400 3~							
72911	300 x 250 x 210	10.5kW 230/400 3~							
72912	300 x 300 x 210	13.5kW 230/400 3~							





SAUNAS





BORRO

ASTRALPOOL

+ Elegant, clear design.
+ Wood of great quality.
+ Perfect detail.

- Option: Stone wall behind heater.
- Wooden accessories set–bucket with ladle, combined thermo-hygrometer, sand timer.
- Air ventilation.
- Sauna rocks.
- Silicon wiring 400 V III + N- wire + Ground wire.
- Control panel: Xenio series.
- Heater Power according to different sizes.
- Sauna Led light along benches, 12V, white light.
- Headrest made of Abachi / Thermo wood.
- Covered Benches with wall backrests, made of Abachi or similar type with low heat conductivity.
- Benches withstand the weight of 200 kg/m.
- Door: 8mm tempered transparent glass no frame; handle square profile with locking mechanism.
- Full glass front panel of 8mm tempered transparent glass with solid wooden frame.
- Floor grill made of Abachi / Thermo wood.
- Floor frame made of impregnated solid wood.
- Thermal insulated inside with mineral wool and moisture insulated with aluminium foil
- Tongue and grove system for optimum sealing. Temperature resistance up to 150° Celsius.
- Construction of Spruce /White Pine /Thermo Aspen / Hemlock / Red Cedar wood vertical panels 70mm thick.

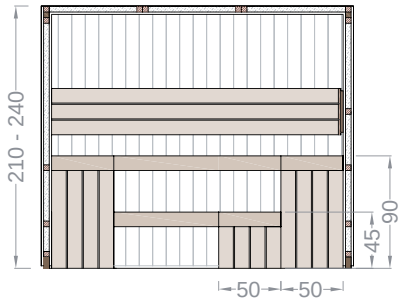
Dimensions (mm)	Code
Saunas	
200 x 200 x 210	72920
250 x 200 x 210	72921
250 x 250 x 210	72922
300 x 250 x 210	72923
300 x 300 x 210	72924
400 x 300 x 210	UR*

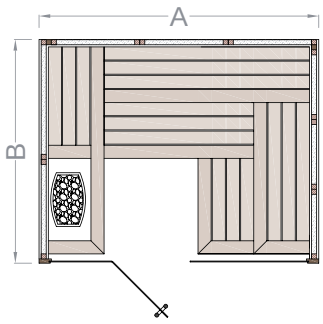
Accessories

Please see the available accessories on page 403.

TECHNICAL FEATURES

Code	Dimensions (cm)	Power (kW)	Sauna panels						
			Hemlock Plywood	Nordic Spruce	White Pine	Thermo Aspen/ Alder/Pine	Red Cedar	Magnolia	Bench wood
72920	200 x 200 x 210	6kW 230/400 3~	N/A	Optional	Optional	Standard	Optional	N/A	Thermo Pine
72921	250 x 200 x 210	8kW 230/400 3~							
72922	250 x 250 x 210	9kW 230/400 3~							
72923	300 x 250 x 210	10.5kW 230/400 3~							
72924	300 x 300 x 210	13.5kW 230/400 3~							
UR*	400 x 300 x 210	16.5kW 230/400 3~							





* under request

SAUNAS





NERA

+ Precise lines.
+ Deep balanced proportions.
+ Solid surfaces accented by thin shadow lights that reveal the mass.
+ Exclusive natural wood.
+ Creativity and care of detail fuse together to form eternity concept.
+ Contrast blending of tones.
+ Nera is the new sauna matching any kind of concept.

- Construction of Wax painted Spruce wood horizontal panels 90 mm thick.
- Tongue and grove system for optimum sealing. Temperature resistance up to 150 Celsius.
- Thermal insulated inside with mineral wool and moisture insulated with aluminium foil. Floor frame made of impregnated solid wood moist ure resist ant.
- Floor grill made of Wax painted fir wood.
- Front panel: 8mm tempered glass transarent with wooden frame of Abachi; handle cilindric profile ,auto closing hydraulic mechanism.
- Open Benches made of Solid Abachi wood with low heat conductivity. Benches withstand the weight of 200 kg.
- Sauna Led light behind benches, 12V, warm white light.
- Lux sauna Heater. Power according to different sizes. Manual for installation and use. Heater protection box.
- Control panel: Touch screen.
- Silicon wiring 400 V III + N- wire + Ground wire.
- Sauna rocks.
- Air ventilation - ensuring a minimum of five air changes per hour.
- S.S. accessories set – bucket with ladle, combined thermo-hygrometer.

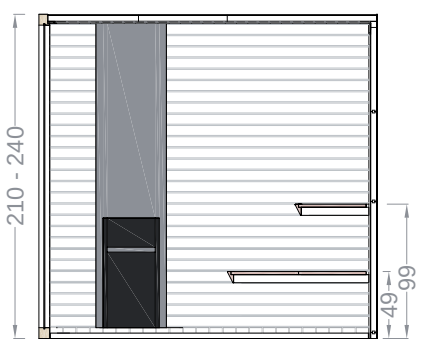
Accessories

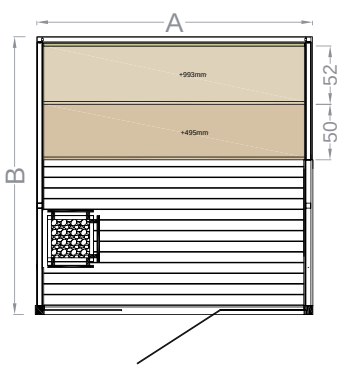
Please see the available accessories on page 403.

Dimensions (mm)	Code
Saunas	
180 x 180 x 210	70432BS
200 x 200 x 210	70433BS
250 x 200 x 210	70434BS
250 x 250 x 210	70435BS

TECHNICAL FEATURES

Code	Dimensions (cm)	Power (kW)	Sauna panels						
			Hemlock Plywood	Nordic Spruce	White Pine	Thermo Aspen/ Alder/Pine	Red Cedar	Magnolia	Bench wood
70432BS*	180 x 180 x 210	7kW 230/400 3~	N/A	Standard (black pinted)	N/A	N/A	N/A	N/A	Abachi
70433BS*	200 x 200 x 210	7kW 230/400 3~							
70434BS*	250 x 200 x 210	7kW 230/400 3~							
70435BS*	250 x 250 x 210	10.8kW 230/400 3~							





SAUNAS



FIORA

ASTRALPOOL

+ Elegant design.
+ Wood of great quality.
+ Perfect detail.

- Construction of Spruce / White Pine / Thermo Aspen / Hemlock / Red Cedar wood horizontal panels 70mm thick.
- Tongue and grove system for optimum sealing. Temperature resistance up to 150° Celsius.
- Thermal insulated inside with mineral wool and moisture insulated with aluminium foil.
- Air ventilation.
- Silicone wiring 400 V III + N- wire + Ground wire.
- Control panel: Xenio series.
- Wall mounted heater, Power according to different sizes.
- Sauna Led light along backrest benches, 12V, white warm light 3000K.
- Open Benches with wall backrests, made of Abachi or similar type with low heat conductivity. Benches withstand the weight of 200 kg/m.
- Headrest made of Abachi / Thermo wood.
- Door: 8mm tempered transparent glass no frame; handle square profile; hinges with spring return mechanism.
- Full glass front panel of 8mm tempered transparent glass with solid wooden frame.
- Floor grill made of Abachi / Thermo wood.

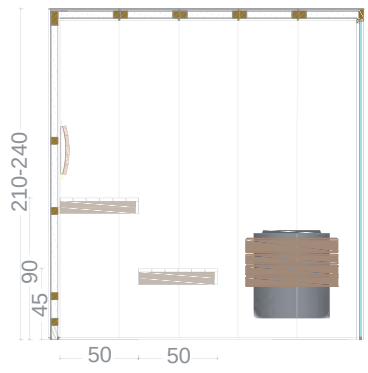
Dimensions (mm)	Code
Saunas	
180 x 180 x 210	UR*
200 x 200 x 210	UR*
250 x 200 x 210	UR*
250 x 250 x 210	UR*

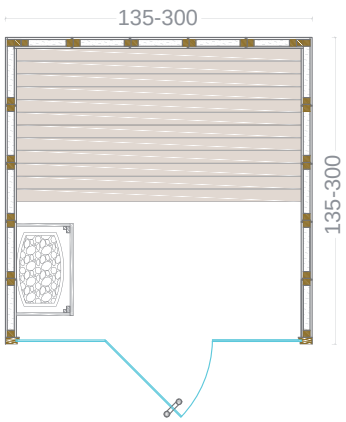
Accessories

Please see the available accessories on page 403.

TECHNICAL FEATURES

Code	Dimensions (cm)	Power (kW)	Sauna panels						
			Hemlock Plywood	Nordic Spruce	White Pine	Thermo Aspen/ Alder/Pine	Red Cedar	Magnolia	Bench wood
UR*	180 x 180 x 210	6kW 230/400 3~	N/A	N/A	N/A	Standard	N/A	N/A	Abachi
UR*	200 x 200 x 210	6kW 230/400 3~							
UR*	250 x 200 x 210	8kW 230/400 3~							
UR*	250 x 250 x 210	9kW 230/400 3~							





* under request

SAUNAS



MIRAMONTE

ASTRALPOOL

+ Beautiful design.
+ Wood of great quality.
+ Excellent detail.

- Construction of Spruce / White Pine / Thermo Aspen / Hemlock / Red Cedar wood vertical panels 70mm thick.
- Tongue and grove system for optimum sealing. Temperature resistance up to 120° Celsius.
- Thermal insulated inside with mineral wool and moisture insulate with aluminium foil.
- Floor frame made of impregnated solid wood.
- Floor grill made of Abachi wood.
- Full glass front panel of 8mm tempered transparent glass with solid wooden frame
- Door: 8mm tempered transparent glass no frame; handle square profile with locking mechanism.
- Covered Benches with wall backrests, made of Abachi or similar type with low heat conductivity. Benches withstand the weight of 200 kg/m.
- Headrest made of Abachi.
- Sauna Led light along benches, 12V, white light.
- Heater Power according to different sizes. Sauna rocks.
- Control panel: Xenio series.
- Silicone wiring 400 V III + N- wire + Ground wire.
- Air ventilation.

Options

- Stone wall behind heater
- Panic button
- Loud speakers

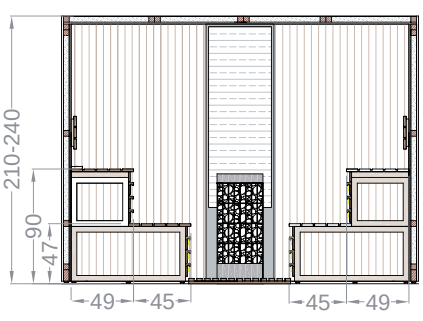
Accessories

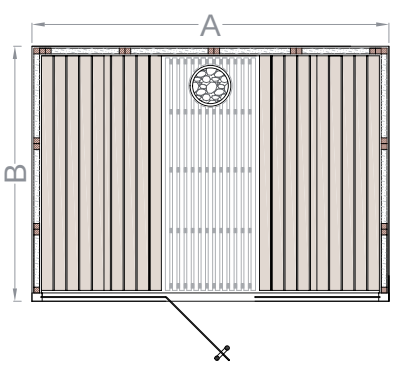
Please see the available accessories on page 403.

Dimensions (mm)	Code
Saunas	
200 x 150 x 210	70470
200 x 200 x 210	70471
250 x 200 x 210	70439
250 x 250 x 210	70440
300 x 250 x 210	70441
300 x 300 x 210	70442

TECHNICAL FEATURES

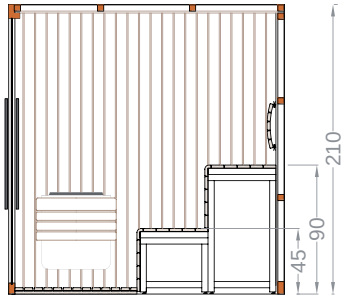
Code	Dimensions (cm)	Power (kW)	Sauna panels						
			Hemlock Plywood	Nordic Spruce	White Pine	Thermo Aspen/ Alder/Pine	Red Cedar	Magnolia	Bench wood
70470	200 x 150 x 210	7kW 230/400 3~	N/A	Optional	Standard	Optional	Optional	N/A	Abachi
70471	200 x 200 x 210	7kW 230/400 3~							
70439	250 x 200 x 210	9kW 230/400 3~							
70440	250 x 250 x 210	9kW 230/400 3~							
70441	300 x 250 x 210	10.8kW 230/400 3~							
70442	300 x 300 x 210	13.5kW 230/400 3~							

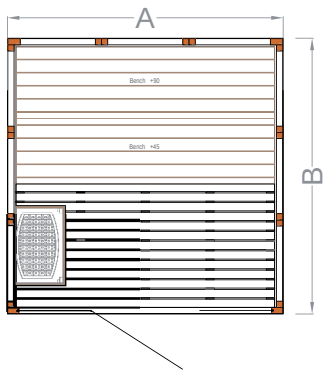




SAUNAS







Accessories

Please see the available accessories on page 403.

CLASSIC

ASTRALPOOL

+ Classic design.
+ Natural wood of great quality.
+ Perfect detail.

STANDARD

- Construction of fir wood.
- Vertical panelling of Spruce/Pine/Thermo Aspen/Hemlock/Red Cedar.
- Tongue and grove system for optimum sealing. Temperature resistance up to 150° C. Thermal insulated inside with mineral wool and moisture insulated with aluminium foil. Floor grill made of Abachi wood.
- Dood: 8mm bronze tempered glass with wooden frame; wooden handle with roller closing mechanism.
- Closed Benches made of Solid Abachi /Thermo Aspen wood with low heat conductivity.
- Benches withstand the weight of 200 kg. Ergonomic back rests on second level.
- Sauna light with wooden shade of Abachi.
- El. sauna Heater. Power according to different sizes. Manual for installation and use.
- Heater protection grille of Abachi wood.
- Outdoor Control panel.
- Silicone wiring 400 V III + N- wire + Ground wire.
- Air ventilation - ensuring a minimum of five air changes per hour.

SELECT:

Equipment STANDARD +:

- Touch control panel Xenio.
- Led strip light warm White 3000k.

Dimensions (mm)	STANDARD Code	SELECT Code
Saunas		
150 x 150 x 210	70431S	70431
200 x 150 x 210	70432S	70432
200 x 200 x 210	70433S	70433
250 x 200 x 210	70455S	70455
250 x 250 x 210	70434S	70434
300 x 250 x 210	70436S	70436
300 x 300 x 210	70437S	70437
400 x 300 x 210	70438S	70438

TECHNICAL FEATURES

Code	Dimensions (cm)	Power (kW)	Sauna panels						
			Hemlock Plywood	Nordic Spruce	White Pine	Thermo Aspen/ Alder/Pine	Red Cedar	Magnolia	Bench wood
70431	150 x 150 x 210	4.5kW 230/400 3~	N/A	Standard	Optional	Optional	Optional	N/A	Abachi
70432	200 x 150 x 210	6kW 230/400 3~							
70433	200 x 200 x 210	6kW 230/400 3~							
70455	250 x 200 x 210	8kW 230/400 3~							
70434	250 x 250 x 210	9kW 230/400 3~							
70436	300 x 250 x 210	10.5kW 230/400 3~							
70437	300 x 300 x 210	13.5kW 230/400 3~							
70438	400 x 300 x 210	16.5kW 230/400 3~							

SAUNAS





OUTDOOR

ASTRALPOOL

+ Beautiful design.
+ Wood of great quality.
+ Perfect detail.

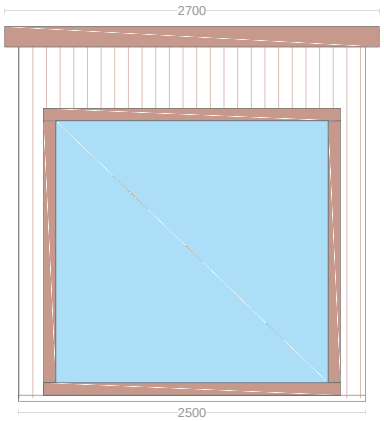
The equipment of the room contains:

- Construction of fir wood.
- Inside covering White Pine /Thermo Aspen verticalal panels 90x15mm.
- Floor grill made of Abachi 90x23mm.
- Two open Benches / two levels on one side/ with wall backrests, made of Abachi.
- Tempered glass 2x8mm on both sides of the door.
- Full glass sauna door in wooden frame(one and the same with door of Casetta).
- Sauna Led light below benches, warm white.
- Heater HARVIA Vega with outdoor touch control.
- Air ventilation.

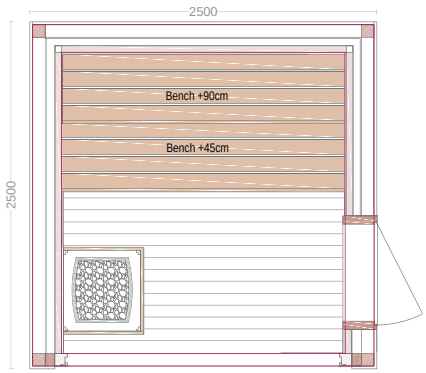
Wooden Outdoor Casetta

- 10cm wall and ceiling with Thermo Pine /Thermo Aspen outside, thermal isolation and hardboard inside.
- Full glass door in wooden frame (one and the same with door of sauna).
- Roof sloped with min. 10% inclination.
- Bitum isolation on roof (to be installed on place).
- Full glass package on both sides of the door.
- The Casetta should withstand the weight of 200 kg/m^2.

Dimensions (mm)	Code
Saunas	
On request	



Front view



Top view



BESPOKE

ASTRALPOOL

+ Wood Craftmen.

We custom build the Sauna for your project taking care of every detail and providing all our knowledge.

SAUNA ACCESSORIES



70443



70444



70446



70447



70450
70451



70453



70456



70457



2nd full glass side

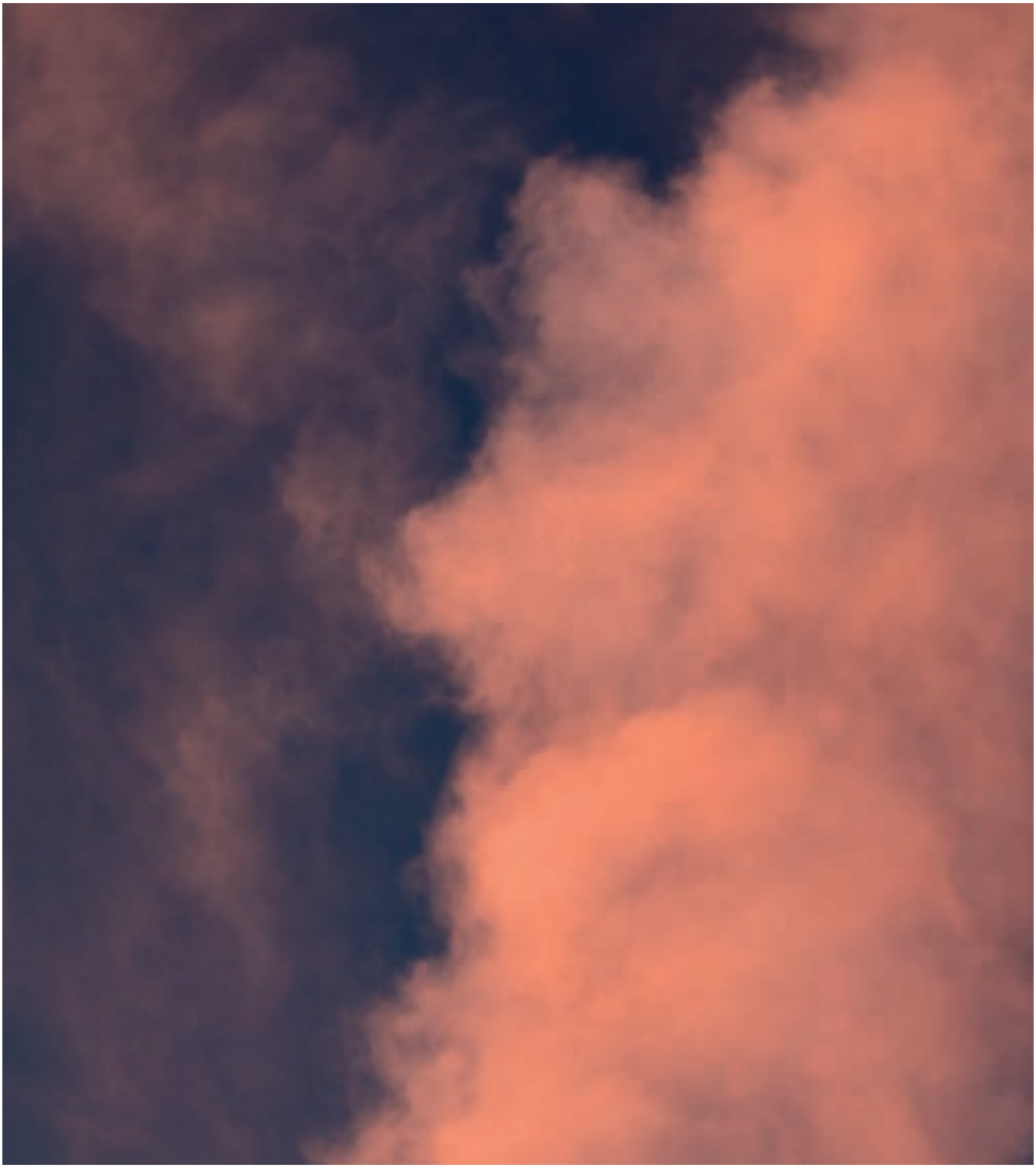


Heater safety railing

Code	Accessories	Measure	Classic	Miramonte	Innsbruck	St. Moritz	Lobos	Bella	Honey	Borro	Nera	Fiora	Essentia
70443	Stainless steel sauna accessories set	un.	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
70444	Salt decorative elements set	un.	Optional	Optional	Optional	Optional	Optional	N/A	N/A	N/A	N/A	N/A	Optional
70445	RGB Led lighting kit with remote control	un.	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
70446	Touchscreen control unit for sauna heater	un.	Optional	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
70447	Outside wall finished with vertical timber panels	lin.m.	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
70448	Roof extension	sq.m.	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
70449	Tintes/ transparent glass window	sq.m.	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
70450	Concealed heater for sauna up to 300 x 250cm	un.	Optional	Optional	Optional	Optional	Optional	N/A	N/A	Optional	N/A	N/A	N/A
70451	Concealed heater for sauna more than 300 x 250 cm	un.	Optional	Optional	Optional	Optional	Optional	N/A	N/A	Optional	N/A	N/A	N/A
70452	Additional wall for hidden water	lin.m.	Optional	Optional	Optional	Optional	Optional	N/A	N/A	Optional	N/A	N/A	N/A
70453	Aroma dosign system	un.	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
70456	Decorative wall protection made of stones	un.	Optional	Optional	Optional	Optional	Optional	N/A	N/A	N/A	Optional	Optional	N/A
70457	RGB Chromo therapy kit with remote control	un.	Optional	Optional	Optional	Optional	Optional	N/A	Optional	Optional	Optional	Optional	Optional
Request	2nd full glass side	sq.m.	N/A	N/A	N/A	N/A	Optional	Optional	Optional	N/A	N/A	N/A	N/A
Request	Glass roof panel	sq.m.	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	N/A	N/A	N/A
Request	Heater safety railing	un.	Standard	Optional	Standard	Standard	Standard	Optional	Standard	N/A	N/A	Standard	N/A

STEAM BATHS

+ Straight lines, refined and elegant design.
+ AstralPool's steam rooms offer exclusive designs adapted to the most advanced technology on the market. The use of prefabricated modules remove on-site construction issues and speeds up construction times. Capable of withstanding the extreme humidity and temperature produced by the steam generator.
+ AstralPool's steam rooms are a complete solution that includes all the elements of a wet sauna (structure, framing, lighting, glazing, steam unit, finishes, etc.), manufactured according to our standard models or tailored to the needs of each project.



STEAM BATHS





ASANA

ASTRALPOOL

+ Straight lines, sober and elegant design. AstralPool steam cabins offer the luxury of Italian design adapted to the most advanced technology in the market.

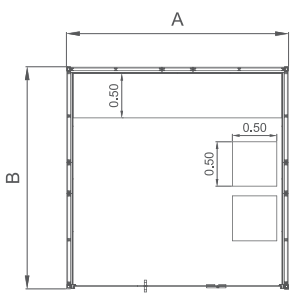
- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Ceiling: Vaulted ceiling made in black methacrylate modules of 3 mm, standing on anodized aluminium support, and tightenup with multicoated layers of polyester resin.
- Ceiling & underbench perimetral LED included.
- Diffuser in black lacquered.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel matt black.
- Frontal finishing: laminated glass (5+5) of 10 mm.
- Benches coated with large format porcelain in slate black Sirius (Group 1).
- Walls coated with large format porcelain in marble black Kelya (Group 2).
- 2 puffs are included.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium. Width 90 cm*.
- Control panel: Ecotouch
- Steam group included: Power according to model (optional: softener).
- Aromatherapy one essence included (optional up to 4 essences).

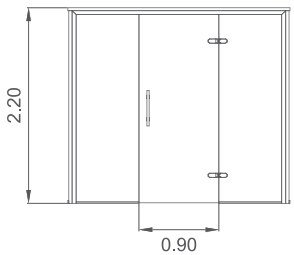
*Can vary according to customised design.

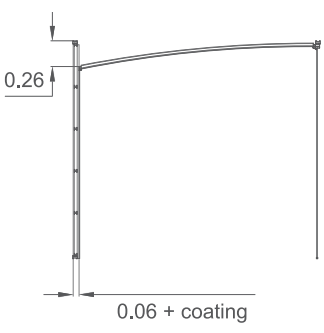
Dimensions (mm)	Code
Steam bath cabin	
200 x 200 x 220	73908
250 x 200 x 220	73909
250 x 250 x 220	73910
300 x 250 x 220	73911
300 x 300 x 220	73912

TECHNICAL FEATURES

Code	73908	73909	73910	73911	73912
Dimensions A-B (cm)	200 x 200 x 220	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Power	9 kW	9 kW	9 kW	12 kW	12 kW
Control	Ecotouch				
Wall finish	Kelya Porcelain (2)				
Bench finish	Sirius Porcelain (1)				
Accessories finish	Black Matte				
Ceiling	Black methacrylate				
Lighting	Warm white perimeter LED on ceiling and under benches				
Included accessories	2 puff				







STEAM BATHS





BANDHA

ASTRALPOOL

+ Straight lines, sober and elegant design. AstralPool steam cabins offer the luxury of Italian design adapted to the most advanced technology in the market.

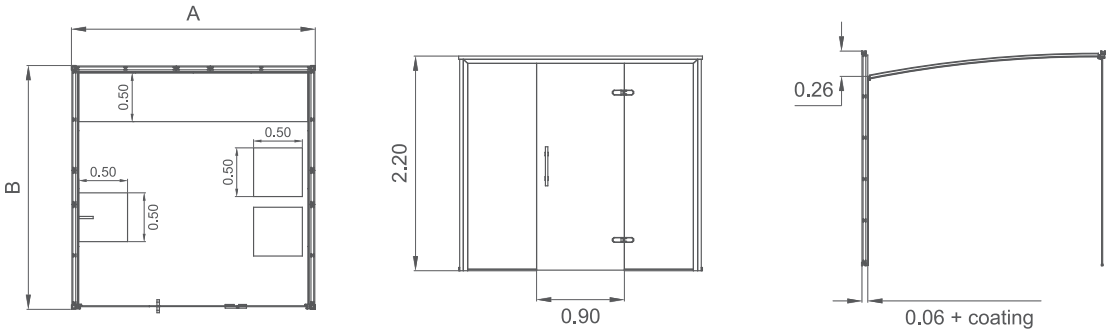
- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Ceiling: Vaulted ceiling made in wite methacrylate modules of 3 mm, standing on anodized aluminium support, and tightenup with multicoated layers of polyester resin.
- Ceiling & underbench perimetral LED included.
- Diffuser in Stainless Steel.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel.
- Frontal finishing: laminated glass (5+5) of 10 mm.
- Benches coated with large format porcelain in sand color Gada (Group 0).
- Walls coated with large format porcelain in sand color Gada (Group 0).
- 2 puffs are influded.
- Sink in porcelanic gada sand color is included.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium. Width 90 cm*.
- Control panel: Ecotouch
- Steam group included: Power according to model (optional: softener).
- Aromatherapy one essence included (optional up to 4 essences).

*Can vary according to customised design.

Dimensions (mm)	Code
Steam bath cabin	
250 x 200 x 220	73921
250 x 250 x 220	73922
300 x 250 x 220	73923
300 x 300 x 220	73924

TECHNICAL FEATURES

Code	73921	73922	73923	73924
Dimensions A-B (cm)	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Power	9 kW	9 kW	12 kW	12 kW
Control	Ecotouch			
Wall finish	Gada Porcelain (0)			
Bench finish	Gada Porcelain (0)			
Accessories finish	Stainless steel			
Ceiling	White methacrylate			
Lighting	Warm white perimeter LED on ceiling and under benches			
Included accessories	2 puff + 1 porcelain sink			



STEAM BATHS





CALA

ASTRALPOOL

+ Straight lines, sober and elegant design. AstralPool steam cabins offer the luxury of Italian design adapted to the most advanced technology in the market.

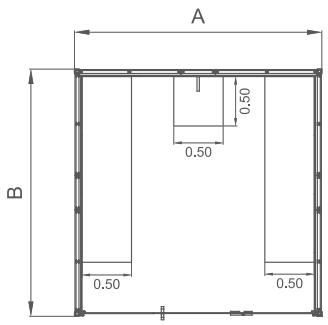
- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Ceiling: Vaulted ceiling made in black methacrylate modules of 3 mm, standing on anodized aluminium support, and tightenup with multicoated layers of polyester resin.
- Starry sky & underbench perimetral LED included.
- Diffuser in stainless steel.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel.
- Frontal finishing: laminated glass (5+5) of 10 mm.
- Benches coated with large format porcelain in stone grey Kreta (Group 2).
- Walls coated with large format porcelain in stone grey Kreta (Group 2), black Sirius (Group 1).
- Sink in sand color is included.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium. Width 90 cm*.
- Control panel: Ecotouch.
- Starry Sky is included in this model.
- Steam group included: Power according to model (optional: softener).
- Aromatherapy one essence included (optional up to 4 essences).

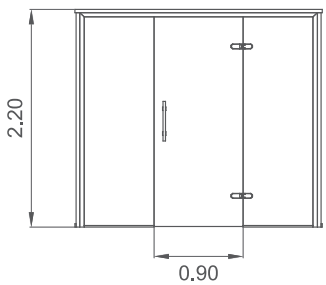
*Can vary according to customised design.

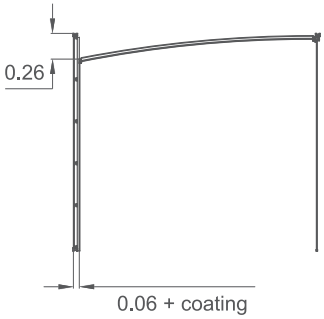
Dimensions (mm)	Code
Steam bath cabin	
250 x 200 x 220	73913
250 x 250 x 220	73914
300 x 250 x 220	73915
300 x 300 x 220	73916

TECHNICAL FEATURES

Code	73913	73914	73915	73916
Dimensions A-B (cm)	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Power	9 kW	9 kW	12 kW	12 kW
Control	Ecotouch			
Wall finish	Kreta Porcelain (2) + Sirius (1)			
Bench finish	Kreta Porcelain (2)			
Accessories finish	Stainless steel			
Ceiling	Black methacrylate			
Lighting	Starry sky + Warm white perimeter LED under bench			
Included accessories	Porcelain Sink			







STEAM BATHS





HARA

ASTRALPOOL

+ Straight lines, sober and elegant design. AstralPool steam cabins offer the luxury of Italian design adapted to the most advanced technology in the market.

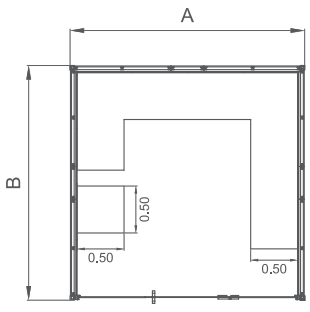
- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Ceiling: Vaulted ceiling made in black methacrylate modules of 3 mm, standing on anodized aluminium support, and tightenup with multicoated layers of polyester resin.
- Starry Sky & underbench perimetral LED included.
- Diffuser in black lacquered.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel matt black.
- Frontal finishing: laminated glass (5+5) of 10 mm.
- Frontal finishing Benches coated with large format porcelain in Nilium (Group 2).
- Walls coated with large format porcelain in Radium (Group 2).
- 1 Puff is included.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium black matte.
- Control panel: Ecotouch.
- Starry Sky is included in this model.
- Steam group included: Power according to model (optional: softener).
- Aromatherapy one essence included (optional up to 4 essences).

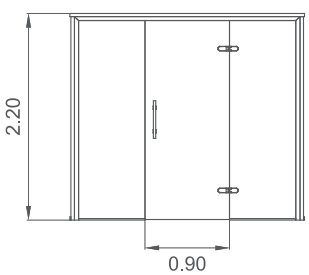
*Can vary according to customised design.

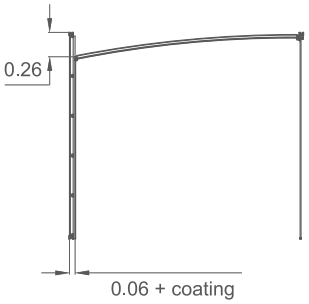
Dimensions (mm)	Code
Steam bath cabin	
250 x 250 x 220	73925
300 x 250 x 220	73926
300 x 300 x 220	73927

TECHNICAL FEATURES

Code	73925	73926	73927
Dimensions A-B (cm)	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Power	9 kW	12 kW	12 kW
Control	Ecotouch		
Wall finish	Radium Porcelain (2)		
Bench finish	Nilium Porcelain (2)		
Accessories finish	Black Matte		
Ceiling	Black methacrylate		
Lighting	Starry sky + Warm white perimeter LED under bench		
Included accessories	1 puff		







STEAM BATHS





SUTRA

ASTRALPOOL

+ Straight lines, sober and elegant design. AstralPool steam cabins offer the luxury of Italian design adapted to the most advanced technology in the market.

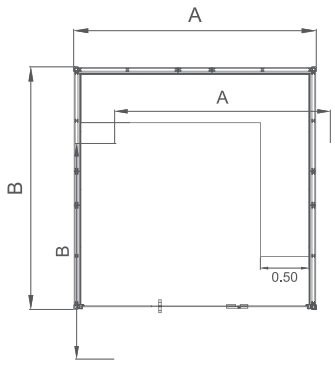
- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Ceiling: Vaulted ceiling made in white methacrylate modules of 3 mm, standing on anodized aluminium support, and tightenup with multicoated layers of polyester resin.
- Ceiling & underbench perimetral LED included.
- Diffuser in black lacquered.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel matt black.
- Frontal finishing: laminated glass (5+5) of 10 mm.
- Benches coated with large format porcelain in Kairos (Group 3).
- Walls coated with white solid surface.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium. Width 90 cm*.
- Control panel: Ecotouch
- Steam group included: Power according to model (optional: softener).
- Aromatherapy one essence included (optional up to 4 essences).

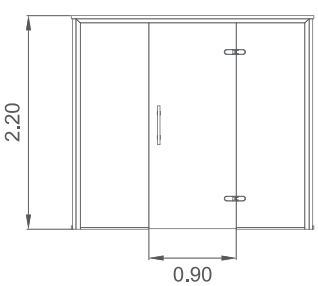
*Can vary according to customised design.

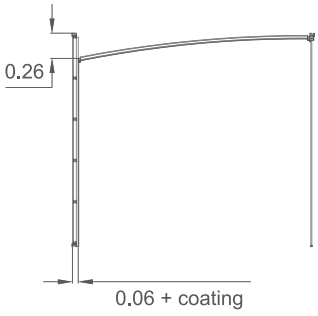
Dimensions (mm)	Code
Steam bath cabin	
250 x 200 x 220	73917
250 x 250 x 220	73918
300 x 250 x 220	73919
300 x 300 x 220	73920

TECHNICAL FEATURES

Code	73917	73918	73919	73920
Dimensions A-B (cm)	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Power	9 kW	9 kW	12 kW	12 kW
Control	Ecotouch			
Wall finish	White solid surface			
Bench finish	Kairos Porcelain (3)			
Accessories finish	Black Matte			
Ceiling	White methacrylate			
Lighting	Warm white perimeter LED on ceiling and under benches			
Included accessories	-			









BESPOKE

ASTRALPOOL

+ At Fluidra we are aware that each project is unique and each place an experience. For this reason, we want to make it easy for you, manufacturing your ideal steam bath according to the needs of your project. A complete customized solution for the most demanding projects.
+ AstralPool's customizable option offers an infinite number of combinations: choose the ceiling finish, lighting, framing, benches, walls, as well as the interior layout and multiple accessories.

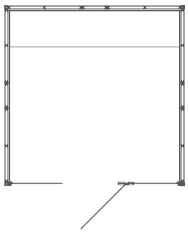
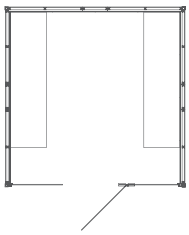
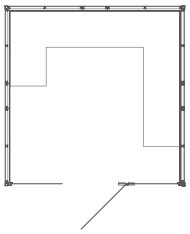
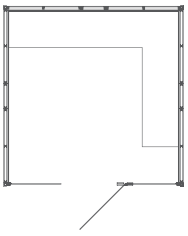
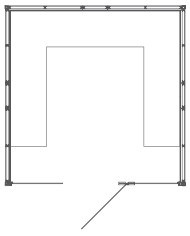
CREATE THE CUSTOMIZABLE CODE

Digits	12345	-	6	7-8	9-10	11	12	13	14
	BASE CODE (eg. 74023)		BENCH SETTINGS (eg. C)	BENCH FINISHES (eg. SS)	WALL FINISHES (eg. SS)	FRAMING (eg. P)	CEILING (eg. 5)	Optionals (eg. L)	Optional 2

BASE CODE (DIGITS 1-5)

Code	74023	74024	74026	74027	74028
Dimensions A-B (cm)	200 x 200 x 220	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Power	9 kW	9 kW	9 kW	12 kW	12 kW
Control	Ecotouch				

BENCH SETTINGS (DIGIT 6)

A	B	C	D	E
				

BENCH AND WALL FINISHES (DIGITS 7-8, 9-10)

SR	Unlined
SS	Solid surface
*	Large format porcelain

* Large format porcelain finishes and codes on pag. 422

FRAMING (DIGIT 11)

I	Satin Stainless Steel	
P	Matte Silver	
B	Black paint	

BESPOKE

ASTRALPOOL

CEILING (DIGIT 12)

1	White methacrylate	
2	Black methacrylate	
3	White methacrylate + LED	
4	Black methacrylate + LED	
5	White methacrylate + starry sky	
6	Black methacrylate + starry sky	

OPTIONALS (DIGITS 13, 14)

L	Sink	
1	1 Puff	
2	2 Puff	
B	Water softener	



STEAM ROOM CONTROL PANEL

ASTRALPOOL

+ Electronic control panel with multi-language navigation for domestic and professional steam rooms.

ICE CABINS

+ Create unique and harmonious spaces with the ice range.
+ Capable of withstanding extreme humidity and temperature, AstralPool's ice rooms feature compact ice spraying equipment that can generate, through a programmed dosing system and combined with cold production, an entire wall of compact ice between 5 and 10 cm thick.
+ Its prefabricated module construction eliminates installation errors, offering a complete solution that includes all the elements you need (structure, framing, lighting, glazing, steam unit, finishes, etc.).
+ Choose the standard model that best fits your project or work with us to create your perfect custom cabin.



ICE CABINS



ASANA

+ Straight lines, sober and elegant design. AstralPool ice cabins provide the necessary temperature contrast in a wellness circuit following the aesthetics of your steam bath lines.

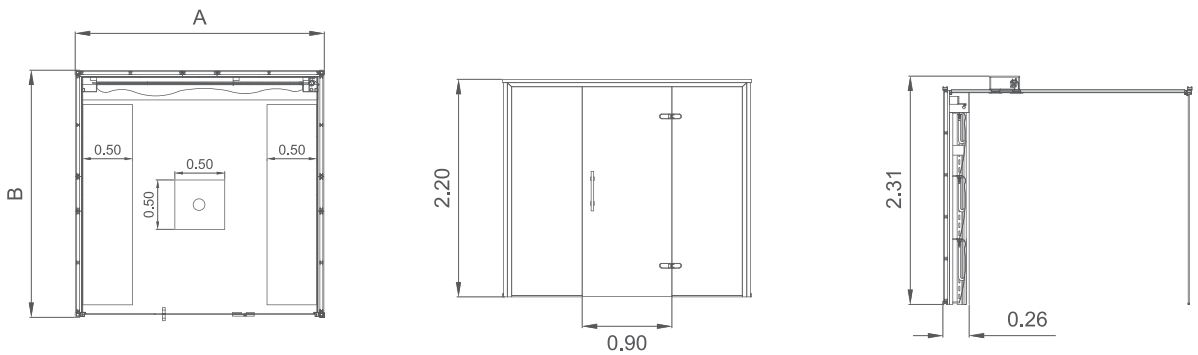
- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Water sprayed compacted ice wall, made with gas cooling coil system on an aluminium structure.
- Benches coated with large format porcelain in slate black Sirius (Group 1).
- Walls coated with large format porcelain in marble black Kelya (Group 2).
- Ice Fountain and ice sink included in ASANA
- Ceiling: Vaulted ceiling made in blackmethacrylate modules of 3 mm, standing on anodized aluminium support, and tighten up with multicoated layers of polyester resin.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel matt black.
- Frontal finishing: laminated glass (5+5) of 10Mmm.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium matt black Width 90 cm*

*Can vary according to customised design.

Dimensions (mm)	Code
Ice cabin	
250 x 200 x 220	73928
250 x 250 x 220	73929
300 x 250 x 220	73930
300 x 300 x 220	73931

TECHNICAL FEATURES

Code	73928	73929	73930	73931
Dimensions A-B (cm)	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Ice Wall	2.5 m	2.5 m	2.5 m	2.5 m
Power	1.85 kW	1.85 kW	1.85 kW	1.85 kW
Control	Touch screen			
Wall finish	Kelya Porcelain			
Bench finish	Sirius Porcelain			
Accessories finish	Matte Black			
Ceiling	Black methacrylate			
Lighting	Warm white perimeter LED on ceiling and under benches			
Included accessories	Ice Fountain roof + container			



ICE CABINS





BANDHA

+ Straight lines, sober and elegant design. AstralPool ice cabins provide the necessary temperature contrast in a wellness circuit following the aesthetics of your steam bath lines.

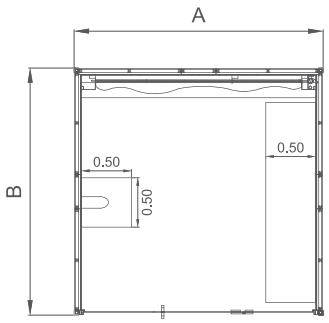
- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Water sprayed compacted ice wall, made with gas cooling coil system on an aluminium structure.
- Benches coated with large format porcelain in sand color Gada(Group 0).
- Walls coated with large format porcelain in sand color Gada (Group 0).
- Wall Ice Fountain and ice sink included in Bandha.
- Ceiling: Vaulted ceiling made in white methacrylate modules of 3 mm, standing on anodized aluminium support, and tighten up with multicoated layers of polyester resin.
- Perimetral strip light under benches.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel.
- Frontal finishing: laminated glass (5+5) of 10Mmm.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium. Width 90 cm*

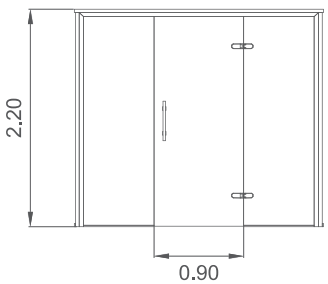
*Can vary according to customised design.

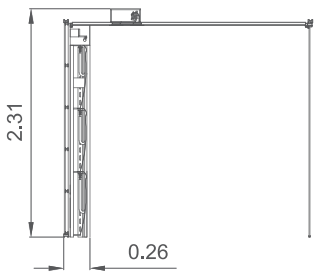
Dimensions (mm)	Code
Ice cabin	
250 x 200 x 220	73883
250 x 250 x 220	73884
250 x 250 x 220	73885
300 x 250 x 220	73886
300 x 300 x 220	73887

TECHNICAL FEATURES

Code	73883	73884	73885	73886	73887
Dimensions A-B (cm)	250 x 200 x 220	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Ice Wall	2.0 m	2.5 m	2.5 m	2.5 m	2.5 m
Power	1.20 kW	1.85 kW	1.85 kW	1.85 kW	1.85 kW
Control	Touch screen				
Wall finish	Gada Porcelain				
Bench finish	Gada Porcelain				
Accessories finish	Stainless steel				
Ceiling	Whie methacrylate				
Lighting	Warm white perimeter LED on ceiling and under benches				
Included accessories	Ice Fountain wall + container				







ICE CABINS





CALA

ASTRALPOOL

+ Straight lines, sober and elegant design. AstralPool ice cabins provide the necessary temperature contrast in a wellness circuit following the aesthetics of your steam bath lines.

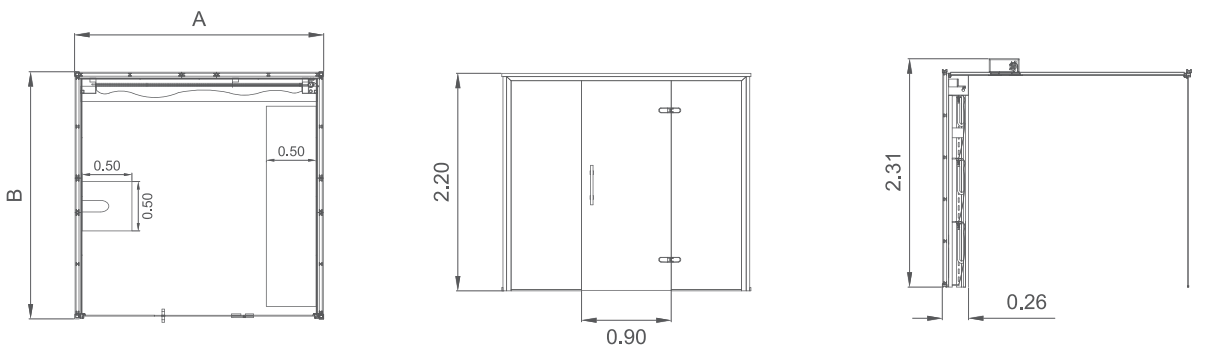
- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Water sprayed compacted ice wall, made with gas cooling coil system on an aluminium structure.
- Benches coated with large format porcelain in stone grey Kreta(Group 2).
- Walls coated with large format porcelain in stone grey Kreta(Group 2).
- Wall Ice Fountain and ice sink included in CALA.
- Ceiling: Vaulted ceiling made in black methacrylate modules of 3 mm, standing on anodized aluminium support, and tighten up with multicoated layers of polyester resin.
- Perimetral strip light under benches.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel.
- Frontal finishing: laminated glass (5+5) of 10Mmm.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium. Width 90 cm*

*Can vary according to customised design.

Dimensions (mm)	Code
Ice cabin	
200 x 200 x 220	73932
250 x 200 x 220	73933
250 x 250 x 220	73934
300 x 250 x 220	73935
300 x 300 x 220	73936

TECHNICAL FEATURES

Code	73932	73933	73934	73935	73936
Dimensions A-B (cm)	200 x 200 x 220	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Ice Wall	2.0 m	2.5 m	2.5 m	2.5 m	2.5 m
Power	1.20 kW	1.85 kW	1.85 kW	1.85 kW	1.85 kW
Control	Touch screen				
Wall finish	Kreta Porcelain + Sirius				
Bench finish	Kreta Porcelain				
Accessories finish	Stainless steel				
Ceiling	Black methacrylate				
Lighting	Starry sky + Warm white perimeter LED under bench				
Included accessories	Ice Fountain wall + container				



ICE CABINS





HARA

+ Straight lines, sober and elegant design. AstralPool ice cabins provide the necessary temperature contrast in a wellness circuit following the aesthetics of your steam bath lines.

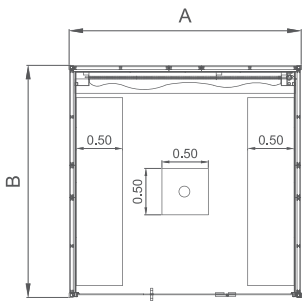
- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Water sprayed compacted ice wall, made with gas cooling coil system on an aluminium structure.
- Benches coated with large format porcelain in Nilium (Group 2).
- Walls coated with large format porcelain in Radium(Group 2).
- Ceiling Ice Fountain and ice sink included in HARA
- Ceiling: Vaulted ceiling made in black methacrylate modules of 3 mm, standing on anodized aluminium support, and tighten up with multicoated layers of polyester resin.
- Perimetral strip light under benches.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel matt black.
- Frontal finishing: laminated glass (5+5) of 10Mmm.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium matt black. Width 90 cm*

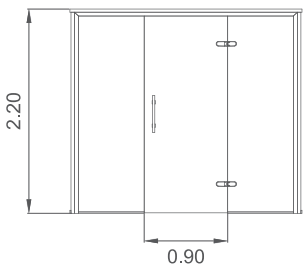
*Can vary according to customised design.

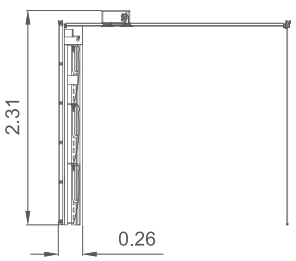
Dimensions (mm)	Code
Ice cabin	
250 x 200 x 220	73888
250 x 250 x 220	73889
300 x 250 x 220	73890
300 x 300 x 220	73891

TECHNICAL FEATURES

Code	73888	73889	73890	73891
Dimensions A-B (cm)	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Ice Wall	2.5 m	2.5 m	2.5 m	2.5 m
Power	1.85 kW	1.85 kW	1.85 kW	1.85 kW
Control	Touch screen			
Wall finish	Radium Porcelain			
Bench finish	Nilium Porcelain			
Accessories finish	Black Matte			
Ceiling	Black methacrylate			
Lighting	Starry sky + Warm white perimeter LED under bench			
Included accessories	Ice Fountain roof + container			







ICE CABINS





SUTRA

ASTRALPOOL

+ Straight lines, sober and elegant design. AstralPool ice cabins provide the necessary temperature contrast in a wellness circuit following the aesthetics of your steam bath lines.

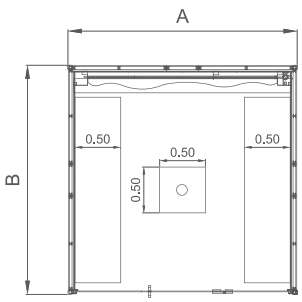
- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Water sprayed compacted ice wall, made with gas cooling coil system on an aluminium structure.
- Benches coated with large format porcelain in Kairos (Group 3).
- Walls coated with solid surface.
- Ceiling Ice Fountain and ice sink included in SUTRA.
- Ceiling: Vaulted ceiling made in white methacrylate modules of 3 mm, standing on anodized aluminium support, and tighten up with multicoated layers of polyester resin.
- Perimetral strip light under benches.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel matt black.
- Frontal finishing: laminated glass (5+5) of 10Mmm.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium matt black. Width 90 cm*
- Water consumption: max 2100 l (1 time).
- Wall thickness (cm): 6 - 10.

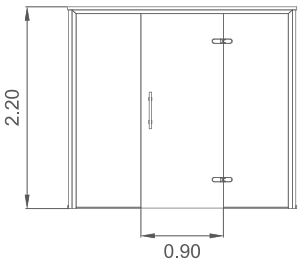
*Can vary according to customised design.

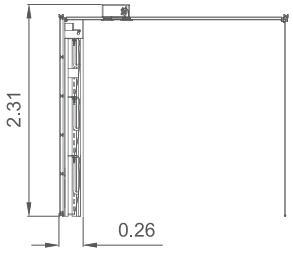
Dimensions (mm)	Code
Ice cabin	
250 x 200 x 220	73937
250 x 250 x 220	73938
300 x 250 x 220	73939
300 x 300 x 220	73940

TECHNICAL FEATURES

Code	73937	73938	73939	73940
Dimensions A-B (cm)	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Ice Wall	2.5 m	2.5 m	2.5 m	2.5 m
Power	1.85 kW	1.85 kW	1.85 kW	1.85 kW
Control	Touch screen			
Wall finish	White solid surface			
Bench finish	Kairos Porcelain			
Accessories finish	Black Matte			
Ceiling	White methacrylate			
Lighting	Warm white perimeter LED on ceiling and under benches			
Included accessories	Ice Fountain roof + container			







ICE CABINS



CUSTOMIZABLE ice cabin

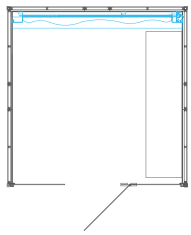
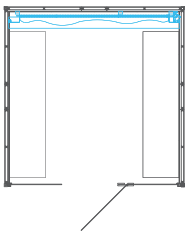
ASTRALPOOL

+ Straight lines, sober and elegant design. AstralPool ice cabins provide the necessary temperature contrast in a wellness circuit following the aesthetics of your steam bath lines.

- Wall modules: Manufactured with double high density expanded polystyrene panel on an anodized aluminum structure.
- Water sprayed compacted ice wall, made with gas cooling coil system on an aluminium structure.
- Walls and bench: Ultra-compact large format porcelain material (or ready to coat).
- Ceiling: Vaulted ceiling made in methacrylate modules of 3 mm, standing on anodized aluminium support, and tighten up with multicoated layers of polyester resin.
- Difusor en acero inoxidable/plata mate/ negro mate. Perimetral strip light under benches.
- Lower and upper ring: Anodized aluminum.
- Handle: Tubular stainless steel / matt black.
- Frontal finishing: laminated glass (5+5) of 10Mmm.
- Door: Made of tempered glass of 8 mm, hinges of anodized aluminium. Width 55 cm*.

*Can vary according to customised design.

BENCH SETTINGS (DIGIT 6)

A	B
	

CREATE THE CUSTOMIZABLE CODE

Digits	12345	-	6	7-8	9-10	11	12	13	14
	BASE CODE (eg. 74029)		BENCH SETTINGS (eg. C)	BENCH FINISHES (eg. 3F)	WALL FINISHES (eg. SS)	FRAMING (eg. B)	CEILING (eg. 5)	Optional 1 (eg. J)	Optional 2

BASE CODE (DIGITS 1-5)

Code	74029	74030	74031	74032	74033
Dimensions A-B (cm)	200 x 200 x 220	250 x 200 x 220	250 x 250 x 220	300 x 250 x 220	300 x 300 x 220
Ice Wall	2 m	2.5 m	2.5 m	2.5 m	2.5 m
Power	1.20 kW	1.85 kW	1.85 kW	1.85 kW	1.85 kW
Control	Touch screen				

BENCH AND WALL FINISHES (DIGITS 7-8, 9-10)

SR	Unlined
SS	Solid surface
*	Large format porcelain

* Large format porcelain finishes and codes on pag. 422

ICE CABINS

CUSTOMIZABLE ice cabin

FRAMING (DIGIT 11)

I	Satin Stainless Steel	
P	Matte Silver	
B	Black paint	

OPTIONALS (DIGITS 13, 14)

L	Ice container
1	1 Puff
2	2 Puff
H	Ice fountain wall
Y	Ice fountain roof
J	Ice fountain wall + container
K	Ice fountain roof + container

CEILING (DIGIT 12)

1	White methacrylate	
2	Black methacrylate	
3	White methacrylate + LED	
4	Black methacrylate + LED	
5	White methacrylate + starry sky	
6	Black methacrylate + starry sky	

ICE FOUNTAIN





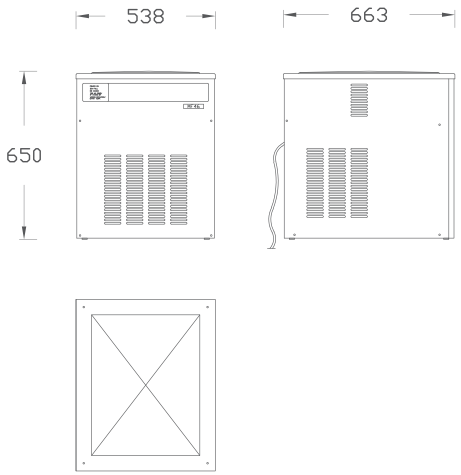
ICE MAKER KIT

+ AstralPool's ice maker kit is a robust and efficient piece of equipment that includes everything you need to quickly install and run the equipment, from the ice crusher to the stainless steel dispenser.

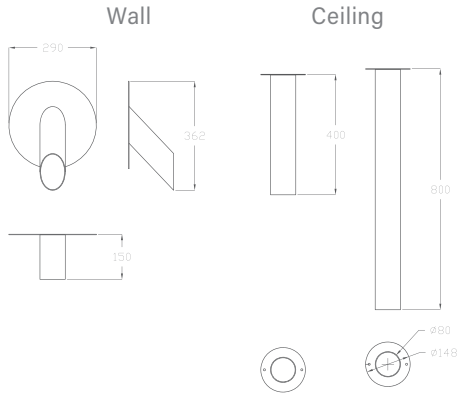
- Available in two versions: Installation with ceiling dispenser and installation with wall dispenser.

Ice generator Kit	Code
Ice Fountain	
Stainless steel ceiling	73892
Matte Black ceiling	73894
Stainless steel wall	73893
Matte Black wall	73895

ICE MAKER MACHINE



ICE DROP TUBE



KIT CONTENT - WALL

- Ice Chopping Machine 200 (kg/24h)
- Roof ice dispenser 150 x 80 x 2 made of 316 stainless steel with glossy or matte black finish.
- Wall fixing photocell.
- Support brackets for cutting machine.
- Ice level control equipment.
- Ice sink not included.

KIT CONTENT - CEILING

- Ice Chopping Machine 200 (kg/24h)
- Roof ice dispenser 150 x 80 x 2 made of 316 stainless steel with glossy or matte black finish.
- Wall fixing photocell.
- Support brackets for cutting machine.
- Ice level control equipment.
- Ice sink not included.

ICE FOUNTAIN



Asana



Sutra



Hara



Brandha



Cala

ICE CONTAINER

ASTRALPOOL

+ Straight and elegant lines AstralPool ice sink is the perfect addition to the Ice Generator Kit.

+ Its design aligned to the range of Steam Baths and Ice Cabins creates clean and homogeneous spaces.

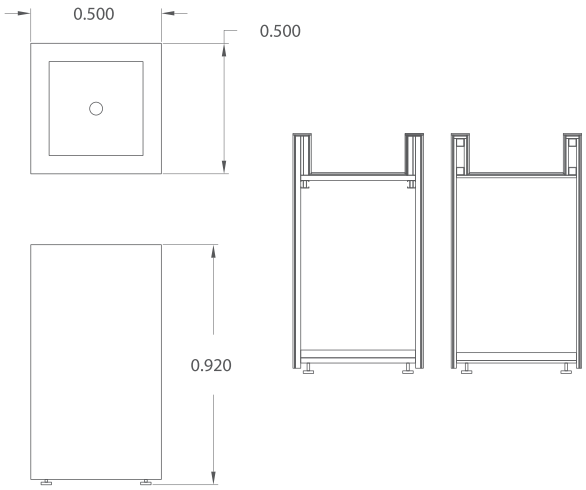
- Container made of large format porcelain. Lower base ring in anodized aluminum. 20 L capacity.

- ASANA: Coated in slate black large format porcelain Sirius (group 1)
- BANDHA: Coated in large formats sand porcelain Gada (Group 0).
- CALA: Coated in large gray stone porcelain Kreta (Group 2).
- HARA: Coated in large format porcelain Nilium (Group 2).
- SUTRA: Coated in large-format porcelain Kairos (Group 3).

	Code
Ice Container	
Asana	73896
Cala	73897
Sutra	73898
Bandha	73899
Hara	73900
Customizable	74034

The customizable option is available in any of the customizable finishes for steam and ice rooms.

ICE DROP TUBE



LARGE FORMAT PORCELAIN

Enhance your ready-to-finish rooms or loungers with AstralPool's range of ceramic tiles.

GROUP 0


0A - Aldem

0B - Blanc concrete


0C - Gada


0D - Qatar


0E - Sirocco


0F - Vegha

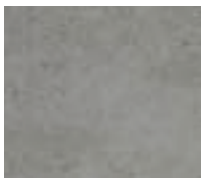
GROUP 1

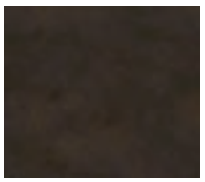

1A - Bromo


1B - Danae


1C - Edora


1D - Fossil


1E - Keon


1F - Keranium


1G - Milar

1H - Nayla

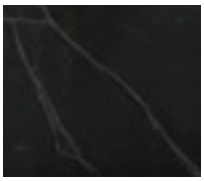
1I - Sasea


1J - Sirius

GROUP 2


2A - Domoos


2B - Galema


2C - Kelya


2D - Kira


2E - Korus


2F - Kovik


2G - Kreta


2H - Laos

2I - Lunar


2J - Makai


2K - Manhattan


2L - Nilium


2M - Orix


2N - Radium


2O - Soke


2P - Strato


2Q - Trilium


2R - Ventus


2S - Vera

2T - Vienna

PORCELAIN & CERAMICS

LARGE FORMAT PORCELAIN

ASTRALPOOL

GROUP 3



3A - Aura



3B - Blaze



3C - Entzo

3D - Fiord

3E - Glacier



3F - Kairos



3G - Korso



3H - Lumina



3I - Opera



3J - Portum



3K - Sogne



3L - Splendor

3M - Tundra

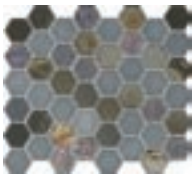
3N - Zenith

CERAMICS

ASTRALPOOL

Enhance your ready-to-finish rooms or loungers with AstralPool's range of ceramic tiles.

SIXTIES



GREY
32 x 29 cm.
12.60" x 11.42"
GREY60F D3



PINK
32 x 29 cm.
12.60" x 11.42"
PINK60F D3



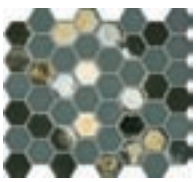
WHITE
32 x 29 cm.
12.60" x 11.42"
WHIT60F D3



BURGUNDY
32 x 29 cm.
12.60" x 11.42"
BURG60F D3



MUSTARD
32 x 29 cm.
12.60" x 11.42"
MUST60F D



KHAKI
32 x 29 cm.
12.60" x 11.42"
KHAK60F D3



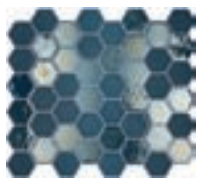
PEARL TAUPE
32 x 29 cm.
12.60" x 11.42"
G33560F D3



TAUPE
32 x 29 cm.
12.60" x 11.42"
TAUP60F D3



TURQUOISE
32 x 29 cm.
12.60" x 11.42"
TURQ60F D3



BLUE
32 x 29 cm.
12.60" x 11.42"
BLUE60F D3

CERAMICS

ASTRALPOOL

SIXTIES MATT



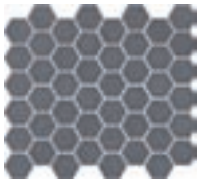
MATT WHITE
32 x 29 cm
12.60" x 11.42
MA1860F D3



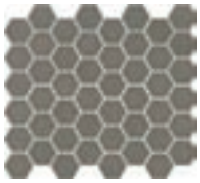
MATT BLACK
32 x 29 cm.
12.60" x 11.42
MA3060F D3



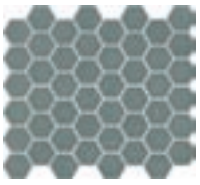
MATT IVORY
32 x 29 cm.
12.60" x 11.42
MA3160F D3



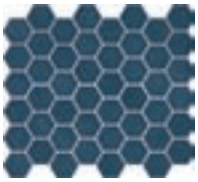
MATT GREY
32 x 29 cm.
12.60" x 11.42
MA2260F D3



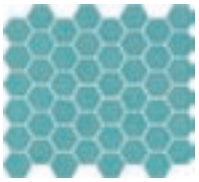
MATT TAUPE
32 x 29 cm.
12.60" x 11.42
MA2360F D3



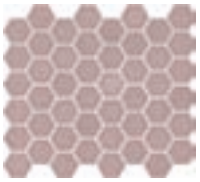
MATT KHAKI
32 x 29 cm.
12.60" x 11.42
MA2160F D3



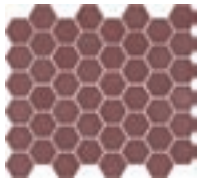
MATT BLUE
32 x 29 cm.
12.60" x 11.42"
MA2660F D3



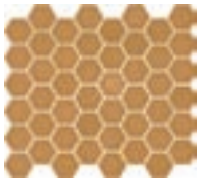
MATT TURQUOISE
32 x 29 cm.
12.60" x 11.42"
MA2060F D3



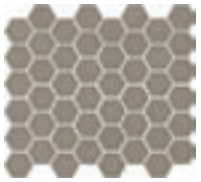
MATT PINK
32 x 29 cm.
12.60" x 11.42"
MA1960F D3



MATT BURGUNDY
32 x 29 cm.
12.60" x 11.42"
MA2560F D3



MATT MUSTARD
32 x 29 cm.
12.60" x 11.42"
MA2460F D3



MATT SAND
32 x 29 cm.
12.60" x 11.42
MA3260F D3

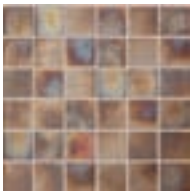
IRON 5X5



GOLD
31 x 31 cm.
12.20" x 12.20"
GOLD50F B10



OXID
31 x 31 cm.
12.20" x 12.20"
OXID50F B10



BRONZE
31 x 31 cm.
12.20" x 12.20"
BRON50F B10



COPPER
31 x 31 cm.
12.20" x 12.20"
COPP50F B9



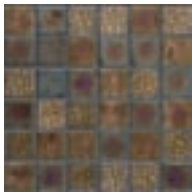
SILVER
31 x 31 cm.
12.20" x 12.20"
SILV50F B10



STEEL
31 x 31 cm.
12.20" x 12.20"
STEE50F B9



HERMES 5X5
31 x 31 cm.
12.20" x 12.20"
HERM50F B10



TERRA 5X5
31 x 31 cm.
12.20" x 12.20"
TERR50F B10

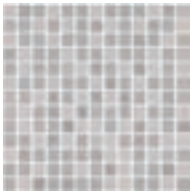
CERAMICS

ASTRALPOOL

MIX DECOR



TOKYO
33.4 x 33.4 cm.
13.15" x 13.15"
33% **MA09**
33% **MT05**
33% **G312**
TOKY25Y L5



MILAN
33% **MA13**
33% **MT07**
33% **G329**
MILA25Y L5



DURBAN
33.4 x 33.4 cm.
13.15" x 13.15"
33% **MA14**
33% **MT08**
33% **G330**
DURB25Y L5

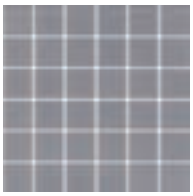


PARIS
33.4 x 33.4 cm.
13.15" x 13.15"
33% **WHITE FOG**
33% **MT04**
33% **G305**
PARI25Y L4



SYDNEY
33.4 x 33.4 cm.
13.15" x 13.15"
33% **WHITE FOG**
33% **MT01**
33% **G328**
SYDN25Y L4

SILK/5ILK



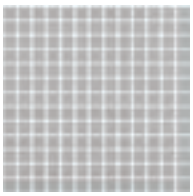
558 ANTI-SLIP
31 x 31 cm.
12.20" x 12.20"
055850A B8

WHITE
ANTI-SLIP
31 x 31 cm.
12.20" x 12.20"
BNCO50A B8

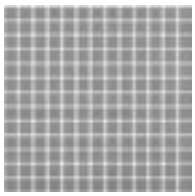


SAND
ANTI-SLIP
31 x 31 cm.
12.20" x 12.20"
AREN50A B8

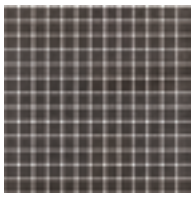
WHITE
ANTI-SLIP
33.4 x 33.4 cm.
13.15" x 13.15"
BNCO25AY B1



LIGHT GREY
ANTI-SLIP
33.4 x 33.4 cm.
13.15" x 13.15"
GRCL25AY B3

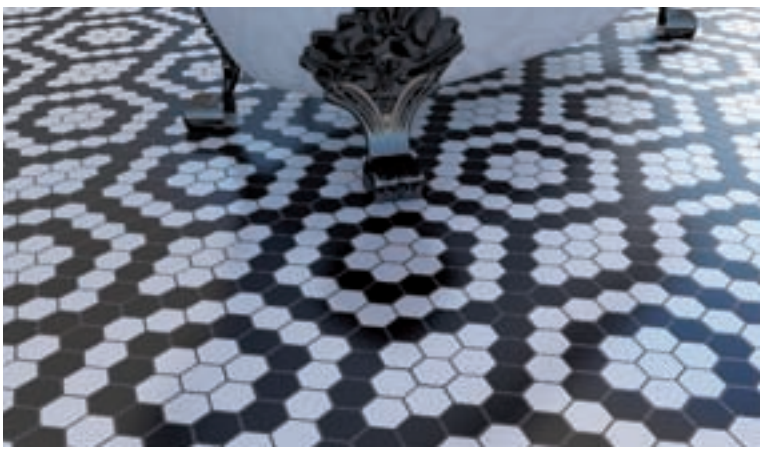


258 ANTI-SLIP
33.4 x 33.4 cm.
13.15" x 13.15"
025825AY B3

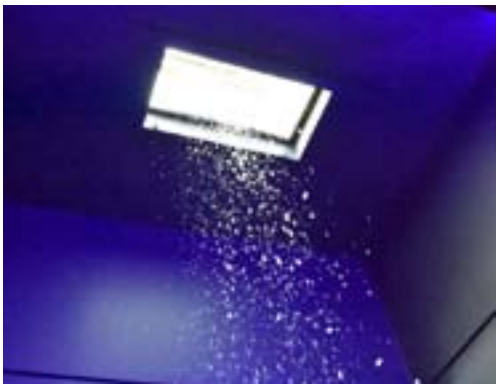


BLACK ANTI-SLIP
33.4 x 33.4 cm.
13.15" x 13.15"
NEGR25AY B3





SNOW MACHINE



SNOWPRO

ASTRALPOOL

+ Feel the winter caressing your skin with Snowpro.
+ Produces the finest quality natural snow and features advanced technology for use in ambient temperatures up to 45ºC.
+ Combine Snowpro with a custom-made room for your project.
+ Reinforce your inner peace and let relaxation take over. A subtle contrast between temperature and texture that transports you to a different world, a comfortable yet motivating place.

	Code
Snow Machine	
Snowfall 05L	73945
Snowfall 08W	73946
Snowfall 016W	73947
Snowfall 25W	73948
Snowfall 32W	73949

TECHNICAL FEATURES

Model	Snowfall 05L	Snowfall 08W	Snowfall 16W	Snowfall 25W	Snowfall 32W
Code	73945	73946	73947	73948	73949
GENERAL					
Size	650 x 650 x 437 mm	910 x 830 x 480 mm	910 x 830 x 480 mm	910 x 830 x 900 mm	2 x 910 x 830 x 480 mm 1 x 680 x 830 x 480 mm
Size (condenser)	650 x 650 x 468 mm				
Weight	80 kg	90 kg	90 kg	125 kg	190 kg
Refrigeration	Air	Water	Water	Water	Water
Connection	230 V	230 V	230 V	400 V	400 V
Power	0.9 kW / 3.4 A	0.9 kW / 7.2 A	1.1 kW / 7.2 A	2.4 kW / 4.5 A	2.8 kW / 5.1 A
SNOW					
Quality	Natural	Natural	Natural	Natural	Natural
Weight	appx 140 kg/m^3	appx 140 kg/m^3	appx 140 kg/m^3	appx 140 kg/m^3	appx 140 kg/m^3
Flow	appx 0.7 m^3 / d	appx 1.2 m^3 / d	appx 2.3 m^3 / d	appx 3.4 m^3 / d	appx 4.6 m^3 / d
TEMPERATURE					
Snow coverage	max. +45°C	max. +45°C	max. +45°C	max. +45°C	max. +45°C
Installation space	max. +35°C	max. +35°C	max. +35°C	max. +35°C	max. +35°C
OPTIONAL					
Snow / LED Lighting	✓	✓	✓	✓	✓
Snow height sensor	✓	✓	✓	✓	✓
Auto on / off	✓	✓	✓	✓	✓

SNOW MACHINE

SNOWPRO





WELLNESS

WATER

430 EMOTIONAL SHOWERS
432 Sense Pro
433 Aqua
434 Infinity
435 Vita

437 EMOTIONAL TUNNELS
437 Aqua
438 Infinity
439 Vita

440 CONTRAST SHOWERS
440 Bucket
440 Cold
440 Hot & Cold

441 HORIZONTAL SHOWERS

442 KNEIPP

444 MINI CONTRAST POOLS
444 One
444 Two

446 VITALITY POOLS
447 Optimal / Wellness / Comfort / Sport
449 Playa / Playa Living

450 HYDRO LEISURE ELEMENTS

470 SPA RANGE

472 STAINLESS STEEL SPAS
472 Vulcano
472 Mercurio
473 Venus
473 Neptuno
474 Zeus
474 Apolo 6
475 Apolo 8
475 Apolo 10

476 ACRYLIC SPAS
476 Odisea 20
476 Mirage 40
477 Roma
477 Tokyo 70
478 Verona
478 Olympia
479 Hotel Spa

482 KITS FOR SPAS
482 Optional Kits for spas

483 COMPLEMENTS FOR SPAS

484 NORDIC BATHS

ASTRALPOOL

EMOTIONAL SHOWERS

+ Hydrotherapy helps treat the most diverse illnesses, practically any ailment you can imagine, using pressure exerted on the body, simple showers or ones that use certain products, the top-down effect of jets, and localized therapy that stimulates the metabolism, nervous system, and blood flow by either holistically treating the body or with a more targeted solution using water with contrasting temperatures.
+ AstralPool's range of treatment showers features top-of-the-line parts. Designed for professional use, they are low-maintenance, easy to install, and equipped for long-term use.

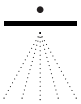


EMOTIONAL SHOWERS

The emotional showers and tunnels combines fully programmed water, light, and temperature effects. The perfect fit for designs that incorporate water and moods created by lights, sounds, and fragrances.

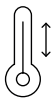
TYPES OF JETS

ASTRALPOOL

	RAIN Delicate on the skin, the rain jet tickles it causing a pleasant, stimulating and relaxing sensation.		NEBULIZED The nebulized jet slips in the environment, wrapping the body in a cosy and regenerating cloud of water.		TROPICAL A constant and powerful jet, with an embracing and revitalizing effect, massaging the body and recharging its energy.
	WATERFALL The powerful gesture of the waterfall absorbs us and, through the skin contact, communicates its energizing force to the whole body.		AERATED Water and air mix and enhance each other, massaging the body and inducing creativity and dynamism.		ATOMIZED By reducing the water into tiny particles, the atomized jet gives a refreshing and relaxing feeling of wellbeing.
	TROPICAL AERATED The mix between tropical and aerated jets creates the effect of a dense rain which, descending, relieves and reduces muscular tension.		LED + NEBULIZED A mixture of different therapies and effects, the LED light optimizes and enriches the regenerating effects of nebulization.		LED + ATOMIZED The fusion of water particles and LED light heat enhances and intensifies the delicate touch of the atomized jet.

ACCESSORIES

ASTRALPOOL

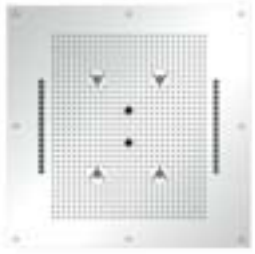
			
Audio	Water aromatheraphy	Air aromatheraphy	Additional external thermostatic

CONTROLS

ASTRALPOOL

		
MANUAL Control (on/off) each shower jets through the keypad (as many buttons as types of jets).	SEQUENCE Activate the pre-programmed sequence of the different shower jets pressing only one button.	MULTI SEQUENCE (SENSE PRO MODEL ONLY) Activate the programmed sequence you want depending on your needs. Scheduled sequences: RELAX / BALANCE / SPORT / ENERGY

EMOTIONAL SHOWERS



RGB Lighting

SENSE PRO

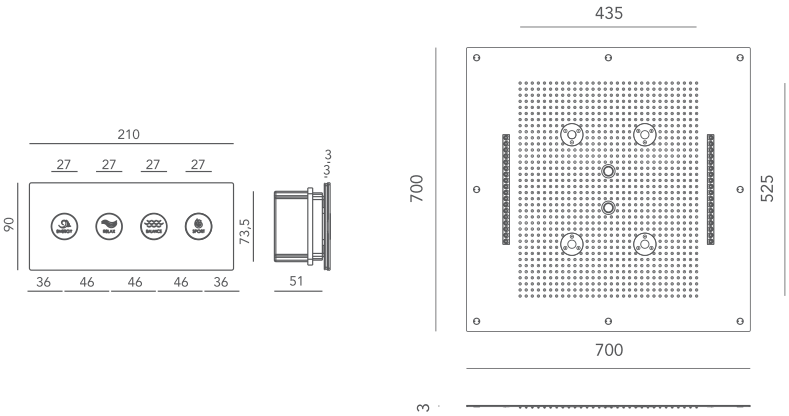
ASTRALPOOL

- Square shower head for recessed installation 700x700 mm.
- Complete kit with control box for jets, lights, water temperature, and installation system. Includes built-in wall-mounted IP67 keypad in stainless steel with 4 buttons and 7-module flush mount box (type 506) with electroniccontrol to manage 4 pre-configured programs: Relax, Energy, Balance, Sport. 12V load transformer.
- Materials: stainless steel plate with ultra-mirror finish, liquid silicone anti-lime membrane.
- Ceiling depth: 150 mm.
- Water supply 1/2" (inch)
- Operating pressure: 1.5 / 5 bar.

	Code
Sense Pro	AF-FL001

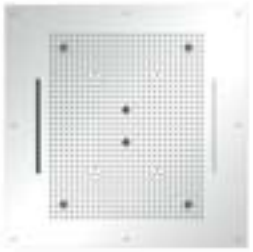
TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL001	SENSE PRO	RGB		70 x 70	4 preset programs	-

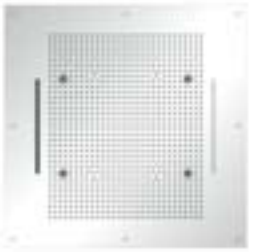


EMOTIONAL SHOWERS

AQUA



Aqua
RGB Lighting



Aqua White
White Lighting

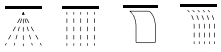
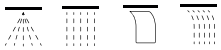


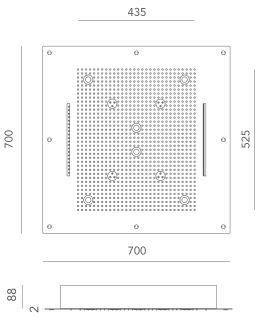
Aqua Nude
No Lighting

- Square shower head for recessed installation 700x700 mm. 4 water patterns: 1 rain jet, 4 mist jets, 1 tropical jet, and 1 waterfall jet.
- Aqua sequence and Aqua: includes 6 LED lights with chromotherapy.
- Aqua White sequence White and Aqua White: includes 4 LED bench lights.
- Ultra-mirror stainless steel plate, liquid silicone anti-lime membrane.
- Ceiling depth: 100 mm.
- Water supply 1/2" (inch)
- Operating pressure: 1.5 / 5 bar.
- Recommended pressure: 3 bar.
- Complete kit with installation system.

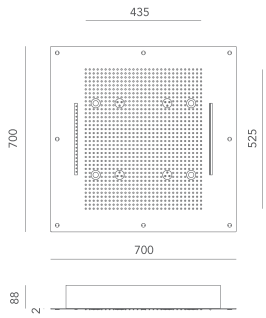
	Code
Aqua Sequence Shower	AF-FL002
Aqua Sequence White Shower	AF-FL003
Aqua Sequence Nude Shower	AF-FL004
Aqua Shower	AF-FL005
Aqua White Shower	AF-FL006
Aqua Nude Shower	AF-FL007

TECHNICAL FEATURES

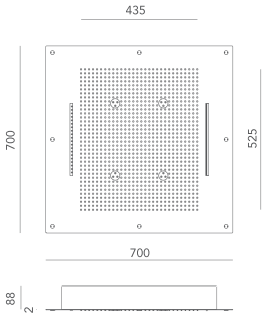
Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL002	AQUA SEQUENCE	RGB		70 x 70	Sequence (1 button)	
AF-FL003	AQUA SEQUENCE WHITE	WHITE				
AF-FL004	AQUA SEQUENCE NUDE	-				
AF-FL005	AQUA	RGB		70 x 70	Manual (4 buttons)	
AF-FL006	AQUA WHITE	WHITE				
AF-FL007	AQUA NUDE	-				



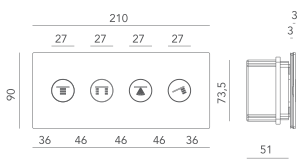
Aqua Sequence / Aqua



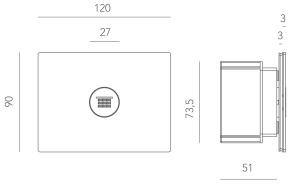
Aqua Sequence White / Aqua White



Aqua sequence Nude/ Aqua White Nude



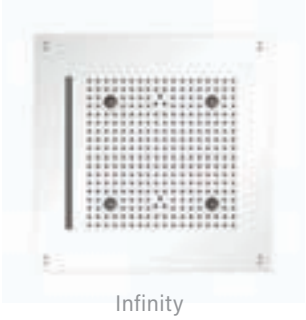
Control: Aqua sequence / Aqua Sequence White / Aqua sequence nude



Control: Aqua / Aqua White / Aquanude

EMOTIONAL SHOWERS

INFINITY



Infinity
RGB Lighting



Infinity White
White Lighting



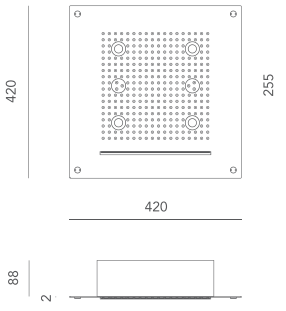
Infinity Nude
No Lighting

- Square shower head for recessed ceiling installation 420 x 420 mm. 3 water patterns: 1 rain jet, 2 mist jets and 1 waterfall jet.
- Infinity sequence and Infinity: includes 4 LED lights with chromotherapy.
- Infinity sequence White and Infinity White: includes 2 white LED lights.
- Ultra-mirror stainless steel plate, liquid silicone anti-lime membrane.
- Ceiling depth: 100 mm.
- Water supply: 1/2" (inch)
- Operating pressure: 1.5 / 5 bar.
- Recommended pressure: 3 bar.
- Complete kit with installation system.

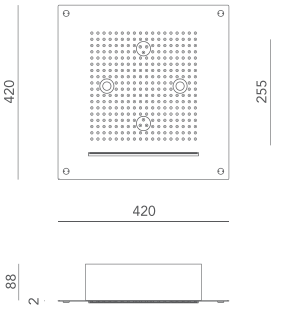
	Code
Infinity Sequence Shower	AF-FL008
Infinity Sequence White Shower	AF-FL009
Infinity Sequence Nude Shower	AF-FL010
Infinity Shower	AF-FL011
Infinity White Shower	AF-FL012
Infinity Nude Shower	AF-FL013

TECHNICAL FEATURES

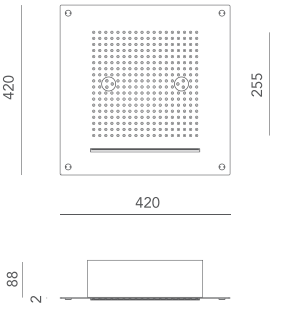
Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL008	INFINITY SEQUENCE	RGB		42 x 42	Sequence (1 button)	
AF-FL009	INFINITY SEQUENCE WHITE	WHITE				
AF-FL010	INFINITY SEQUENCE NUDE	-				
AF-FL011	INFINITY	RGB		42 x 42	Manual (3 buttons)	
AF-FL012	INFINITY WHITE	WHITE				
AF-FL013	INFINITY NUDE	-				



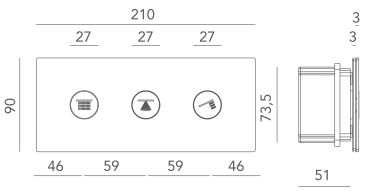
Infinity Sequence / Infinity



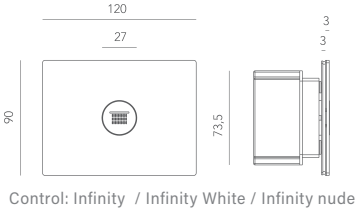
Infinity Sequence White / Infinity White



Infinity Sequence Nude / Infinity Nude



Control: Infinity Sequence / Infinity Sequence White / Infinity Sequence Nude



Control: Infinity / Infinity White / Infinity nude

EMOTIONAL SHOWERS

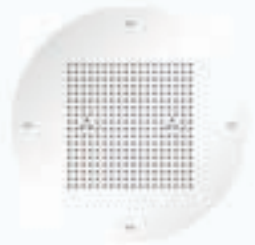
VITA



Vita
RGB Lighting



Vita
White Lighting



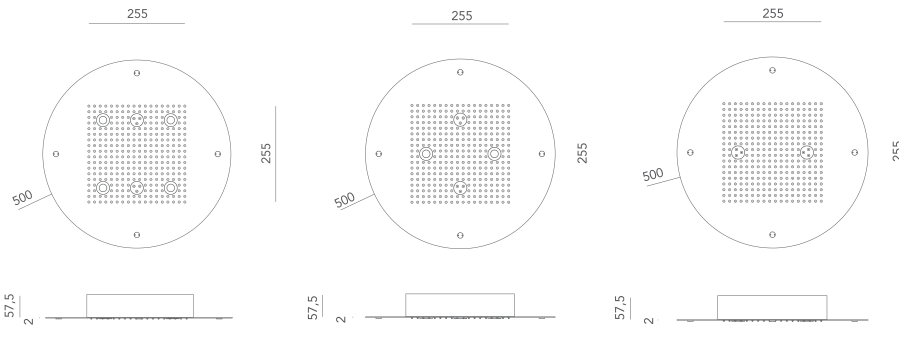
Vita
No Lighting

- Rounded shower head for recessed ceiling installation Ø500 mm. 2 water patterns: 1 rain jet and 2 mist jets.
- Infinity sequence and Infinity: includes 4 LED lights with chromotherapy.
- Infinity sequence White and Infinity White: includes 2 white LED lights.
- Ultra-mirror stainless steel plate, liquid silicone anti-lime membrane.
- Ceiling depth: 100 mm.
- Water supply: 1/2" (inch)
- Operating pressure: 1.5 / 5 bar.
- Recommended pressure: 3 bar.
- Complete kit with installation system.

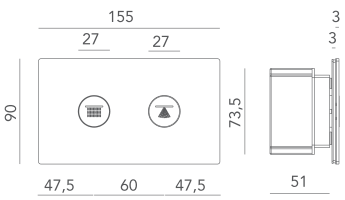
	Code
Vita Shower	AF-FL014
Vita White Shower	AF-FL015
Vita Nude Shower	AF-FL016

TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL014	VITA	RGB		Ø 50	Manual (2 buttons)	
AF-FL015	VITA WHITE	WHITE				
AF-FL016	VITA NUDE	-				



Vita | Vita White | Vita nude



Control: Vita / Vita White / Vita nude

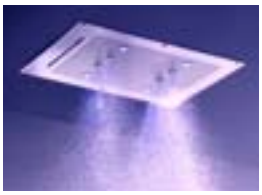
EMOTIONAL SHOWERS

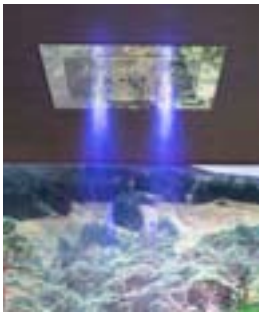
SUMMARY TABLE

Code	Decscription	Lighting	Jets	Dimensions (cm)	Control	Accessories
AF-FL001	Sense Pro	RGB		70 x 70	4 Pre-set programs (Relax, Sport, Balance, Energy) (MULTISEQUENCE)	-
AF-FL002	Aqua Sequence	RGB		70 x 70	1 button to start the water sequence (SEQUENCE)	
AF-FL003	Aqua Sequence White	WHITE				
AF-FL004	Aqua Sequence Nude	-				
AF-FL005	Aqua	RGB		70 x 70	4 buttons. 1 to start each water effect. (MANUAL)	
AF-FL006	Aqua White	WHITE				
AF-FL007	Aqua Nude	-				
AF-FL008	Infinity Sequence	RGB		42 x 42	1 button to start the water sequence (SEQUENCE)	
AF-FL009	Infinity Sequence White	WHITE				
AF-FL010	Infinity Sequence Nude	-				
AF-FL011	Infinity	RGB		42 x 42	3 buttons. 1 to start each water effect. (MANUAL)	
AF-FL012	Infinity White	WHITE				
AF-FL013	Infinity Nude	-				
AF-FL014	Vita	RGB		Ø 50	2 buttons. 1 to start each water effect. (SEQUENCE)	
AF-FL015	Vita White	WHITE				
AF-FL016	Vita Nude	-				







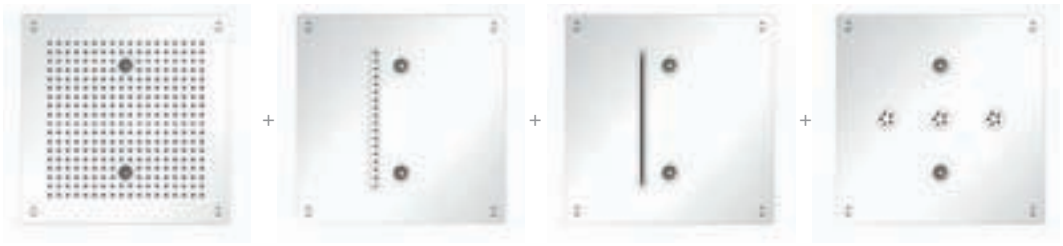


EMOTIONAL TUNNELS

AQUA

- Materials: Ultra-mirror stainless steel plate, liquid silicone anti-lime membrane.
- Ceiling depth: 100 mm.
- Water supply: 1/2" (inch)
- Operating pressure: 1.5 / 5 bar.
- Recommended pressure: 3 bar.
- The inverted path accessory (not included) makes it possible to run the sequence in reverse.

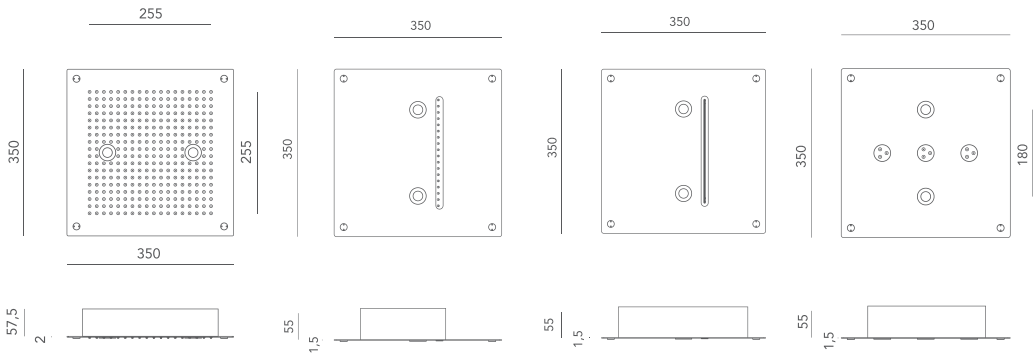
	Code
Aqua	AF-FL033



RGB Lighting

TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL033	AQUA	RGB		42 x 42	1 button	

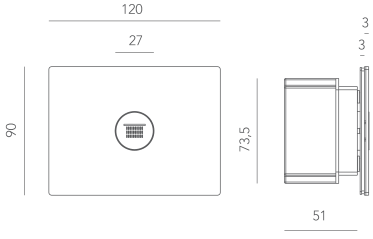


1 rain jet with 2 LED lights with chromotherapy included.

1 tropical jet with 2 LED lights with chromotherapy included.

3 mist jets including 2 LED lights with chromotherapy.

3 atomized jets including 2 LED lights with chromotherapy.



Sequence activation with button.
(Optional: reverse path)

EMOTIONAL TUNNELS

INFINITY

- Materials: Ultra-mirror stainless steel plate, liquid silicone anti-lime membrane.
- Ceiling depth: 100 mm.
- Water supply: 1/2" (inch)
- Operating pressure: 1.5 / 5 bar.
- Recommended pressure: 3 bar
- The inverted path accessory (not included) makes it possible to run the sequence in reverse.

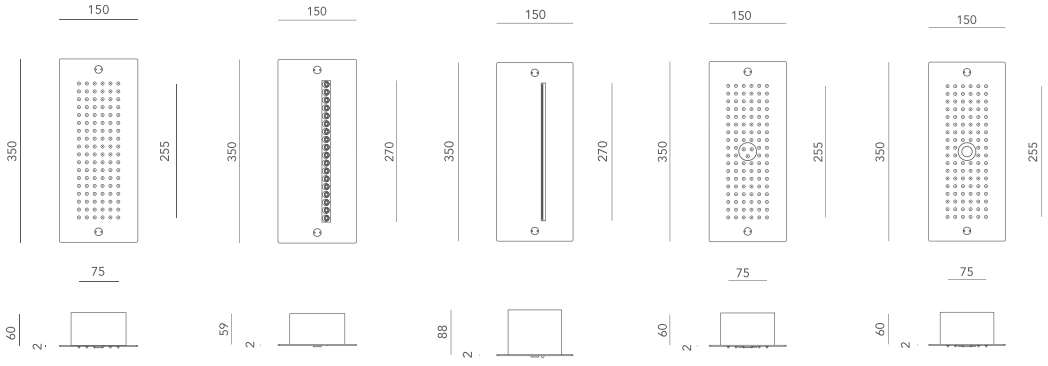
	Code
Infinity	AF-FL034

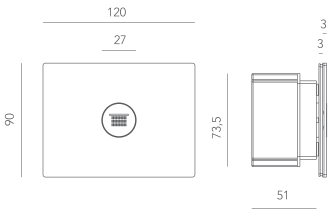


No Lighting

TECHNICAL FEATURES

Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL034	INFINITY	NO		5 x 35 x 15	1 button	





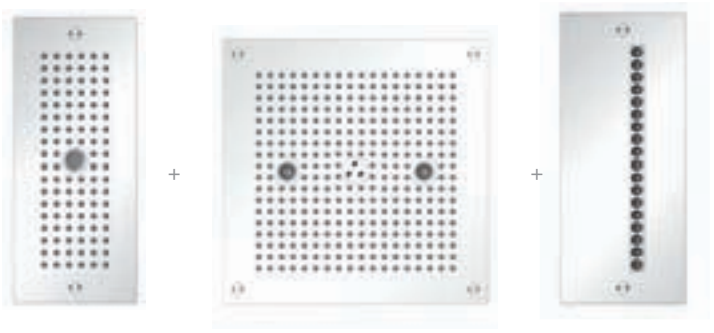
Sequence activation with button.
(Optional: reverse path)

EMOTIONAL TUNNELS

VITA

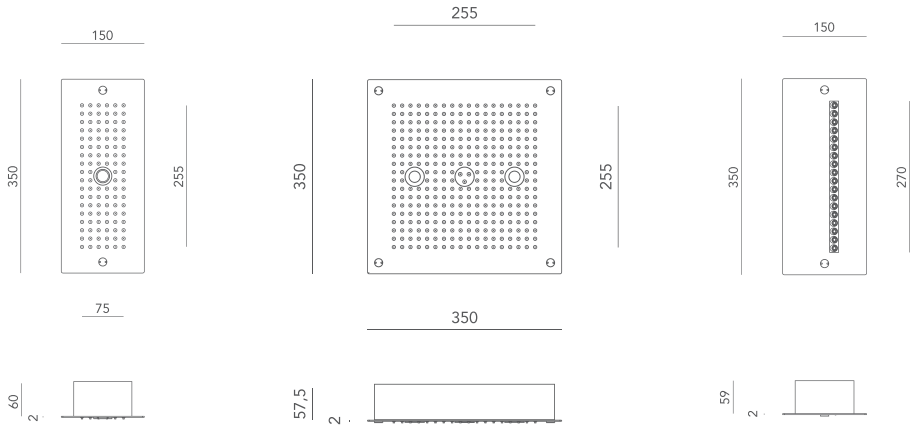
- Materials: Ultra-mirror stainless steel plate, liquid silicone anti-lime membrane.
- Ceiling depth: 100 mm.
- Water supply: 1/2" (inch)
- Operating pressure: 1.5 / 5 bar.
- Recommended pressure: 3 bar.
- The inverted path accessory (not included) makes it possible to run the sequence in reverse.

	Code
Vita	AF-FL035



TECHNICAL FEATURES

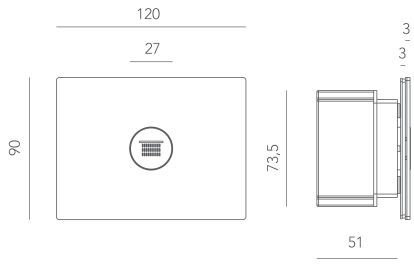
Code	Description	Lighting	Jets	Size (cm)	Control	Optionals
AF-FL035	VITA	RGB		2 x 35 x 15 1 x 35 x 35	1 button	



1 rain jet and 1 air jet

1 rain jet and 1 mist jet including 2 LED lights with chromotherapy.

1 rain jet



1 air tropical jet

CONTRAST SHOWERS



BUCKET

ASTRALPOOL

- Cube attached to the wall or ceiling.
- Capacity: 4.5 - 7.5 liters
- Size of upper diameter: 305 mm
- Height: 270mm
- Chain height: 630mm
- Pivot radius: 480mm
- Pipe connection: 1/2"

	Code
Bucket Cube Shower	87038

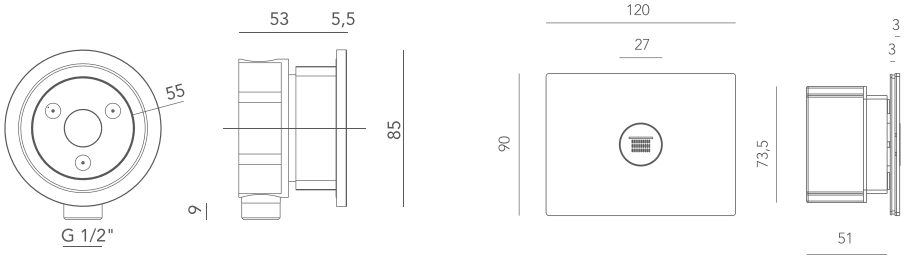


COLD

ASTRALPOOL

- Built-in round chrome bodyjet with sequential control, with nebulized jet. Includes RGB led for chromotherapy and control of temperature.
- Water supply connection: 1/2" inch
- Absorption 350 mA

	Code
Cold - Contrast Shower	AF-FL037



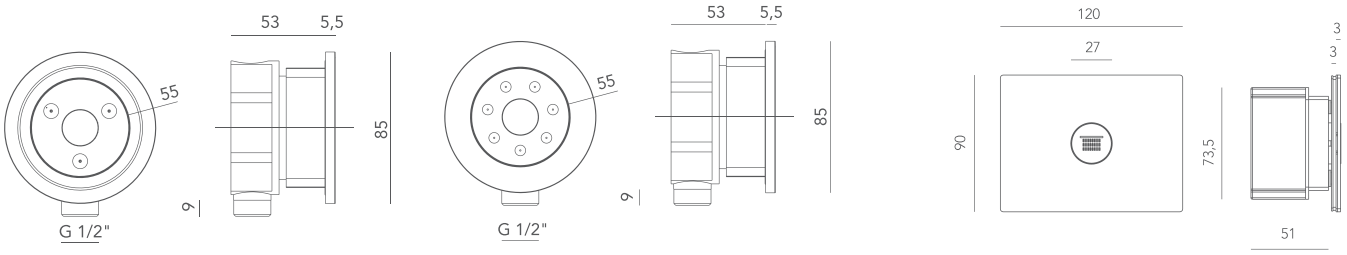


HOT & COLD

ASTRALPOOL

- Built-in round chrome bodyjet with sequential control, with nebulized and atomized jet. Includes RGB led for chromotherapy and control of temperature.
- Water supply connection: 1/2" inch
- Absorption 350 mA

	Code
Hot & Cold - Contrast Shower	AF-FL038



HORIZONTAL SHOWERS



HORIZONTAL SHOWER

Horizontal shower and massage, in mirror-finish stainless steel, for mounting on the ceiling, with electronic water mixer, chromotherapy and touch control panel to manage 4 pre-configured programs (sport, energy, relaxation, balance) or manual start.

Hydraulic characteristics:

- Water supply works with hot and cold water.
- Pressure 2 ÷ 5 bar.
- Recommended pressure 3 bar.
- For pressures higher than 5 bar, we suggest installing a pressure reducer.
- Cold water temperature 10 ° ÷ 15 ° C
- Hot water temperature 55 ° ÷ 65 ° C
- Optimum hot water flow 15 l / m.

NB:

- A drainage of water in the ground is necessary to release the flow of water.
- It is suggested to install a water softener for water with hardness higher than 15/18 degrees F°

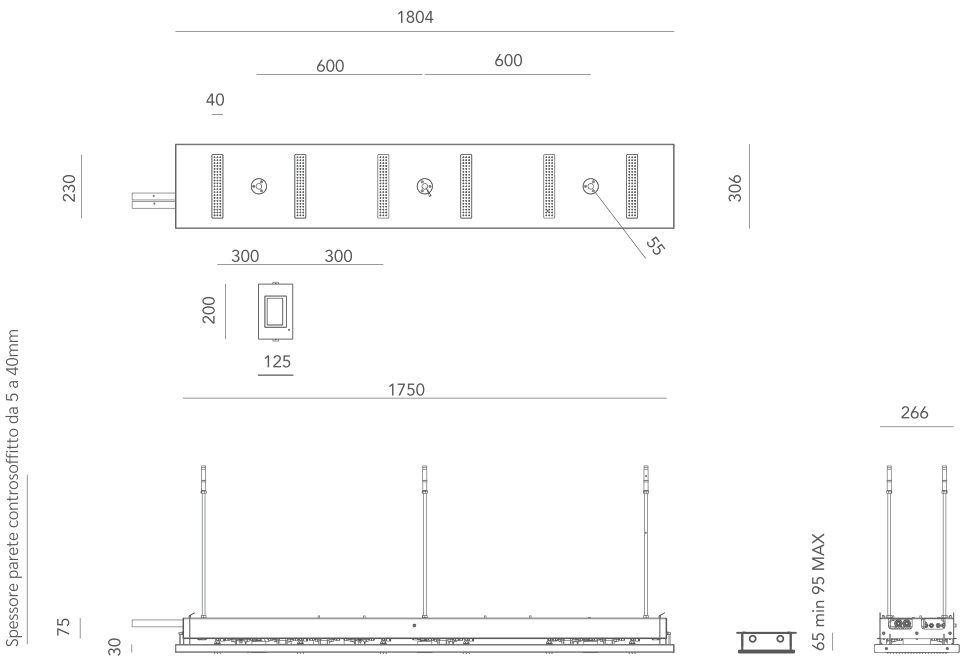
Electrical characteristics:

- Electrical supply 100-240V - 50 ÷ 60Hz
- 12V operation control panel.
- Maximum absorption 100W
- We suggest installing a dedicated RCCB.

	Code
Horizontal Shower	AF-FL036

TECHNICAL FEATURES

Code	Description	Lighting	Jets
AF-FL036	Horizontal Shower	RGB	



KNEIPP



3 METERS KNEIPP

ASTRALPOOL

- 8 bodyjets (4 mist + 4 atomized) built in chrome plated brass with sequence control.
- Led RGB for chromotherapy and manual temperature control is included.
- Water supply connection: 1/2" inch
- Absorption 350 mA

	Code
3 meters Kneipp	AF-FL039

5 METERS KNEIPP

ASTRALPOOL

- 16 bodyjets (8 mist + 8 atomized) built in chrome plated brass with sequence control.
- Led RGB for chromotherapy and manual temperature control is included.
- Water supply connection: 1/2" inch
- Absorption 350 mA

	Code
5 meters Kneipp	AF-FL040

9 METERS KNEIPP

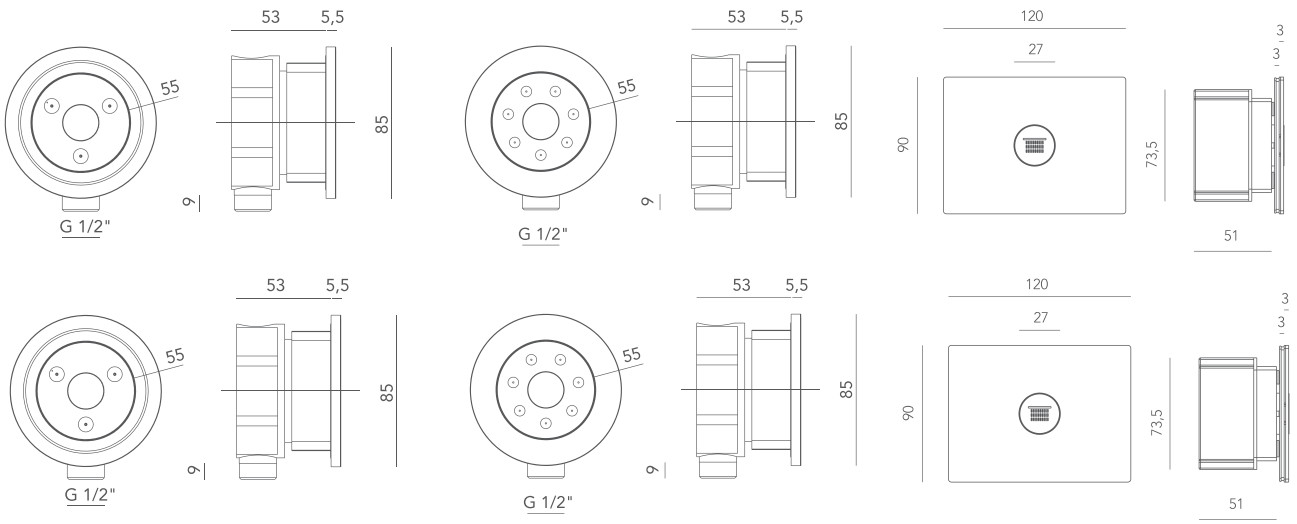
ASTRALPOOL

- 16 bodyjets (8 mist + 8 atomized) built in chrome plated brass with sequence control.
- Led RGB for chromotherapy and manual temperature control is included.
- Water supply connection: 1/2" inch
- Absorption 350 mA

	Code
5 meters Kneipp	AF-FL041

TECHNICAL FEATURES

Code	Description	Lighting	Jets	Optionals
AF-FL039	3 Meters Kneipp	RGB		
AF-FL040	5 Meters Kneipp	RGB		
AF-FL041	9 Meters Kneipp	RGB		



MINI CONTRAST POOLS

+ In the late 5 th century B.C., following the example of the Greeks, the popular Roman baths incorporated cold rooms called "Frigidariums", where bathers would finish their circuit after passing through hot rooms like the steam room or the hot pool.
+ We preserve these rituals of old, fully confident in the health benefits that contrast therapy has on the body.
+ Not only is it good for the skin, but it also increases metabolism, blood flow, and stimulates the widening and narrowing of the blood vessels.

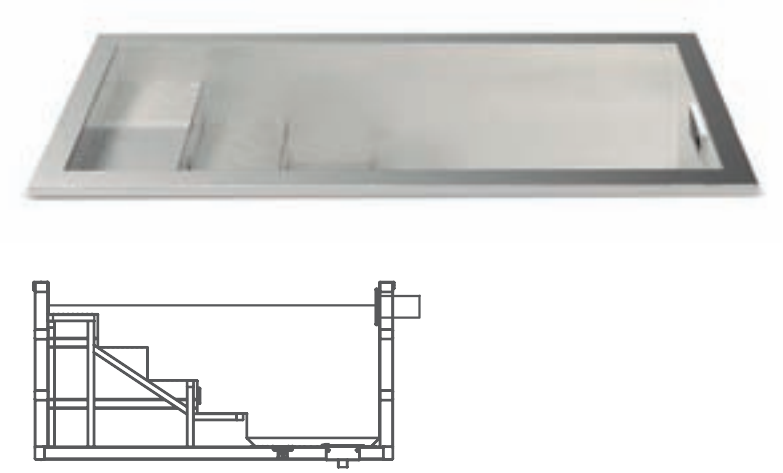


MINI CONTRAST POOLS

The mini contrast pools has health benefits for the body, not only is it good for the skin, but it also increases metabolism, blood flow, and stimulates the widening and narrowing of the blood vessels. Up to 2 minutes of use recommended.

ONE

ASTRALPOOL



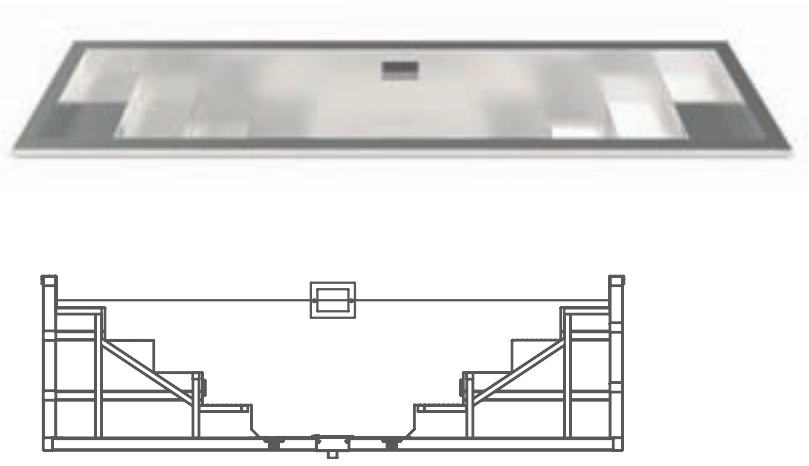
TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	218 x 098 x 108

One is crafted from a single piece of AISI-316L 2-mm-thick satin-finish stainless steel . Elegant and robust design, careful finishes, and first-class materials make ONE a perfect choice for any "Frigidarium".

	Code
Cold Plunge One Mini Contrast Pool	71482

TWO

ASTRALPOOL

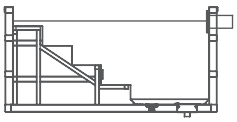
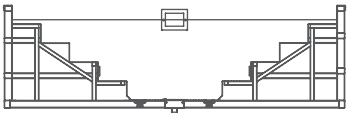


TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	358 x 098 x 108

Two is crafted from a single piece of AISI-316L 2-mm-thick satin-finish stainless steel. Elegant and robust design, careful finishes, and first-class materials. It includes an entrance staircase and an exit staircase that facilitate the flow of people through the space.

	Code
Cold Plunge Two Mini Contrast Pool	71483

MINI CONTRAST POOLS

MODELS	 Cold Plunge One	 Cold Plunge Two
	71482	71483
GENERAL SPECIFICATIONS		
Internal dimensions	2.00 x 0.80 x 0.85 m	3.40 x 0.80 x 0.85 m
External dimensions	2.18 x 0.98 x 1.08 m	3.58 x 0.98 x 1.08 m
Positions (seats / loungers)	-	-
Water capacity	0.90 m^3	1.33 m^3
Empty weight / Full weight	300 / 1200 kg	400 / 1730 kg
CHARACTERISTICS		
No of jets	-	-
No of air nozzles	-	-
Overflow / Skimmer	Skimmer	Skimmer
Overflow aspiration	-	-
Return inlet	1	2
Bottom cleaner nozzles	1	1
Main Drain	1	1
Headrests	-	-
LED lights	1	2
Piezoelectric press buttons	No	No
OPTIONS (NOT INCLUDED)		
Stainless steel Overflow grill	No	No
Wood Overflow grill	No	No
Cover	No	No
RECOMMENDED EXT. EQUIPMENT		
Compact filtration kit	No	No
Balance tank	No	No

VITALITY POOLS

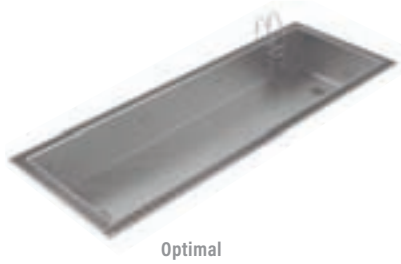
+ Opulence and elegance.
+ AstralPool's Vitality swimming pools are crafted in a single piece of satin-finish stainless steel with a non-slip bottom.
+ Ready to connect, minimizes installation times and eliminates construction work.



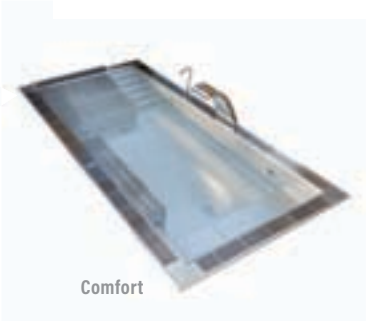
VITALITY POOLS

Opulence and elegance. AstralPool's Vitality swimming pools are crafted in a single piece of satin-finish stainless steel with a non-slip bottom. Ready to connect, minimizes installation times and eliminates construction work.

OPTIMAL / WELLNESS / COMFORT / SPORT

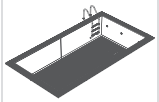
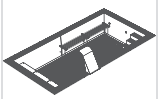
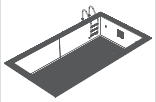
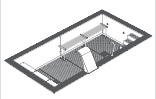
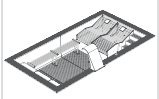


Optimal



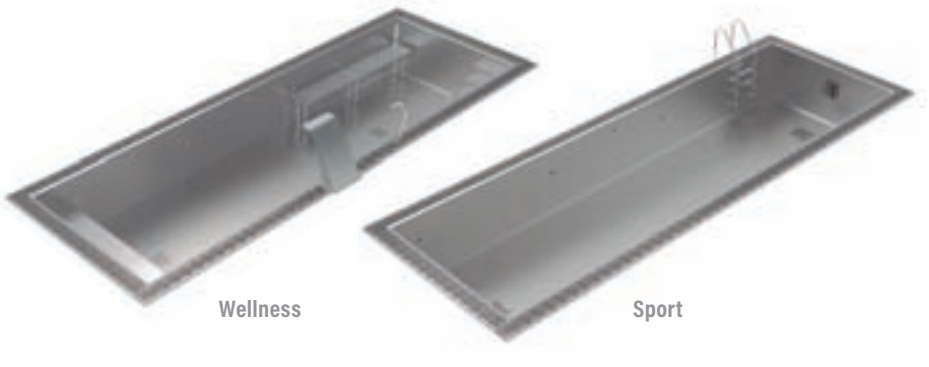
Comfort

	Code
5 x 2.85 m	
Optimal	71501
Wellness	71502
Sport	71503
7 x 2.85 m	
Optimal	71507
Wellness	71508
Comfort	71509
Sport	71510

							
MODELS	Optimal	Wellness	Sport	Optimal	Wellness	Comfort	Sport
	71501	71502	71503	71507	71508	71509	71510
GENERAL SPECIFICATIONS							
Internal dimensions	5 x 2.85 x 1.2 m			7 x 2.85 x 1.2 m			
External dimensions	5.7 x 3.6 x 1.3 m			7.7 x 3.6 x 1.3 m			
Water capacity	18 m^3			24 m^3			
Empty weight / Full weight	2300 - 20300 kg	2550 - 20550 kg	2300 - 20300 kg	2300 - 20300 kg	3100 - 27100 kg	3300 - 27300 kg	2550 - 26550 kg
CHARACTERISTICS							
Skimmers	-	-	-	-	-	-	-
Overflow suction	2	2	2	2	2	2	2
Return inlet	3	4	3	3	4	4	3
Bottom cleaner nozzles	1	1	1	1	1	1	1
Main Drain	2	2	2	2	2	2	2
Projectors	2	2	2	2	2	2	2
ACCESSORIES							
Ladder (3 steps)	✓	-	✓	✓	-	-	✓
Steps	-	✓	-	-	✓	✓	-
Hydromassage bench	-	✓	-	-	✓	✓	-
Hydromassage cascade	-	✓	-	-	✓	✓	-
Hydromassage water jet	-	✓	-	-	✓	✓	-
Hydromassage beds	-		-	-	-	✓	-
Countercurrent equipment	-	-	✓	-	-	-	✓
Cover	-	✓	-	-	✓	✓	-
RECOMMENDED EXT. EQUIPMENT							
Hydraulic button and timer	-	45218 + 35761	-	-	45218 + 35761	45218 + 35761	-
Blower pump for hydro beds	-	-	-	-	-	31091	-
Blower pump for hydro bench	-	35388	-	-	35388	35388	-
Filtration equipment	27804						

VITALITY POOLS

OPTIMAL / WELLNESS / COMFORT / SPORT



	Code
8.84 x 2.85 m	
Optimal	71514
Wellness	71515
Comfort	71516
Sport	71517
11.84 x 2.85 m	
Optimal	71521
Wellness	71522
Comfort	71523
Sport	71524

MODELS	Optimal	Wellness	Comfort	Sport	Optimal	Wellness	Comfort	Sport
	71514	71515	71516	71517	71521	71522	71523	71524
GENERAL SPECIFICATIONS								
Internal dimensions	8.84 x 2.85 x 1.2 m				11.84 x 2.85 x 1.2 m			
External dimensions	9.6 x 3.6 x 1.3 m				12.6 x 3.6 x 1.3 m			
Water capacity	31 m^3				41 m^3			
Empty weight / Full weight	3050 - 34050 kg	3500 - 34500 kg	3700 - 34700 kg	3050 - 34050 kg	3850 - 44850 kg	4350 - 45350 kg	4500 - 45500 kg	3850 - 44850 kg
CHARACTERISTICS								
Skimmers	-	-	-	-	-	-	-	-
Overflow suction	3	3	3	3	4	4	4	4
Return inlet	4	5	5	4	5	6	6	5
Bottom cleaner nozzles	1	1	1	1	2	2	2	2
Main Drain	2	2	2	2	2	2	2	2
Projectors	2	2	2	2	3	3	3	3
ACCESSORIES								
Ladder (3 steps)	✓	-	-	✓	✓	-	-	✓
Steps	-	✓	✓	-	-	✓	✓	-
Hydromassage bench	-	✓	✓	-	-	✓	✓	-
Hydromassage cascade	-	✓	✓	-	-	✓	✓	-
Hydromassage water jet	-	✓	✓	-	-	✓	✓	-
Hydromassage beds	-	-	✓	-	-	-	✓	-
Countercurrent equipment	-	-	-	✓	-	-	-	✓
Cover	-	✓	✓	-	-	✓	✓	-
RECOMMENDED EXT. EQUIPMENT								
Hydraulic button and timer	-	45218 + 35761	45218 + 35761	-	-	45218 + 35761	45218 + 35761	-
Blower pump for hydro beds	-	-	31091	-	-	-	31091	-
Blower pump for hydro bench	-	35388	35388	-	-	35388	35388	-
Filtration equipment	23349				23350			

VITALITY POOLS



PLAYA / PLAYA LIVING

PISCINE LAGHETTO

Playa is an elegant mini-pool created from great Italian design. Its soft hydromassage, hot water and its pleasant hand-woven fibers invite you to relax in a deep well-being both indoors and outdoors.
Playa Living, the evolution of the Playa model, incorporates soft cushions and sofas. This mini-pool transforms your space into a complete oasis of relaxation adding an elegant touch of sophistication.

TECHNICAL FEATURES

Code	Model	Total Dimensions (W x L x H) cm	Water Dimensions (W x L x H) cm	Volume (L)	Panel Color	Ref. Lagetto
67338	Playa 1 / Standard	220x220x70	180x140x55	1200	Coffee	KITDVPLA1BICF1G
67339					White	KITDVPLA1BIBI1G
69349					Grey	KITDVPLA1BIGR1G
67340	Playa 2 / Standard	320x220x70	180x240x55	2000	Coffee	KITDVPLA2BICF1G
67341					White	KITDVPLA2BIBI1G
69351					Grey	KITDVPLA2BIGR1G
69355	Playa 3 / Standard	420x220x70	180x340x55	3000	Coffee	KITDVPLA3BICF1G
69356					White	KITDVPLA3BIBI1G
69358					Grey	KITDVPLA3BIGR1G
67342	Playa 1 / Bubbles & Heater	220x220x70	180x140x55	1200	Coffee	KITDVPLARB1BICF1G
67343					White	KITDVPLARB1BIBI1G
69352					Grey	KITDVPLARB1BIGR1G
67344	Playa 2 / Bubbles & Heater	320x220x70	180x240x55	2000	Coffee	KITDVPLARB2BICF1G
67345					White	KITDVPLARB2BIBI1G
69354					Grey	KITDVPLARB2BIGR1G
69361	Playa 3 / Bubbles & Heater	420x220x70	180x340x55	3000	Coffee	KITDVPLARB3BICF1G
69363					White	KITDVPLARB3BIBI1G
69364					Grey	KITDVPLARB3BIGR1G

Panels


COFFEE


WHITE


GREY

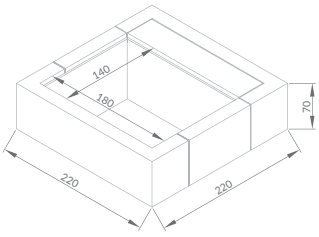
Upholstery (Living Option)

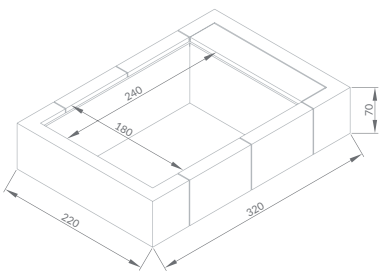

NATURAL-N

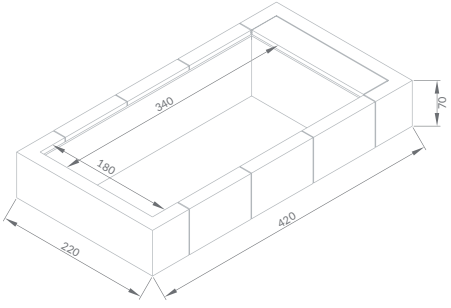

WATER-W


BROWN-B


GREY-G







HYDRO LEISURE ELEMENTS

+ There are many variations of hydrotherapy, with spa water elements providing remarkable benefits that both relax and stimulate the nervous system.
+ AstralPool's range of hydrotherapy products, made of stainless steel, includes both outdoor pool elements and indoor sets. The clean, elegant design is paired with the finest finishes.
+ It releases the body's tension in a massage circuit using pressurized water.



POOL SURROUND CASCADE



A cascade for the pool surround designed to create an intense yet deeply relaxing curtain of water. This accessory is made from mirror-polished AISI 316 stainless steel and has to be ordered with the anchor plate for secure installation.

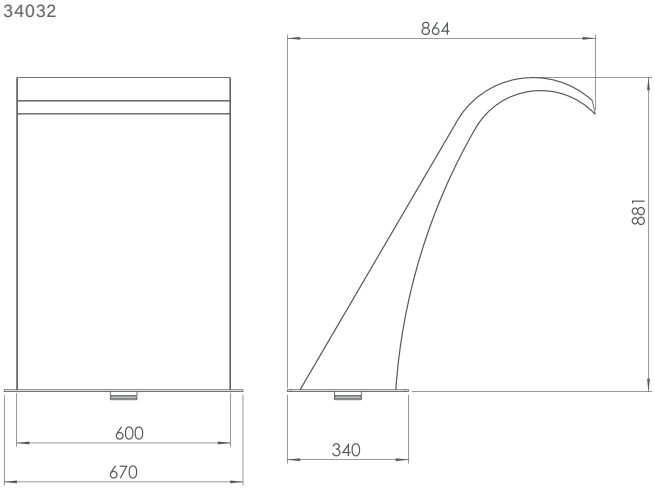
	Code
Pool Surround Cascade	34032
Anchoring Plate	34033

Complementary accessories

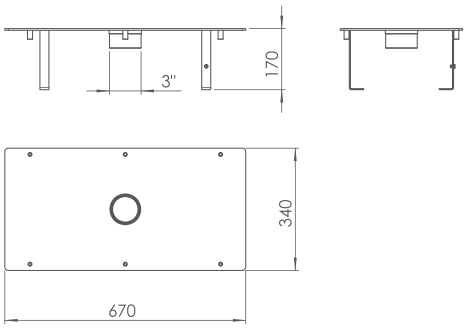
Recommended pump*	65570
Suction concrete	30765
Suction liner	45210
Push button and timer	45219+35761

* For a total water pressure head loss of 10 m.w.c.

34032



34033





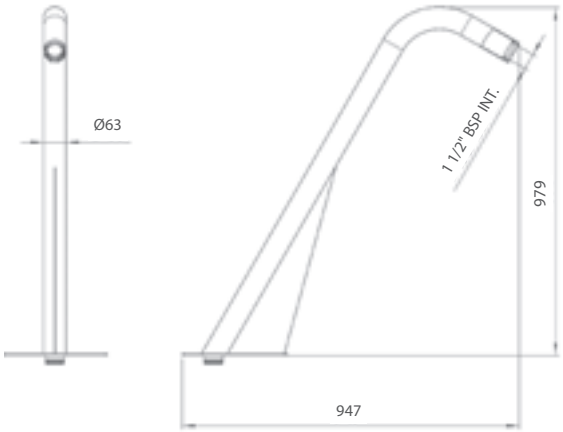
POOL SURROUND WATER JET

Water jet for pool surround, featuring swan-neck shaped cylindrical section, providing a high-pressure jet of water for a relaxing cervical massage. This accessory is made from polished AISI -316 stainless steel and has to be ordered with the anchor plate for secure installation.

	Code
Pool Surround Water Jet	34039
Anchoring Plate	34040
Uniform pressure nozzle	34041
Double pressure nozzle	34042
Diffuser spray nozzle	34043
Fan spray nozzle	34044
Complementary accessories	
Recommended pump*	65570
Suction concrete	30765
Suction liner	45210
Push button and timer	45219+35761

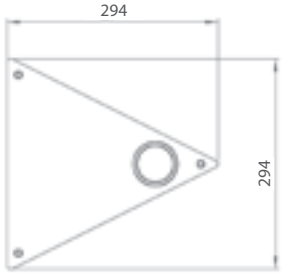
* For a total water pressure head loss of 14 m.w.c.

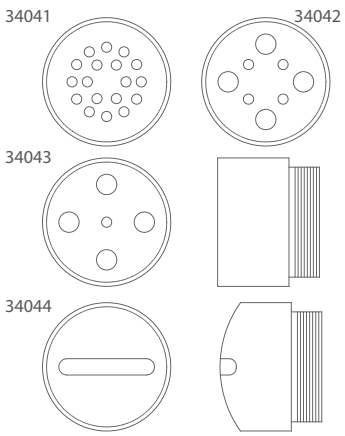
34039



34040







HYDRO LEISURE ELEMENTS



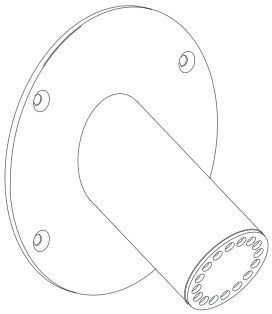
WALL-MOUNTED WATER JET

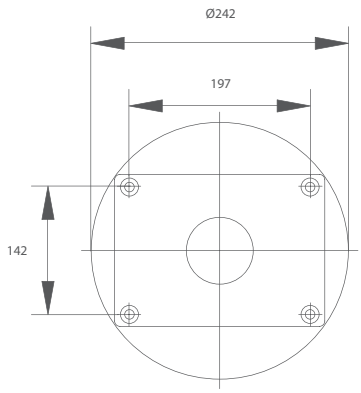
ASTRALPOOL

Wall-mounted water jet with cylindrical cross-section. Designed to produce multiple high-pressure water jets for a back and shoulder massage of medium intensity, depending on model. This accessory is manufactured from polished AISI-316 stainless steel. Anchor system for wall mounting.

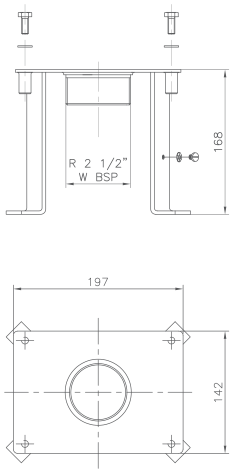
	Code
Wall-mounted circular water jet Ø84	34464
Rectangular concrete pool anchor	19983

34464





19983

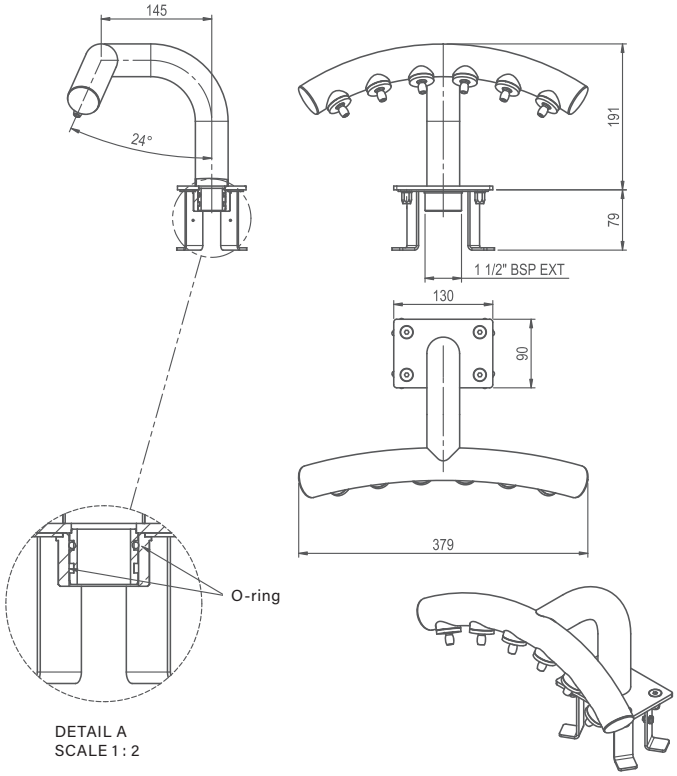




CERVICAL MASSAGE JET

ASTRALPOOL

The Astralpool's Neck massage has 6 jets oriented with focus on the cervical area. Its medium massage intensity allows its use for a long time. Ideal to install on the seating area. It is an element made of polished stainless steel AISI-316.



	Code
Cervical Massage Jet	60792

Complementary accessories

Recommended pump*	65558
Suction concrete	19987
Suction liner	20091
Push button and timer	45219+35761

* For a total water pressure head loss of 8 m.w.c.

MASSAGE NOZZLES



Set comprising three massage effect nozzles, using a combination of water and air to stimulate calves, thighs and hips. These are hung in a vertical arrangement on the wall of the pool, at a height of 30, 60 and 90 cm from the pool bottom. The set is completed with a polished rounded stainless steel handrail which can either be attached to the pool surround or the wall of the pool itself. This handrail serves two functions -it gives pool users something to hold onto whilst allowing air to enter through holes situated along its length which is then directed to the nozzle by the so-called Venturi effect.

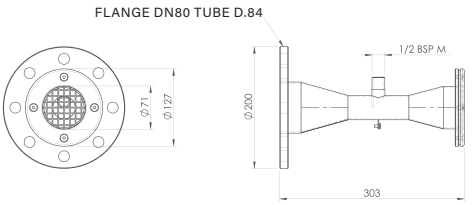
	Code
3 Massage Nozzle Kit for Concrete	43049
Handrail for massage nozzle set	34050

Complementary accessories

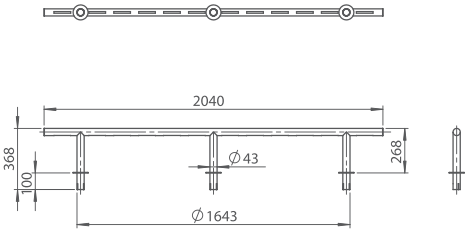
Water feature concrete	34049 + 34050
Water feature liner	40981 + 34050
Recommended pump*	08003
Suction concrete	35368
Push button and timer	45219+35761-

* For a total water pressure head loss of 10 m.w.c.

34049



34050



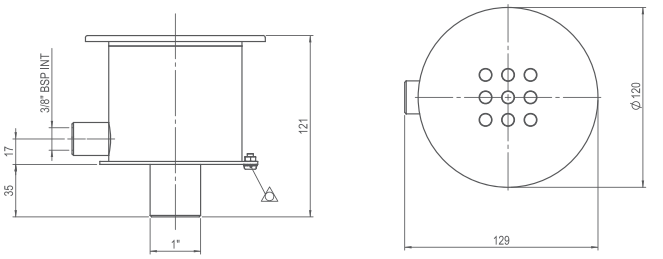


HYDROMASSAGE JET

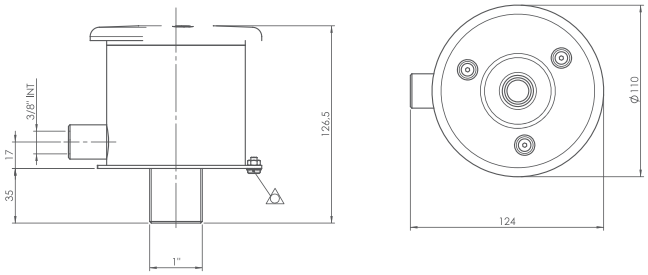
Hydromassage jet system, specifically designed to be situated in areas where there are benches, water channels etc. Wherever an intense, localized massage is required. The acceleration of the water jet resulting from the Venturi effect creates hundreds of thousands of tiny air bubbles which further intensify the massage effect. This accessory is 100% mirror-polished AISI-316 stainless steel with interchangeable nozzles.

	Code
9 Nozzle Trim and Jet Set Concrete	35753
Ball jet trim set concrete	35754

35753

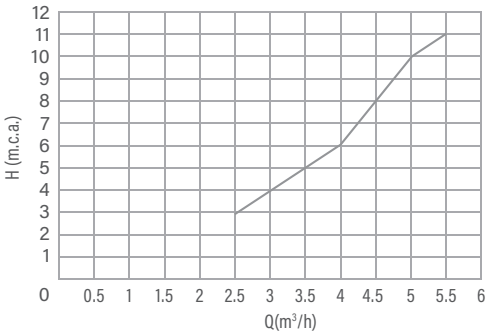


35754



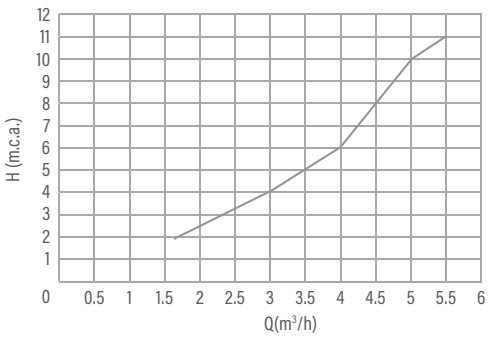
TECHNICAL FEATURES 35753

Pressure (m.c.a.)	Water flow (m^3/h)	Observation
1	1	
2	1.6	
3	2.5	Effect start
4	3	
5	3.5	Recommended water flow
6	4	
7	4.25	
8	4.5	
9	4.75	
10	5	
11	5.5	



TECHNICAL FEATURES 35754

Pressure (m.c.a.)	Water flow (m^3/h)	Observation
1	0.75	
2	1.6	
3	2.5	Effect start
4	3	
5	3.5	Recommended water flow
6	4	
7	4.25	
8	4.5	
9	4.75	
10	5	
11	5.5	



HYDRO LEISURE ELEMENTS



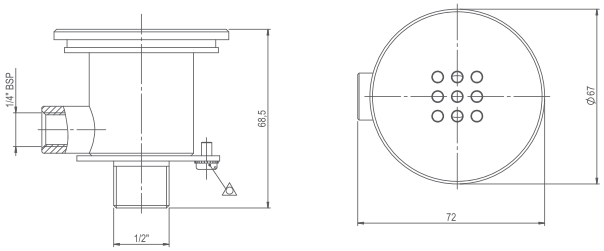
HYDROMASSAGE MINI JET

ASTRALPOOL

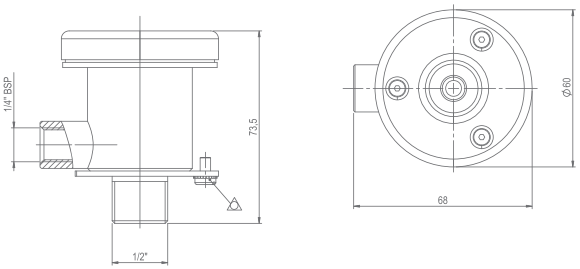
Hydromassage jet system, specifically designed to be situated in areas where there are benches, water channels etc. Wherever an intense, localized massage is required. The acceleration of the water jet resulting from the Venturi effect creates hundreds of thousands of tiny air bubbles which further intensify the massage effect.

	Code
9 Nozzle Trim and Minijet Set	41282
Ball minijet trim set	41283

41282

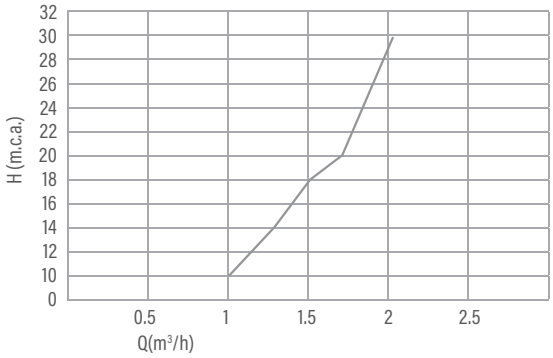


41283



TECHNICAL FEATURES

Pressure (m.c.a.)	Water flow (m^3/h)	Observation
10	1	
12	1.2	
14	1.3	
16	1.4	
18	1.5	
20	1.6	
22	1.65	
24	1.7	
26	1.8	
28	1.9	
30	2	



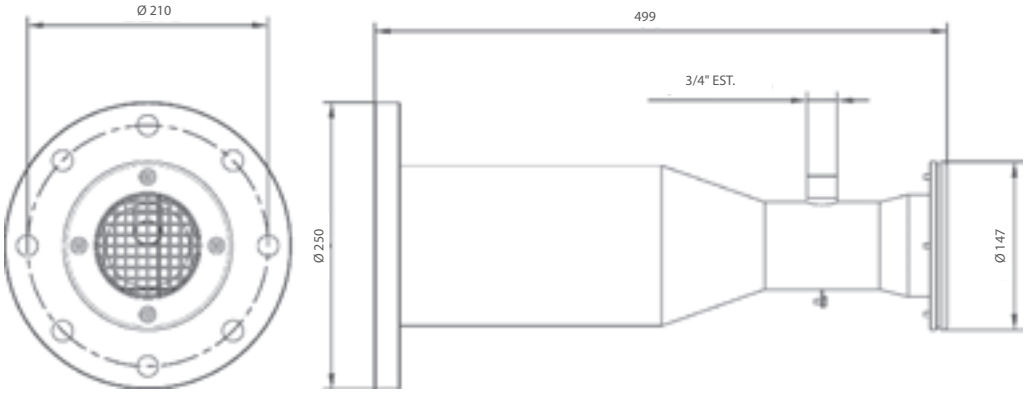
DYNAMIC HYDRO-CHANNEL JET



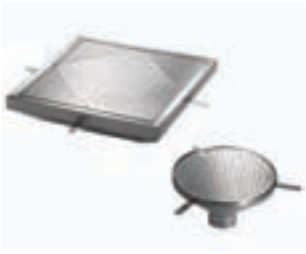
Comprised of a set of water jet nozzles in mirror-polished stainless steel which, when situated and directed correctly, provide a flow of water using recycled pool water. Creates water currents of varying strengths.

	Code
Dynamic Hydro-Channel Jet Concrete	34055
Complementary accessories	
Water feature concrete	34055
Recommended pump*	08003
Suction concrete	30765
Suction liner	45210
Push button and timer	45219+35761

* For a total water pressure head loss of 10 m.w.c.



POOL FLOOR MASSAGE GRILLS

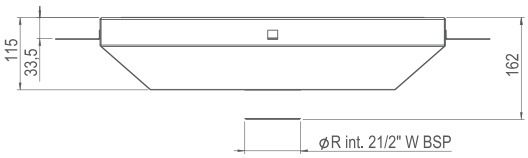


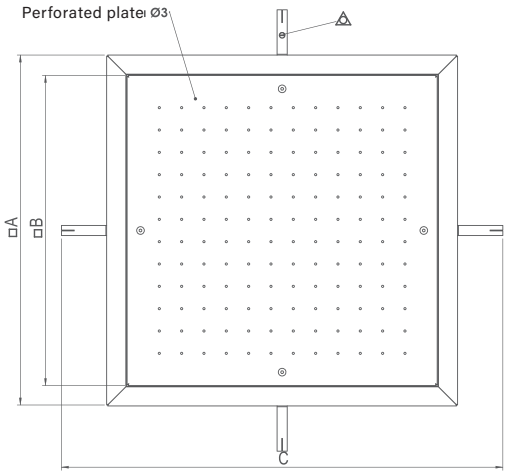
Pool floor massage effect air bubble generator. Cylindrical polished stainless steel accessory to be installed in pool floors, specially prepared for concrete pools. Available for liner installation on request.

	Code
Hydromassage grill Ø300 mm concrete	35078
Hydromassage grill 300 x 300 mm concrete	35077
Hydromassage grill 500 x 500 mm concrete	35074
Hydromassage grill 675 x 675 mm concrete	35075
Hydromassage grill 750 x 750 mm concrete	35076

Water feature concrete	Recomended air blower*	Push button and timer
35078	35388	45219 + 35761
35077	35388	45219 + 35761
35074	31091	45219 + 35761
35075	31091	45219 + 35761
35076	31091	45219 + 35761

* For a total water pressure head loss of 120 mbar.





Code	A	B	C
35074	550	490	692
35075	675	615	830
35076	750	690	905
35077	300	240	455

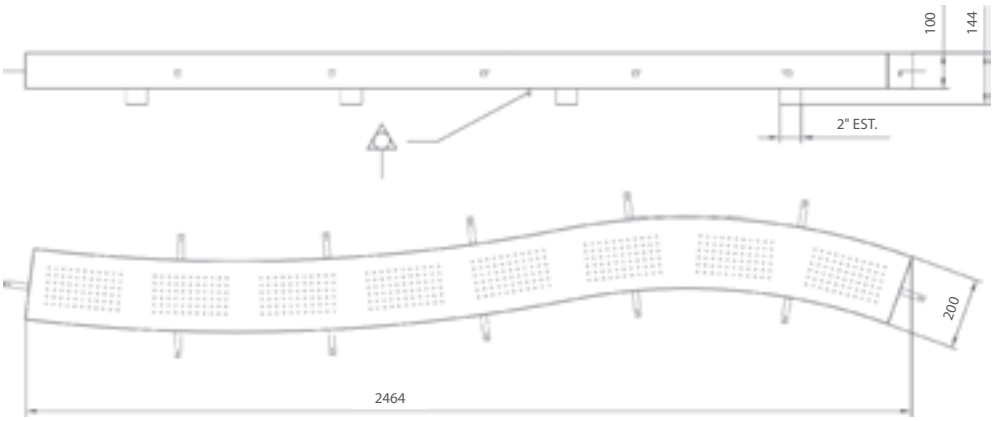
BUBBLE SNAKE



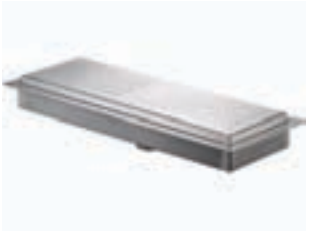
Elongated pool floor massage effect air bubble generator. The casing is made from polished stainless steel in the form of a long snake, to be installed in pool floors. The steel sheeting has holes along its length to allow the bubble to escape and create the desired effect.

	Code
Bubble snake for concrete	34048
Complementary accessories	
Water feature concrete	34048
Water feature liner	40980
Recomended air blower*	31092
Push button and timer	45219+35761

* For a total water pressure head loss of 120 mbar.



HYDROMASSAGE BENCH



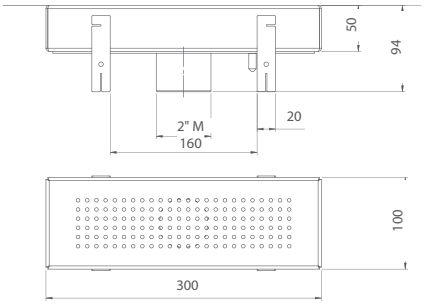
Elongated massage effect air bubble generator for pool floor and/or bench for feet and buttocks. Polished AISI 316 rectangular or semi-circular stainless steel casing accessory for mounting on pool bottoms or benches. The steel sheeting has holes along its length to allow the bubble to escape and create the desired effect.

	Code
300 mm Model for Concrete	60714
300 mm Model Liner	68746
600 mm Model for concrete	34051
1200 mm Model for concrete	34052

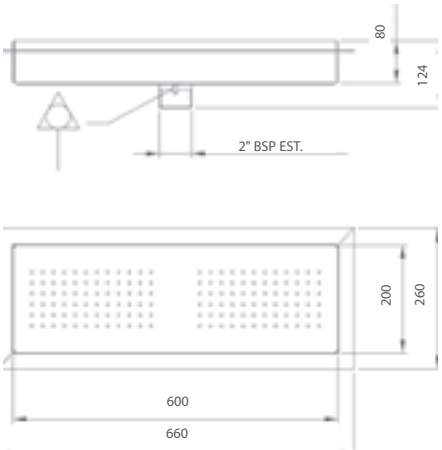
Water feature concrete	Water feature liner	Recomended air blower*	Push button and timer
34051	Request	35387	45219 + 35761
34052	Request	31091	45219 + 35761
60714	60746	35388	45219 + 35761

* For a total water pressure head loss of 100 mbar.

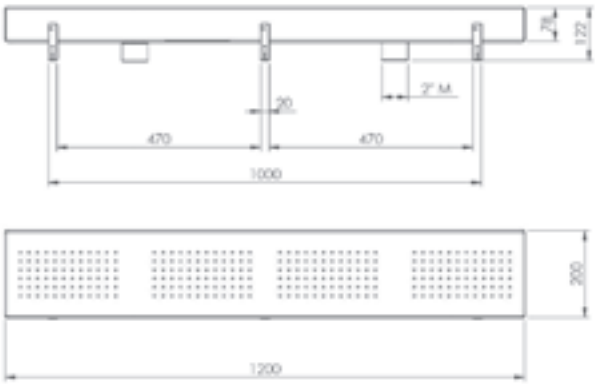
60714 68746



34051



34052



HYDRO LEISURE ELEMENTS

AIR BEDS



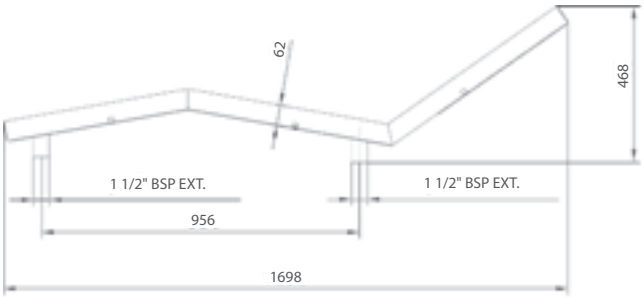
Ergonomically designed massage accessory with air jets in the back, lumbar and leg regions. The bed is comprised of stainless steel casing with air holes situated in the key massage areas. The range includes both a single and double model.

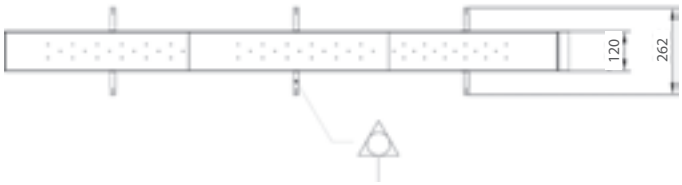
	Code
Single model for concrete	35249
Double model concrete	35250
Double model liner	41159

Water feature concrete	Water feature liner	Recomended air blower*	Push button and timer
35249		35388	45219 + 35761
35250	41159	31091	45219 + 35761

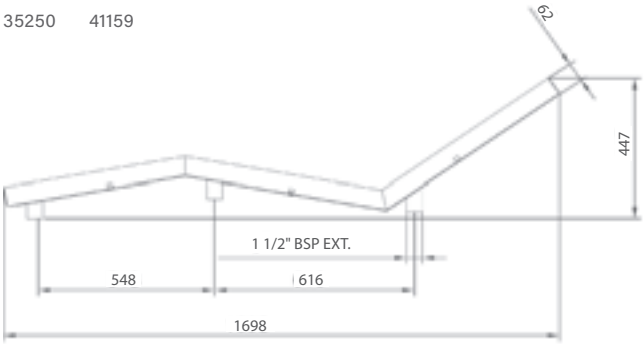
* For a total water pressure head loss of 100 mbar.

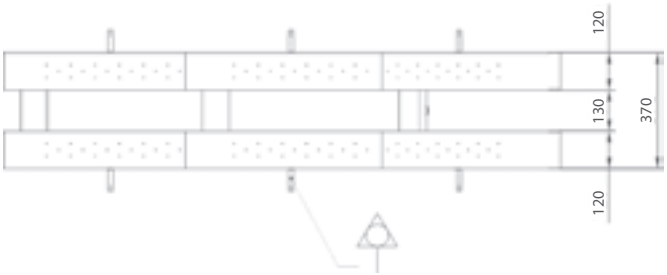
35249





35250 41159





HYDRO LEISURE ELEMENTS

HYDROMASSAGE LOUNGER



Manufactured in AISI-316 stainless steel and ergonomically designed to provide maximum comfort. The system is based on air which is injected through the base of the lounger, providing a muscle-relaxing massage. Available in two versions: embedded or installed with column.

	Code
1700 mm Embedded Lounger	31998
1700 mm Embedded Column Lounger	31996
1450 mm Embeded Column Lounger	32070
500 mm Column for lounger	31997L0500
Rectangular anchor for concrete pool	19983
Rectangular anchor for prefabricated pool	15833

Water feature concrete	Water feature liner	Recomended air blower*	Push button and timer
31998		31091	45219 + 35761
32071	41159	31091	45219 + 35761

Lounger	Column	Concrete anchoring	Liner anchoring	Recomended air blower*	Push button and timer
31996	31997	19983	15833	31091	45217 + 35761

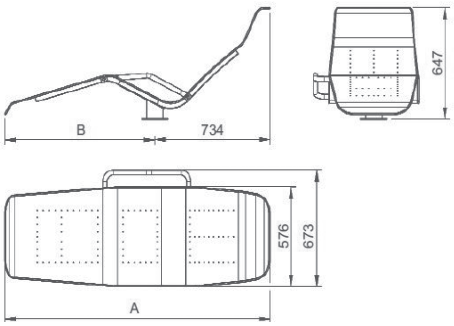
* For a total water pressure head loss of 100 mbar.

31998

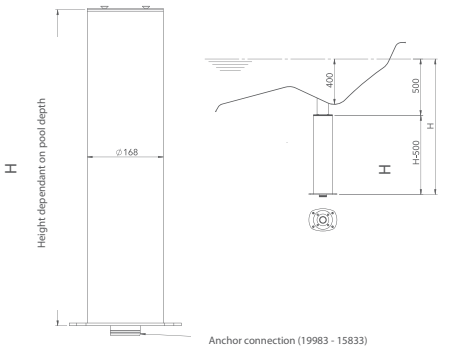
31996



32070

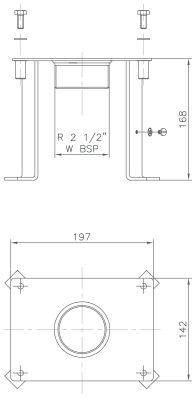


31997L0500

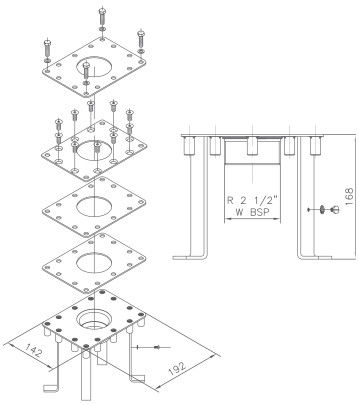


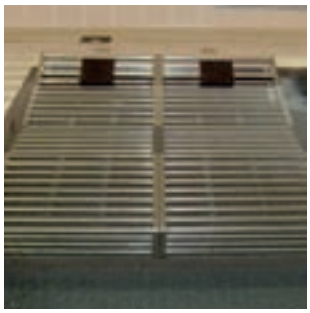
To be specified in orders.
H: Column height
H = Pool depth - 500

19983



15833





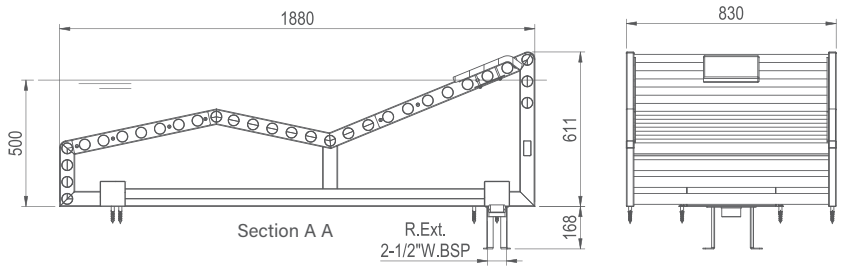
HYDROMASSAGE BED

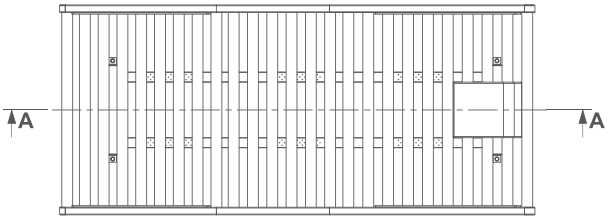
ASTRALPOOL

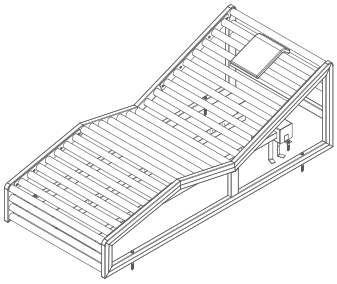
An elegant, modern design made of stainless steel tubes. Its flexible design allows as many beds as desired to be linked in parallel, achieving variable widths adaptable to each project.

	Code
Tubular concrete hydromassage bed	58812

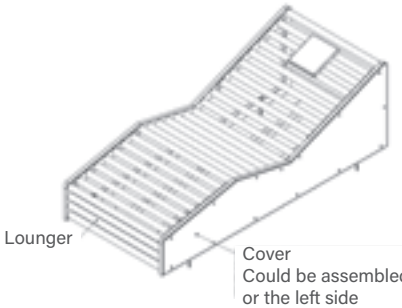
* Can be customised with logo.



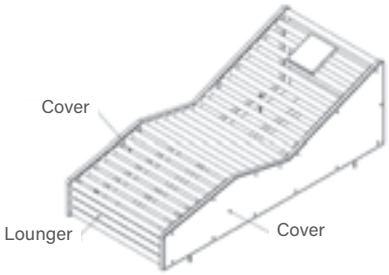




58812



67746
1 cover



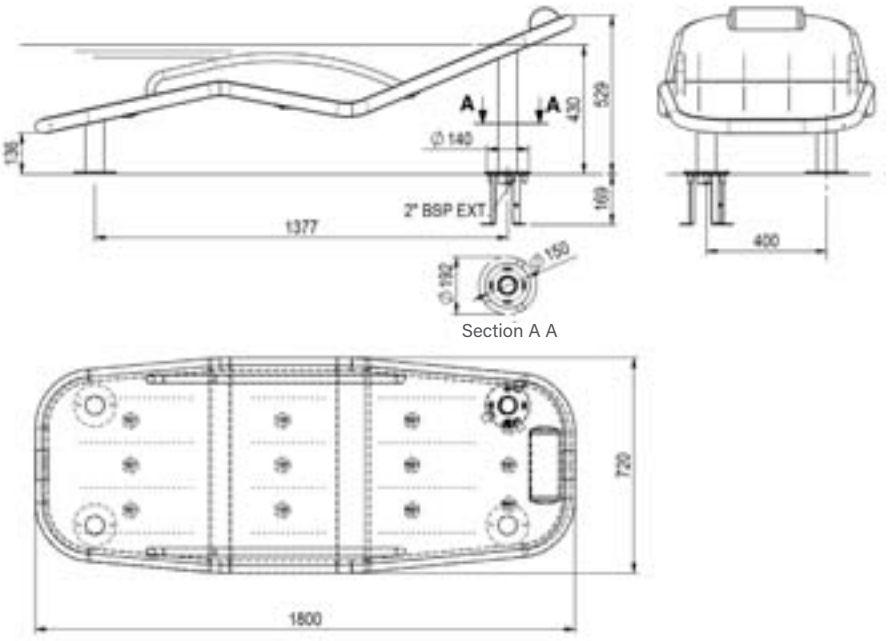
67747
2 covers



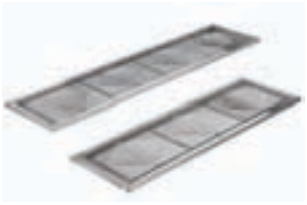
SPAECIAL HYDROMASSAGE BEDS

Stainless steel ergonomic waterbed for individual use. Composed of 200 air micro-outlets which provide a relaxing and pleasant massage. Easy installation.

	Code
Spaecial hydromassage bed	45665



Section A A

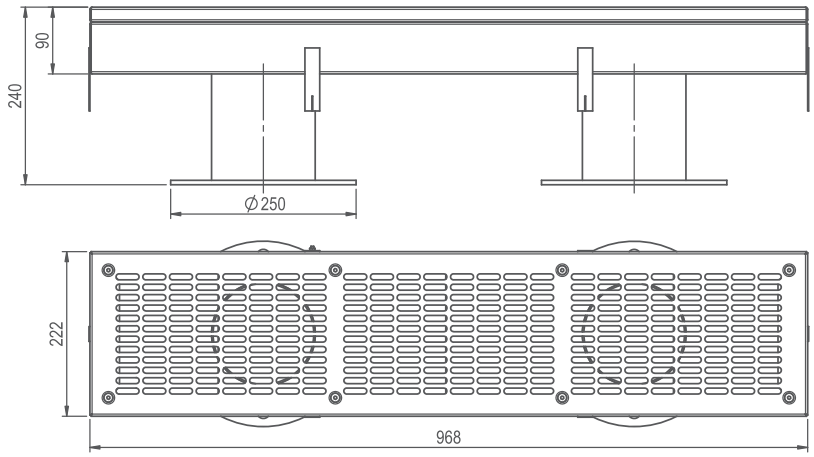


HIGH FLOW SUCTION GRILLS

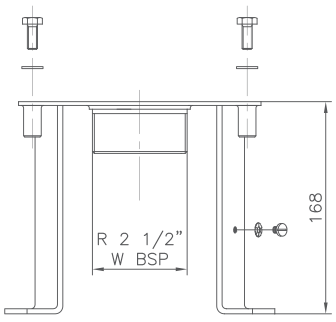
An attractive element manufactured in AISI-316 stainless steel, comprised of a frame and modular grill, this piece has been specially designed to protect the suction tubes which feature in high-flow grills.

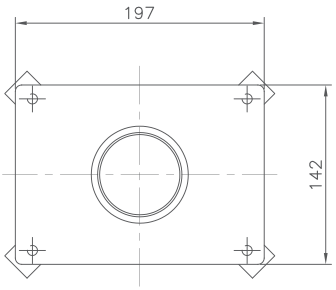
	Code
High Flow Rate Suction Cabinet of 120 m³/h for concrete	58814
Rectangular anchor for concrete pool	19983
Rectangular anchor for prefabricated pool	15833

58814

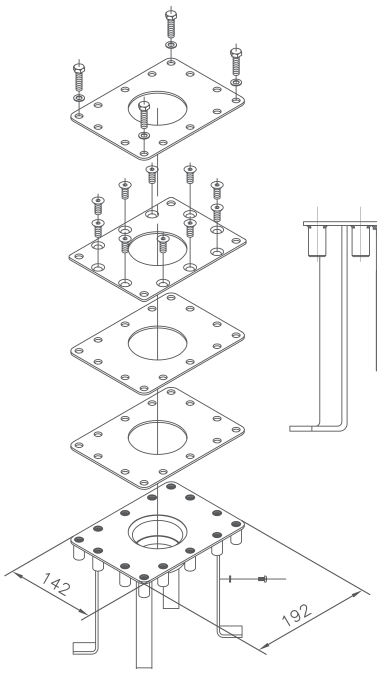


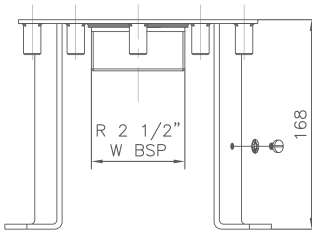
19983





15833







AIR BLOWERS

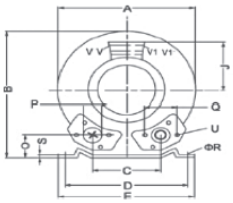
Air pump designed for spas, baths, hydromassage installations and similar which produces a constant stream of air bubbles at medium and high air volume levels. It can also be used to stir up the filter bed, for example in back wash cycles where a low intensity air current is required.

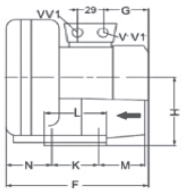
Code	Pump Power	Flow	Pressure	Voltage
35387-FG	0.75 kW 3 phase	144	190	110 / 220 V
35388-FG	0.75 kW 3 phase	144	190	220 / 380 V
31090-FG	1.1 kW single phase	216	180	220 V
31091-FG	1.3 kW 3 phase	216	180	220 / 380V
31092-FG	1.75 kW 3 phase	216	250	220 / 380 V
35389-FG	1.75 kW 3 phase	156	320	220 / 380 V
31093-FG	2.2 kW 3 phase	312	220	220 / 380 V
31094-FG	3.4 kW 3 phase	222	410	220 / 380 V
31095-FG	3.4 kW 3 phase	312	280	200 / 380 V
31096-FG	4 kW 3 phase	312	280	200 / 380 V
31097-FG	5.5 kW 3 phase		280	200 / 380 V
31098-FG	7.5 kW 3 phase		360	380 / 660 V
33970-FG	0.4 kW 3 phase			
33971-FG	1.5 kW single phase			
33972-FG	5.5 kW 3 phase			
33973-FG	11 kW 3 phase			

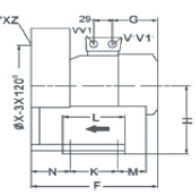
		COMPRESSION @ 50Hz - PRESSURE (mbar) / FLOW (m^3/h)																												
Model		Conn.	kW	0	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	600	625	650
BL02000100400	33970-FG	1"1/4	0.4	80	58	45	33	12																				
BL04000100900	35387-FG	1"1/2	0.85	140	112	100	90	70	55																			
BL040001M0900	35388-FG	1"1/2	0.85	140	112	100	90	70	55																			
BL05000101300	31091-FG	2"	1.5	210	180	165	145	125	115																			
BL050001M1300	31092-FG	2"	1.5	210	180	165	145	125	115																			
BL05000101500	31090-FG	2"	1.5	210	180	165	145	125	115	90																		
BL050001M1500	33971-FG	2"	1.5	210	180	165	145	125	115	90																		
BL06000102200	31093-FG	2"	2.2	320	290	270	250	230	210	200	180																	
BL06000103000	31095-FG	2"	3	320	290	270	250	230	210	200	180	165	140	120														
BL07000105500	31097-FG	2"1/2	5.5	520	490	470	430	410	395	380	355	330	305	290	255													
BL07000107500	31098-FG	2"1/2	7.5	520	490	470	430	410	395	380	355	330	305	290	255	240	220	200	180	160	130							
BL42000201600	35389-FG	1"1/2	1.6	150	135	130	125	120	115	100	95	90	85	75														
BL52000203000	31094-FG	2"	3	230	220	210	195	185	175	170	165	155	145	135	125	120	110	100	85	80								
BL52000204000	31096-FG	2"	4	230	220	210	195	185	175	170	165	155	145	135	125	120	110	100	85	80	70	60	50					
BL62000205500	33972-FG	2"	5.5	340	335	320	310	295	290	280	265	255	245	240	230	225	220	215	200	190	180	170	155	145				
BL92000211000	33973-FG	2"1/2	11	520	495	480	470	455	440	430	420	410	390	380	375	370	360	340	335	330	320	315	300	290	280	270		

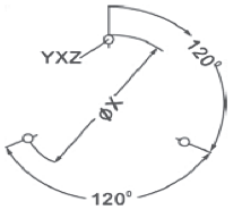
AIR BLOWERS

ASTRALPOOL

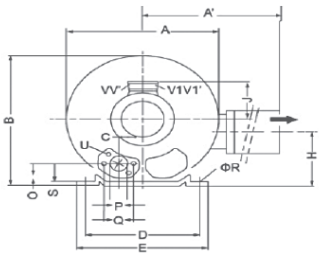


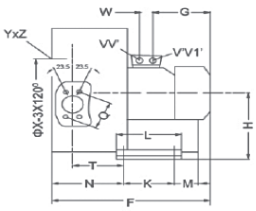


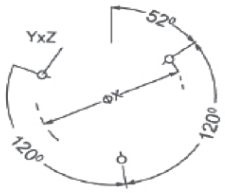




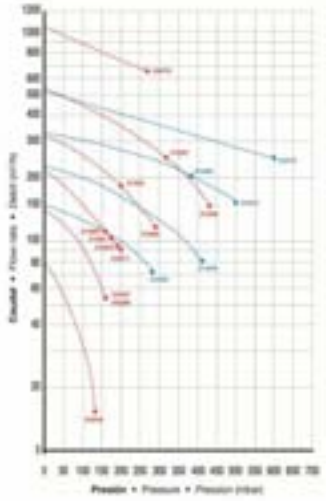
																										(1~)		(3~)					
	A	A'	B	B'	C	C'	D	E	F	F'	F''	G	H	H'	J	K	L	M	N	N'	O	P	P'	Q	ØR	S	T	U	V	V'	V1	V1'	W	α	ØX	XYZ	holes X
33970-FG	246		247		90		205	230	256			135	128		101	83	108	75	71		39	G1¼		64	10	3		M6x19			M25X1.5	M16X1.5			140	M6x15	0°/120°/240°
35387-FG	286		302		115		225	255	292			160	154		120	95	130	70	75		46	G1½		72	12	3		M6x19			M25X1.5	M16X1.5			174	M6x15	0°/120°/240°
35388-FG	286		302		115		225	255	294			160	154		120	95	130	70	75		46	G1½		72	12	3		M6x19	M16x1.5	M25X1.5					174	M6x15	0°/120°/240°
31091-FG	334		337		120		260	295	346			191	175		128	115	155	96	87		48	55		83	14	4		M8x17			M25X1.5	M16X1.5	29		200	M8x20	0°/120°/240°
31092-FG	334		337		120		260	295	346			191	175		128	115	155	96	87		48	55		83	14	4		M8x17			M25X1.5	M16X1.5	29		200	M8x20	0°/120°/240°
31090-FG	334		337		120		260	295	346			191	175		128	115	155	96	87		48	55		83	14	4		M8x17			M25X1.5	M16X1.5	29		200	M8x20	0°/120°/240°
33971-FG	334		337		120		260	295	346			191	175		128	115	155	96	87		48	55		83	14	4		M8x17			M25X1.5	M16X1.5	29		200	M8x20	0°/120°/240°
31093-FG	382		384		125		290	325	377			191	197		128	140	180	84	109		54	55		83	15	4.5		M8x17			M32X1.5	M32X1.5	29		240	M10x20	0°/120°/240°
31095-FG	382		384		125		290	325	409			188	197		135	140	180	84	109		54	55		83	15	4.5		M8x17			M32X1.5	M32X1.5	42		240	M10x20	0°/120°/240°
31097-FG	451		461	509	152		356	394	433	477		230	240		148	170	217	140	124		65	2"1/2			15	6					M32X1.5	M32X1.5	42		286	M12x20	0°/120°/240°
31098-FG	451		461	509	152		356	394	433	477		230	240		148	170	217	140	124		65	2"1/3			15	6					M32X1.5	M32X1.5	42		286	M12x20	0°/120°/240°

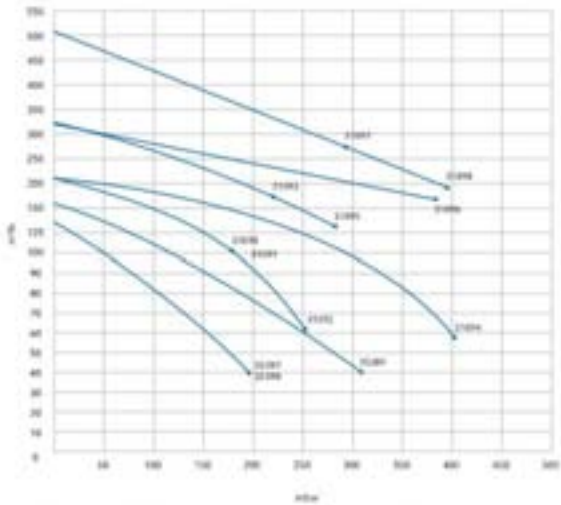


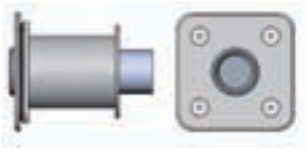




																												(1~)		(3~)						
	A	A'	B	B'	C	C'	D	E	F	F'	F''	G	H	H'	J	K	L	M	N	N'	O	P	P'	Q	ØR	S	T	U	V	V'	V1	V1'	W	α	ØX	XYZ	holes X
33970-FG	322	324	315		58		225	255	401			191	154	153	128	95	130	73	151		45	G1/2"		72	12	3	104	M6x19			M25X1.5	M16X1.5		28	174	M6x15	51.5°/171.5°/291.5°
35387-FG	372	411	371		60		260	295	465			190	175	144	135	115	155	98	171		48	55		83	14	4	116	M8X17			M32x1.5	M32x1.5	42		200	M8x20	51.5°/171.5°/291.5°
35388-FG	372	411	371		60		260	295	499			224	175	144	135	115	155	98	171		48	55		83	14	4	116	M8X17			M32x1.5	M32x1.5	42		200	M8x20	51.5°/171.5°/291.5°
31091-FG	426	426	410		154		290	325	571			226	197	162	167	140	180	200	205		53	G2		83	15	4.5	130	M8X17			M32X1.5	M32X1.5	42		240	M10x20	51.5°/171.5°/291.5°
31092-FG	500	549	490	509	76		356	394	694	717		318	240	199	197	170	217		212	84	105	G2½			15	6					M40X1.5		42		286	M12x20	51.5°/171.5°/291.5°





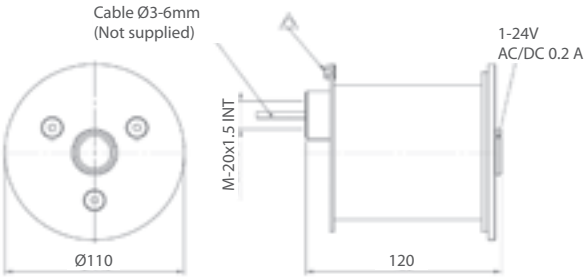


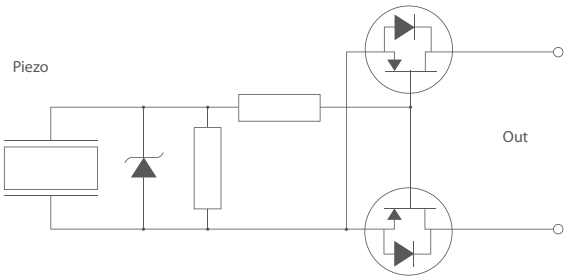
PIEZOELECTRONIC PUSH BUTTON KIT

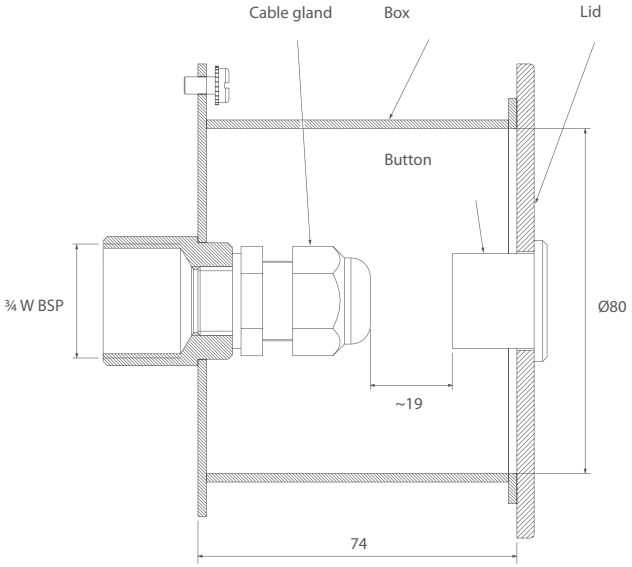
ASTRALPOOL

A new piezoelectric push button with an attractive design. It is specially designed to work in adverse environments. Its high resistance helps reduce maintenance costs. Despite IP-68 protection, immersion is not recommended.

	Code
Single piezoelectric push button	45219
1 LED push button	35759
2 LEDs push button	35760





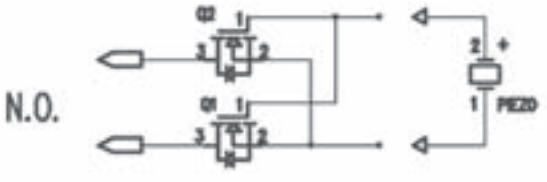


SINGLE PIEZOELECTRIC PUSH BUTTON

ASTRALPOOL

- Housing: stainless steel
- Connection: RED PVC WIRES 24 AWG
- Switching voltage: 1 - 24 V AC/DC
- Switching current: 0.200 A
- Switch resistance "on": <20Ω
- Switch resistance "off": >5Ω
- Actuation force: 3-5N
- Make impulse time: 125-300 mSEC
- Operating and storage temp: -40 ºC to 125 ºC.

	Code
Single piezoelectric push button	60747



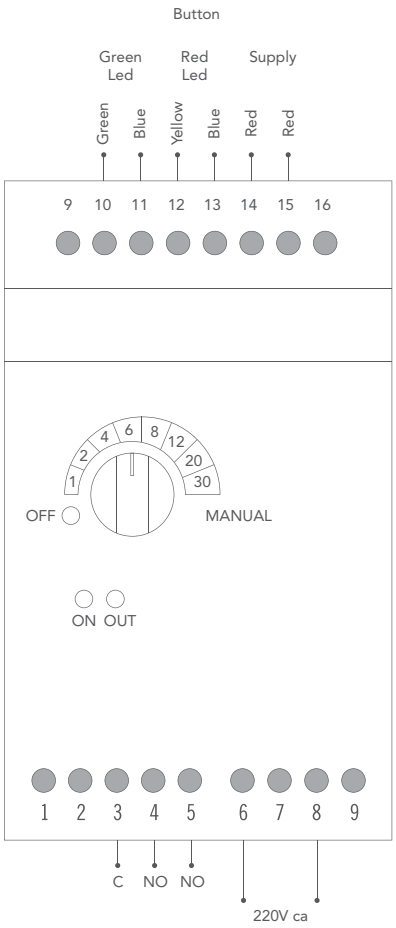
WATER EFFECT TIMER

- Voltage: 220 V AC - 50 Hz.
- Maximum relay current: – 50 Hz 12 A.
- Contact type NC/NA.
- LED voltage outlet: red and green, independently.
- Timer dimensions 52 x 90 x 80 mm
- Times available: 1,2,3,4,5,6,7,8,10,12,15,20,25 and 30 minutes.
- LED indications:
- LEDs off = no voltage.
- Permanent green LED: relay circuit activated.
- Permanent red LED: relay circuit deactivated.
- Flashing green LED: 10 seconds to shut off.

Regulations:

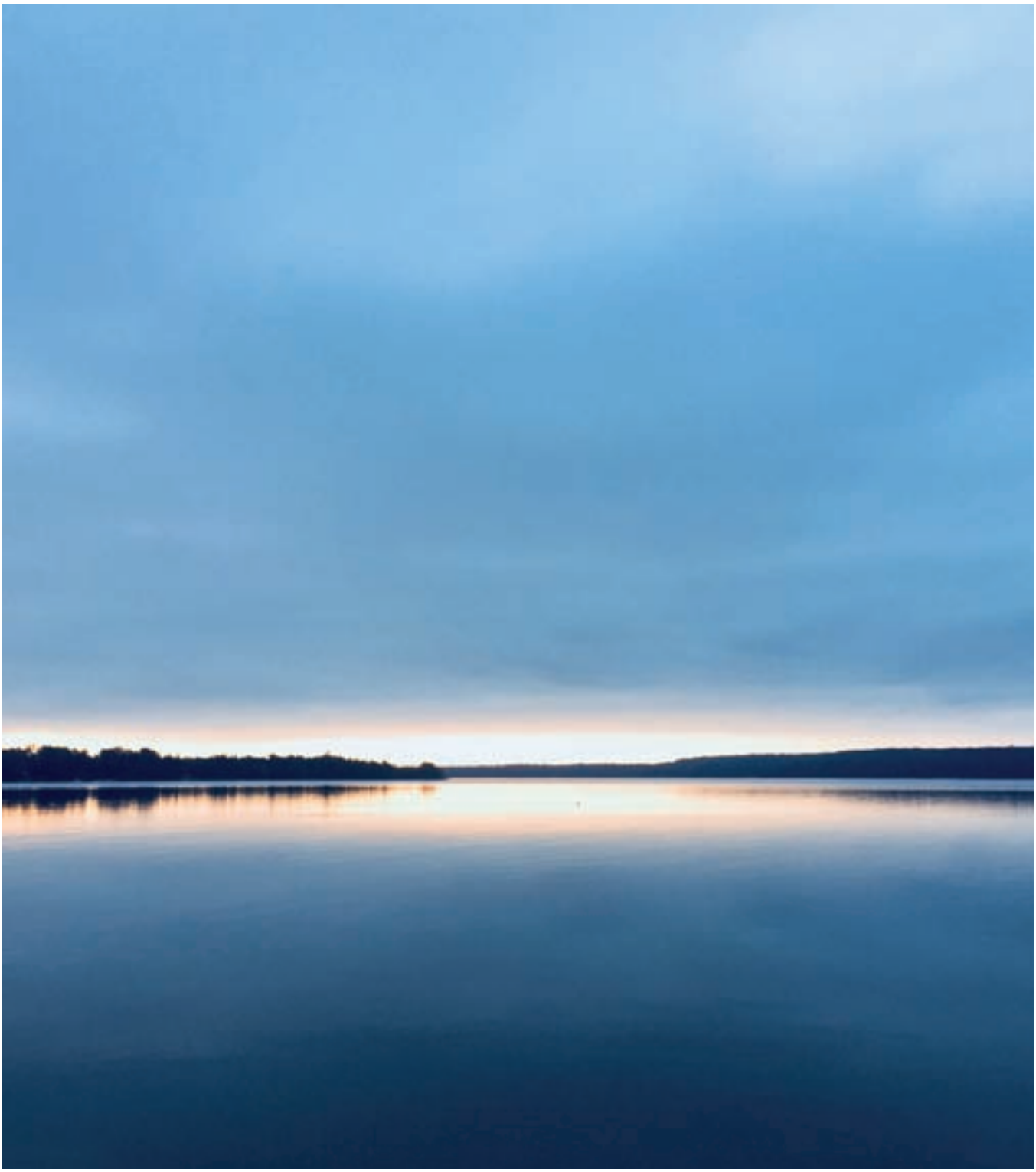
- Directive 2014/35/EU, on electrical equipment designed for use within certain voltage limits
- Directive 2014/30/EU, on electromagnetic compatibility
- Directive 2011/65/EU, on the restriction of the use of certain hazardous substances in electrical and electronic equipment
- Directive 2009/125/EC on the framework for setting ecodesign requirements for energy-related products.

	Code
Water effect timer	35403



SPA RANGE

+ Sit back, relax, and enjoy...
+ Water has also been essential for human survival, and the benefits of hydrotherapy have been known since ancient times.
+ Today, hydrotherapy is a natural solution used to alleviate and treat conditions including stress, anxiety, and insomnia, symptoms of our hectic lives.
+ Hydrotherapy helps stimulate blood circulation and eliminate toxins from the body and is an excellent tool for treating a range of diseases, as well as bone and muscle injuries.



SPA RANGE

PROFESSIONAL RANGE



Commercial spas with overflow channel and compact units

+ Spas designed for commercial spaces, gyms, wellness centres, hotels...
+ A wide range of options and finishes that cover all needs.
+ Spas with both an acrylic and mosaic tile finish.

COLOUR CHART FOR SPAS


N° 44 WHITE


N° 46 BLUE MARBLE


N° 59 STERLING


N° 64 PEARL SHADOW


N° 65 ALBA


N° 27 SILVER

OPTIONAL EQUIPMENT



CHROMOTHERAPY LED SPOTLIGHT,

for public spas only

The Mini LED spotlight is the best option for lighting public spas. Thanks to the high intensity LEDs, lighting is similar to that attained with conventional lamps.

The range of LumiPlus Mini 2.0 projectors has a multitude of possible colour combinations and sequences with higher light intensity and better energy efficiency, which result in an 80% saving on electricity consumption compared with conventional projectors, as well as 100,000 hours of useful life time without the need for maintenance.

Chromotherapy LED spotlight option

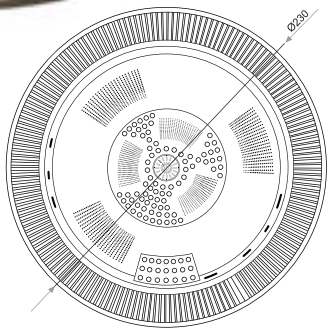
STAINLESS STEEL SPAS

VULCANO

ASTRALPOOL







TECHNICAL FEATURES

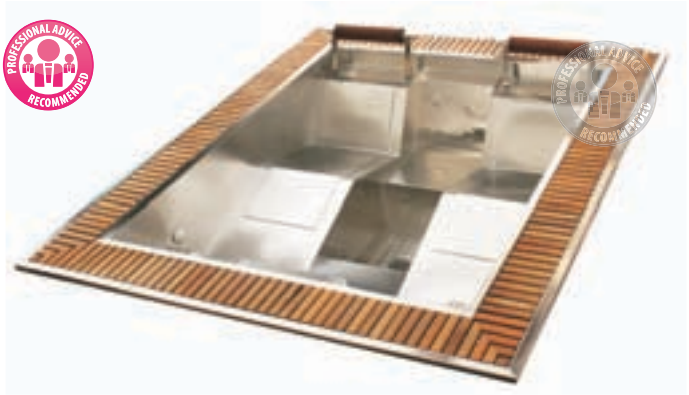
Dimensions in cm (± 1cm)	Ø 230 x 90
Positions (Seats / Loungers)	6 (6 / -)
Jets + nozzles	12 + 15
Recommended compact kit	Kit 75 - Code 05135

Equipped with overflow channel, main drain, hydromassage push buttons, and filtration, hydromassage and blower nozzles. Balance tank and compact filtration kit not included. Optional Cover sold separatly.

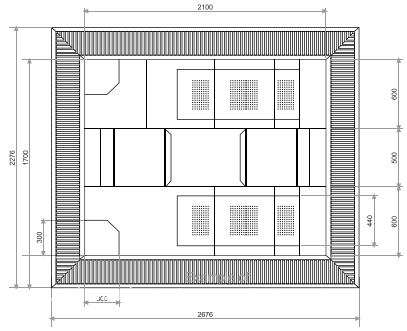
	Code
VULCANO circular stainless steel SPA + Spotligh	43723

MERCURIO

ASTRALPOOL







TECHNICAL FEATURES

Dimensions in cm (± 1cm)	268 x 230 x 90
Positions (Seats / Loungers)	4 (2 / 2)
Jets + nozzles	12 + 29
Recommended compact kit	Kit 75 - Code 05135

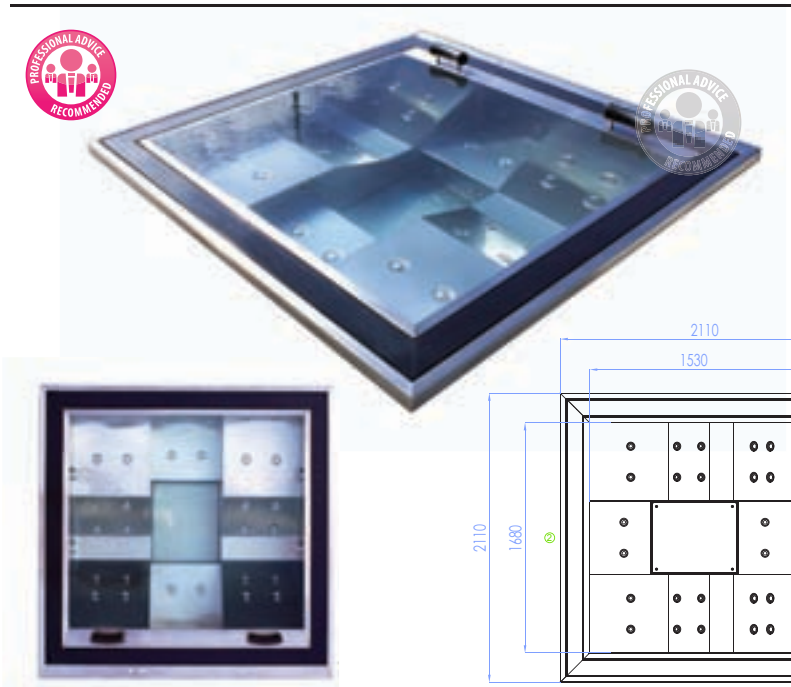
Equipped with overflow channel, main drain, hydromassage push buttons, and filtration, hydromassage and blower nozzles. Balance tank and compact filtration kit not included. Optional Cover sold separatly.

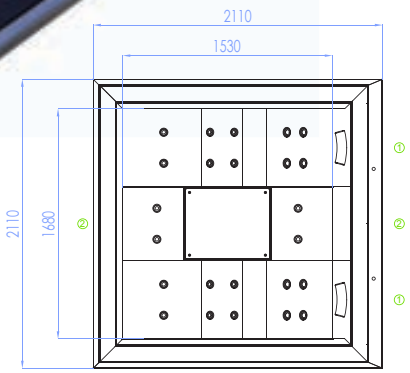
	Code
MERCURIO Rectangular Stainless steel SPA + Spotlight	71470

STAINLESS STEEL SPAS

VENUS

ASTRALPOOL





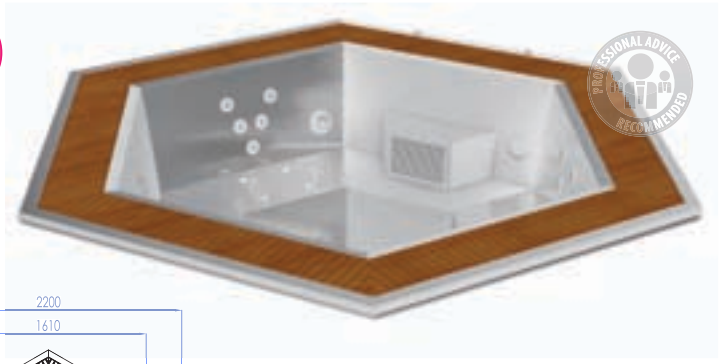
TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	211 x 211 x 90
Positions (Seats / Loungers)	4 (2 / 2)
Jets + nozzles	20 + 16
Recommended compact kit	Kit 75 - Code 05135

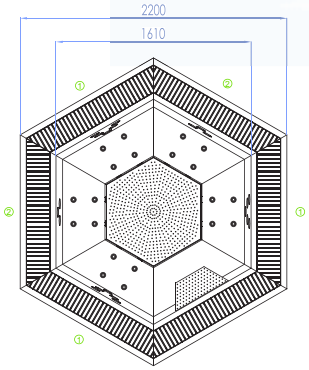
Equipped with overflow channel, main drain, hydromassage push buttons, and filtration, hydromassage and blower nozzles. Balance tank and compact filtration kit not included. Optional Cover sold separatly.

	Code
VENUS Rectangular Stainless steel SPA + Spotlight	46027

NEPTUNO

ASTRALPOOL





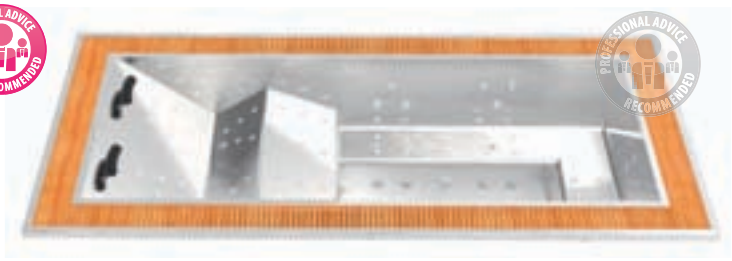
TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	254 x 220 x 100
Positions (Seats / Loungers)	5 (5 / -)
Jets + nozzles	23 + 20
Recommended compact kit	16412

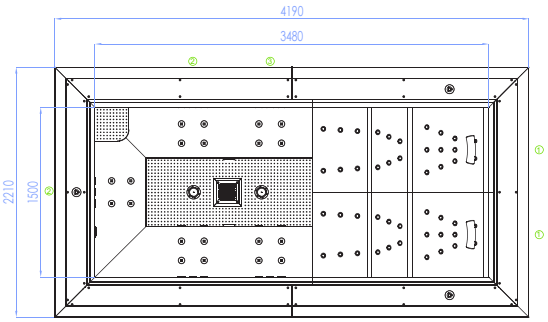
Equipped with overflow channel, main drain, hydromassage push buttons, and filtration, hydromassage and blower nozzles. Balance tank and compact filtration kit not included. Optional Cover sold separatly.

	Code
NEPTUNO Design Stainless steel SPA + Spotlight	71473

STAINLESS STEEL SPAS

ZEUS





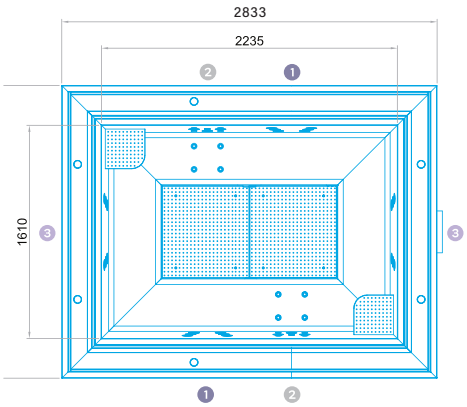
TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	348 x 150 x 98
Positions (Seats / Loungers)	7 (5 / 2)
Jets + nozzles	25 + 62
Recommended compact kit	Send inquiry

Equipped with overflow channel, main drain, hydromassage push buttons, and filtration, hydromassage and blower nozzles. Balance tank and compact filtration kit not included. Optional Cover sold separatly.

	Code
ZEUS Rectangular Stainless steel SPA + Spotlight	71474

APOLO 6





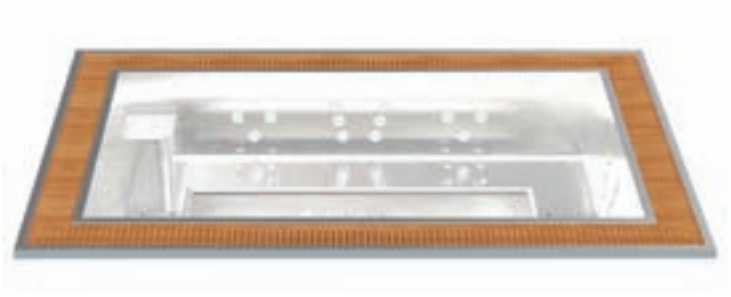
TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	224 x 162 x 98
Positions (Seats / Loungers)	6 (6 / -)
Jets + nozzles	34 + 16
Recommended compact kit	16412

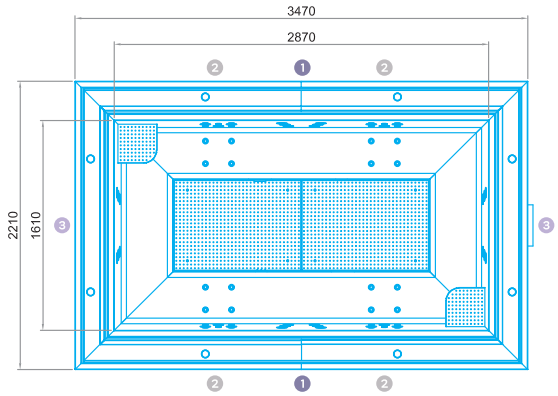
Equipped with overflow channel, main drain, hydromassage push buttons, and filtration, hydromassage and blower nozzles. Balance tank and compact filtration kit not included. Optional Cover sold separatly.

	Code
APOLO Rectangular Stainless steel SPA + Spotlight	71475

STAINLESS STEEL SPAS

APOLO 8



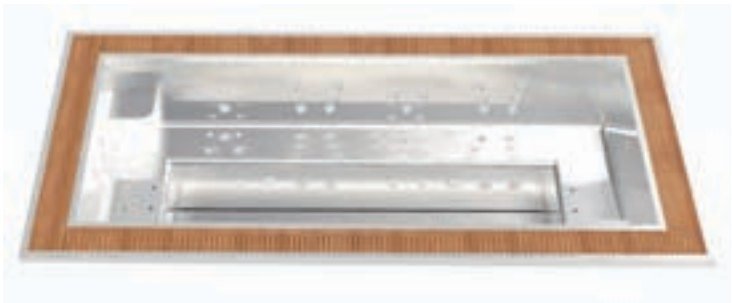


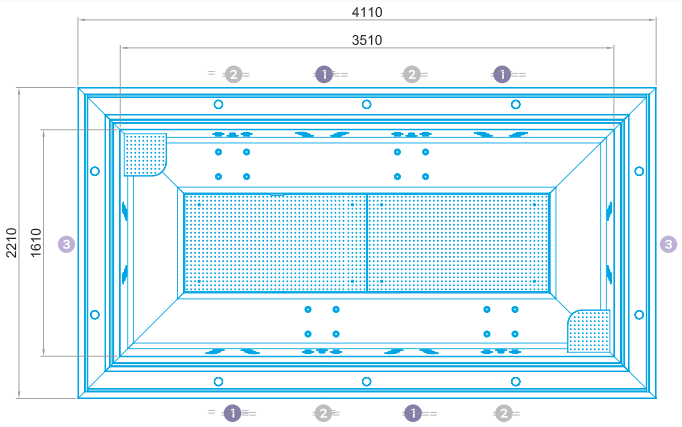
TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	288 x 162 x 98
Positions (Seats / Loungers)	8 (8 / -)
Jets + nozzles	40 + 24
Recommended compact kit	43639

Equipped with overflow channel, main drain, hydromassage push buttons, and filtration, hydromassage and blower nozzles. Balance tank and compact filtration kit not included. Optional Cover sold separatly.

	Code
APOLO Rectangular Stainless steel SPA + Spotlight	71476

APOLO 10





TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	352 x 162 x 98
Positions (Seats / Loungers)	10 (10 / -)
Jets + nozzles	56 + 24
Recommended compact kit	43639

Equipped with overflow channel, main drain, hydromassage push buttons, and filtration, hydromassage and blower nozzles. Balance tank and compact filtration kit not included. Optional Cover sold separatly.

	Code
APOLO Rectangular Stainless steel SPA + Spotlight	71477

ACRYLIC SPAS

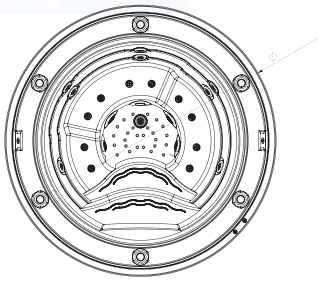
ODISEA 20

ASTRALPOOL



WHITE COLOUR (44)





TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	Ø 230
Positions (Seats / Loungers)	5 (5 / -)
Jets + nozzles	8 + 10
Recommended compact kit	Kit 50 / 75

Fully fitted with overflow channel, main drain, filtering, hydromassage and blower nozzles, hydromassage buttons and overflow grating. Balance tank not included.

	Code
ODISEA Circular Acrylic SPA + Spotlight	45709

MIRAGE 40

ASTRALPOOL



TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	Ø 250
Positions (Seats / Loungers)	6 (6 / -)
Jets + nozzles	26 + 12
Recommended compact kit	Kit 75 2M

Spa cover and balance tank sold separately.
See section "Spa accessories".

Fully fitted with overflow channel, main drain, filtering, hydromassage and blower nozzles, hydromassage buttons and overflow grating. Balance tank not included.

	Code
MIRAGE Circular Acrylic SPA + Spotlight	44630

ACRYLIC SPAS

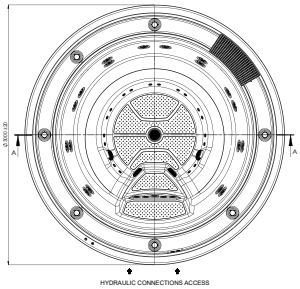
ROMA

ASTRALPOOL



COLOUR: BLUE MARBLE (46)





TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	Ø 300
Positions (Seats / Loungers)	9 (9 / -)
Jets + nozzles	18 + 18
Recommended compact kit	Kit 75 2M

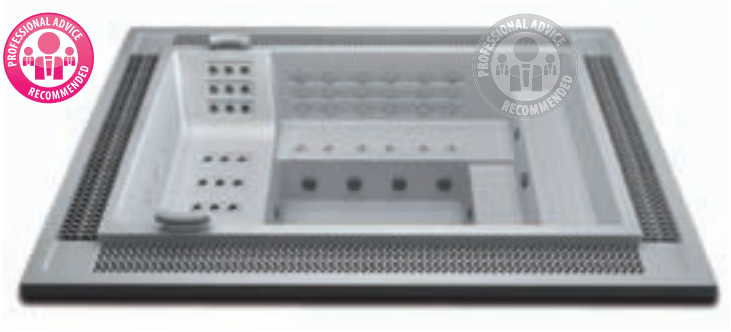
Spa cover and balance tank sold separately.
See section "Spa accessories".

Fully fitted with overflow channel, main drain, filtering, hydromassage and blower nozzles, hydromassage buttons and overflow grating. Balance tank not included.

	Code
ROMA Circular Acrylic SPA + Spotlight	40769

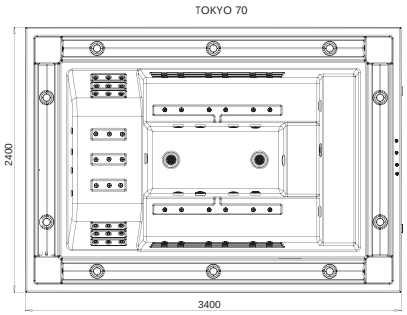
TOKYO 70

ASTRALPOOL



WHITE COLOUR (44)





TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	340 x 240
Positions (Seats / Loungers)	7 (6 / 1)
Jets + nozzles	58 + 21
Recommended compact kit	Kit 75 3M

Spa cover and balance tank sold separately.
See section "Spa accessories".

Fully fitted with overflow channel, main drain, filtering, hydromassage and blower nozzles, hydromassage buttons and overflow grating. Balance tank not included.

	Code
TOKYO Rectangular Acrylic SPA + Spotlight	53990

ACRYLIC SPAS

VERONA

ASTRALPOOL



WHITE COLOUR (44)

TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	228 x 228
Positions (Seats / Loungers)	5 (3 / 2)
Jets + nozzles	24 + 12
Recommended compact kit	Kit 75 2M

Fully fitted with overflow channel, main drain, filtering, hydromassage and blower nozzles, hydromassage buttons and overflow grating. Balance tank and compact filtration kit not included. Optional Cover sold separatly.

	Code
VERONA Rectangular Acrylic SPA + Spotlight	70550

OLYMPIA

ASTRALPOOL



BLUE MARBLE COLOUR (46)

TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	365 x 280
Positions (Seats / Loungers)	12 (12/-)
Jets + nozzles	16 + 16
Recommended compact kit	Kit 75 2M

Fully fitted with overflow channel, main drain, filtering, hydromassage and blower nozzles, hydromassage buttons and overflow grating. Balance tank and compact filtration kit not included. Optional Cover sold separatly.

	Code
OLYMPIA Acrylic SPA + Spotlight	73587

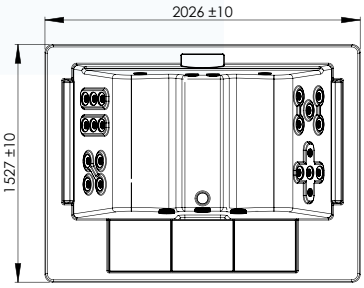
ACRYLIC SPAS

HOTEL SPA



WHITE COLOUR (44)
GRAPHITE CABINET





TECHNICAL FEATURES	
Dimensions in cm (± 1cm)	203 x 150 x 72
Positions (Seats	4 (4)
Jets	20

New model that **fills** the hot tub with water **automatically**. It fills the hot tub with new water in only **45 minutes**, making it the perfect and most practical option for hotels.

	Code
Graphite Cabinet + Stainless Steel Jets + Spotlight +Cover	71463AL320CL44

SPA RANGE

STAINLESS STEEL SPAS Comparison of models

ASTRALPOOL










MODELS	Vulcano	Mercurio	Venus	Neptuno	Zeus	Apolo 6	Apolo 8	Apolo 10
	43723	71470	71471	71473	71474	71475	71476	71477
GENERAL SPECIFICATIONS								
Internal dimensions	Ø1.73 x 0.81 m	2.10 x 1.70 x 0.80 m	1.68 x 1.53 x 0.70 m	1.86 x 1.61 x 0.90 m	3.48 x 1.51 x 0.94 m	2.24 x 1.62 x 0.98 m	2.88 x 1.62 x 0.98 m	3.52 x 1.62 x 0.98 m
External dimensions	Ø2.30 x 0.90 m	2.70 x 2.30 x 0.90 m	2.11 x 2.11 x 0.90 m	2.54 x 2.20 x 1.00 m	4.21 x 2.10 x 1.04 m	2.84 x 2.21 x 1.18 m	3.47 x 2.21 x 1.18 m	4.11 x 2.21 x 1.18 m
Positions (seats / loungers)	6 (6 / -)	4 (2 / 2)	4 (2 / 2)	5 (5 / -)	7 (5 / 2)	6 (6 / -)	8 (8 / -)	10 (10 / -)
Water capacity	1.5 m^3	2 m^3	1.23 m^3	1.2 m^3	2.65 m^3	2.40 m^3	3.20 m^3	4.00 m^3
Empty weight / Full weight	400 - 1900 kg	900 - 2900 kg	325 - 1560 kg	400 / 1600 kg	650 / 3300 kg	550 / 2950 kg	700 / 3900 kg	720 / 4720 kg
CHARACTERISTICS								
No of jets	12	12	20	23	25	34	40	56
No of air nozzles	18	32	16	20	62	16	24	24
Overflow / Skimmer	Overflow	Overflow	Overflow	Overflow	Overflow	Overflow	Overflow	Overflow
Overflow aspiration	4	4	8	6	6	6	6	8
Return inlet	2	2	1	2	3	2	4	4
Pool floor inlet	1	1	No	1	1	1	1	1
Main Drain	1	1	1	1	1	1	2	2
Colours	Stainless steel							
Headrests	No	Yes	Yes	No	On request	No	No	No
LED lights	3	2	4	3	2	2	2	4
Chromotherapy	as standard	as standard	as standard	as standard	as standard	as standard	as standard	as standard
Piezoelectric press buttons	2	2	2	2	3	2	2	2
High resistance metallic structure	•	•	•	•	•	-	-	-
OPTIONS (NOT INCLUDED)								
Stainless steel Overflow grill	Optional	Optional	Optional	Optional	Yes	Optional	Optional	Optional
Wood Overflow grill	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Cover	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
EXTRA NECESSARY EQUIPMENT								
Compact filtration kit	05135	05135	05135	16412	On request	16412	43639	43639
Balance Tank	1000 l	1000 l	1000 l	1000 l	1000 l	1000 l	1000 l	2000 l

SPA RANGE

ACRYLIC SPAS Comparison of models

ASTRALPOOL

							
MODELS	Odisea 20	Mirage 40	Roma	Tokyo 70	Verona	Olympia	Hotel SPA
	45709	44630	40769	53990	70550	73587	71463
GENERAL SPECIFICATIONS							
Dimensions (± 1cm)	Ø 230	Ø 250	Ø 300	340 x 240	228 x 228	365 x 280	203 x 150 x 72
Positions (seats / loungers)	5 (5 / -)	6 (6 / -)	9 (9 / -)	7 (6 / 1)	5 (3 / 2)	12 (12/-)	4 (4)
Water capacity	1,120 l	1,410 l	2,290 l	2,200 l	1,200 l	2,490 l	520 l
Empty weight / Full weight	163 kg / 1,283 kg	353 kg / 1,763 kg	310 kg / 2,600 kg	502 kg / 2,702 kg	147 kg / 1,347 kg	373 kg / 2,863 kg	195 kg / 715 kg
Color external finishes	44-White / 59-Sterling / 65 - Alba / 64-Pearl Shadow / 46-Blue Marble	A02 / A72	44-White / 59-Ster-ling / 46-Blue Marblel	44-White / 46-Blue Marble / 59-Sterling	44-White / 59-Ster-ling / 65 - Alba / 64-Pearl Shadow / 46-Blue Marble	44-White / 46-Blue Marble / 59-Sterling	Graphite / Thunder / Butterfly
CHARACTERISTICS							
No of jets	8	26	18	58	24	16	20
No of air nozzles	10	12	18	21	12	20	-
Color jets	White	Inox	White	Inox	White	White	Inox
Headrests	-	-	-	2	-	-	2
Cascade	-	-	-	Optional	-	-	-
Chromotherapy LED lights	Optional 1 LED	Yes 1 LED	Optional 1 LED	4 LED	Optional 1 LED	Optional 1 LED	2 LED
Galvanized metal structure	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Piezoelectric press buttons	2	2	2	3	2	2	Touch panel
Cover	Optional	Optional	Optional	Optional	Optional	Optional	Yes
EcoSpa thermal insulation							Optional
Nordic Insulation							Optional
Bluetooth Audio system 2.1							Optional
EXTRA NECESSARY EQUIPMENT							
Compact filtration kit	Kit 50/75	Kit 75 2M	Kit 75 2M	Kit 75 3M	Kit 75 2M	Kit 75 2M	
Balance Tank	1.000 l	1.000 l	2.000 l	2.000 l	1.000 l	2.000 l	
SPA FILTRATION EQUIPMENT							
Filter	Ø 500	Ø 650	Ø 650	Ø 650	Ø 650	Ø 650	
Filtration pump	0.60 Kw	0.82 Kw	0.82 Kw	0.82 Kw	0.82 Kw	0.82 Kw	0.2 Kw
Massage pump (P1)	1.4 Kw	2 x 1.81 Kw	2 x 1.81 Kw	2 x1.81Kw+2.7Kw	2 x 1.81 Kw	2 x 1.81 Kw	1.850 Kw / 2,5 CV
Blower pump	1.3 Kw	1.3 Kw	1.3 Kw	1.3 Kw	1.3 Kw	1.3 Kw	-
Electric heat	6 Kw	6 Kw	6 Kw	6 Kw	6 Kw	6 Kw	3 Kw
Ozonator	Optional	Optional	Optional	Optional	Optional	Optional	Ultraviolet Treatment UV
Water-water exchanger 20 kw	Optional	Optional	Optional	Optional	Optional	Optional	-
Push buttons / Control	Piezoelectronics	Piezoelectronics	Piezoelectronics	Piezoelectronics	Piezoelectronics	Piezoelectronics	-
Required power Low AMP (W)	9.362 W	11.802 W	11.802 W	14.485 W	11.802 W	11.802 W	3.400 W
Required power (A)	18.1 A	23 A	23 A	27.5 A	23 A	23 A	14.6 A
Voltage	400 V III + N	400 V III + N	400 V III + N	400 V III + N	400 V III + N	400 V III + N	400 V III

KITS FOR SPAS

OPTIONAL KITS FOR SPAS

				
MODELS	Kit 50	Kit 75	Kit 75 2M	Kit 75 3M
	04015	05135	16412	43639
GENERAL SPECIFICATIONS				
Filter	Ø 500	Ø 650	Ø 650	Ø 650
Filtration pump	0.60 Kw	0.82 Kw	0.82 Kw	0.82 Kw
Massage pump (P1)	1.4 Kw	1.4 Kw	2 x 1.81 Kw	2 x 1.81 Kw + 2.7 Kw
Blower pump	1.3 Kw	1.3 Kw	1.3 Kw	1.3 Kw
Electric heat	6 Kw	6 Kw	6 Kw	6 Kw
Ozonator	Optional	Optional	Optional	Yes
Dosific. auto + pH y Cl. control	Optional	Optional	-	-
Water-water exchanger 20 kW	Optional	Optional	Optional	Optional
Push buttons / Control	Piezoelectric	Piezoelectric	Piezoelectric	Piezoelectric
Required power Low AMP (W)	9,362 W	9,582 W	11,802 W	14,485 W
Required power (A)	18.1 A	19.2 A	23 A	27.5 A
Voltage	400 V III + N	400 V III + N	400 V III + N	400 V III + N

COMPLEMENTS FOR SPAS



POLYESTER BALANCE TANK

Used for collecting water volume displaced in overflow channel of commercial spas.

	Code
1000 litres capacity (162 x 122 x 83 cm)	11372
2000 litres capacity (204 x 160 x 75 cm)	27865



PE BALANCE TANK

1000 litres capacity. Used for collecting water volume displaced in overflow channel of commercial spas..

	Code
158 x 92 x 95 cm	17144

TECHNICAL FEATURES

Code	Balance tank	Spa model
11372	1000 litre polyester tank	Casiopea, Formentera, Veneda, Colliseum, Odisea 20, Mirage 40
17144	1000 litre polyethylene tank	
27865	2000 litre polyester tank	Olympia, Wellmax, Casiopea, Formentera, Venecia, Colliseum, Odisea 20, Mirage 40



COVERS FOR SPAS

	Code
Odisea 20 / Infinity Spa Cover	45721
Olympia Spa Cover	73587
Mirage Spa Cover	41892
Tokyo Spa Cover	54184
Verona Spa Cover	71194
Roma Spa Cover	62402

NORDIC BATHS



WOODEN NORDIC BATH

The baths are made with the best quality of Red Cedar (grade 2.40 mm thick) for maximum durability. They are available in different diameters from 150 cm to 220 cm to accommodate 2 to 8 people.

	Code
Wooden nordic bath	
150 cm - 2/3 people	74095
160 cm - 3/4 people	74096
180 cm - 5/6 people	74109
200 cm - 6/7 people	74110
220 cm - 7/8 people	74111



STAINLESS STEEL NORDIC BATH

The baths are made with the best quality of Red Cedar (grade 2.40 mm thick) and stainless steel for maximum durability. They are available in different diameters from 150 cm to 220 cm to accommodate 2 to 8 people.

	Code
Stainlees Steel nordic bath	
150 cm - 2/3 people	74112
160 cm - 3/4 people	74113
180 cm - 5/6 people	74114
200 cm - 6/7 people	74115
220 cm - 7/8 people	74116

NORDIC BATHS



STAINLESS STEEL BATH

AstralPool Nordic bath offers a unique filtration and treatment technology for Nordic baths to guarantee bacteria-free water.

- Ultra fine 1 micron filtration captures 100% of particles.
- The 18 m^3/h pump have a 6 minutes turnover.
- High radiation UV and Ozone treatments kill bacteria and disinfect the water.
- OZONE CHOC® treatment cleans biofilms and eliminates bacteria (international patent EP2785648).
- The measurement and management of water quality are managed by an integrated computer (ORP reader, pH, T° C).

	Code
Water treatment nordic bath	
Standard	74117
PRO	74118
PRO+	74119

TECHNICAL FEATURES

Code	Description	Pump	Ozone generator	UV	Heater	PH/ORP gestion	Smartphone APP
74117	Water treatment nordic bath Standard	550 w	1 lamp	1 lamp	3 kw	-	-
74118	Water treatment nordic bath PRO	550 w	2 lamps	1 lamp	3 kw	Yes	-
74119	Water treatment nordic bath PRO+	750 w with integrated heater 1.5 wh	3 lamps	1 lamp	3 kw + 3 kw	Yes	Yes



RELAX

488 COATED RELAX LOUNGERS

488 Classic Lounger
489 Retro Lounger
490 Luxor Lounger
491 Zen Lounger
492 Destination Lounger

493 RELAX LOUNGERS

493 SPÆCIAL Relax Lounger
494 Aqua Lounger
495 Calm Chair
496 Calm Lounger
497 Elna Lounger
498 Vega / Vega Wet Lounger

ASTRALPOOL

SR Smith

COATED RELAX LOUNGERS



CLASSIC LOUNGER

The Classic model with a Cleopatra-style base and square footrest is available in both heated (design with electric cover) and unheated solutions. This model also offers the option of straight or rounded base corners.

The Lounger kit assembly contains:

- Top of the lounger.
- Base of the lounger.
- Installation auxiliary material: Adhesive fiberglass tape 10 cm x 45 m (1 unit), mortar joint treatment MJ-73 5 kg (1 un.), and AR-99 Reactive Adhesive 6 kg (1 un.)

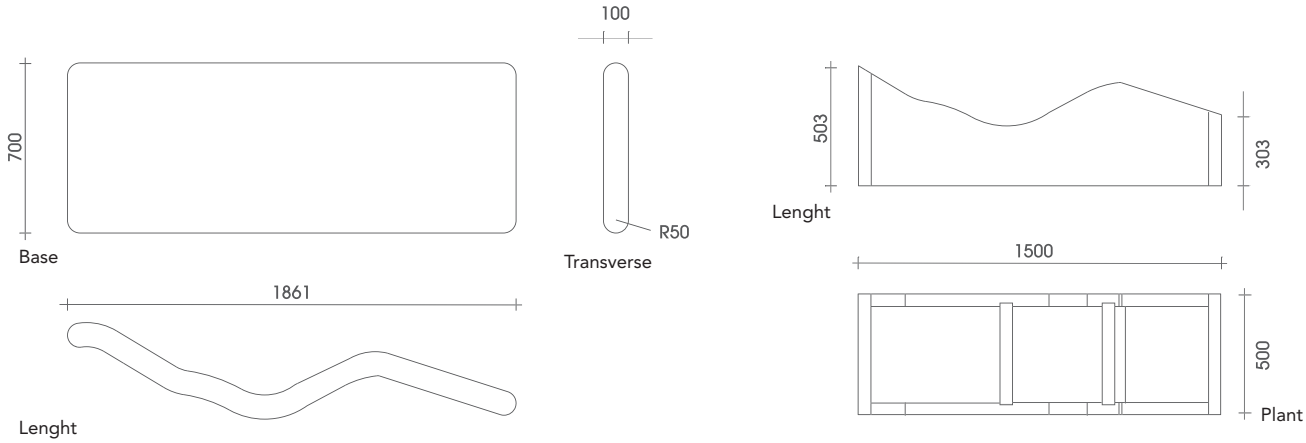
Area to be tiled:

- Lounger base with Straight/Rounded edges: 1.5 m^2
- Lounger (top component): 2.5 m^2 (the area just above the base that cannot be seen does not need tiling)

Technical specifications:

- Core: high density rigid expanded polystyrene core
- (EPS), CFC and HCFC free and fire retardant additive incorporated, in accordance with EN 13163.
- Lounger installation kit included

	Code
Classic Lounger With Straight-Edged Base Without Heating Sheet	67749
Classic Lounger With Straight-Edged Base With Heating Sheet	67750
Classic Lounger With Rounded-Edged Base Without Heating Sheet	67751
Classic Lounger With Rounded-Edged Base With Heating Sheet	67753



COATED RELAX LOUNGERS

RETRO LOUNGER



The Retro model with a Cleopatra-style base and oval footrest is available in both heated (design with electric cover) and unheated solutions.

Without Heating

The Lounger kit assembly contains:

- Base of the lounger.
- Top of the lounger.
- Installation auxiliary material: Adhesive fiberglass tape 10cm x 45m (1 unit), mortar joint treatment MJ-73 5 kg (1 un.), and AR-99 Reactive Adhesive 6 kg (1 un.).

With Electrical Heating

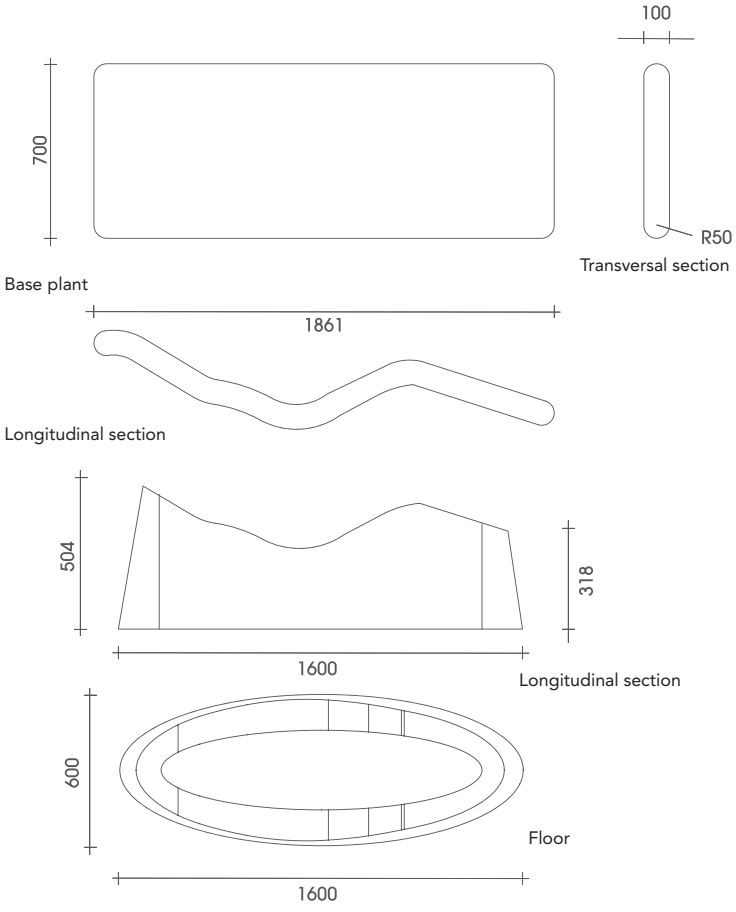
The Lounger kit assembly contains:

- Top of the lounger with heating sheet integrated of 220 W/m^2.
- Base of the lounger.

Installation auxiliary material:

- Adhesive fiberglass tape 10 cm x 45 m (1 unit), mortar joint treatment MJ-73 5 kg (1 un.), and AR-99 Reactive Adhesive 6 kg (1 un.)
- –220V to 24V Transformer, to be located in separate room, to wet zone can only pass 24V.
- Thermostat and temperature probe

	Code
Retro Lounger Without Heating	67754
Retro Lounger With Electrical Heating	67755



COATED RELAX LOUNGERS



LUXOR LOUNGER

The Luxor model with a reclining Cleopatra-style base is designed to be installed directly on the floor. Available in both heated (design with electric cover) and unheated solutions.

Without Heating

The Lounger kit assembly contains:

- Lounger Pool
- Installation auxiliary material: Adhesive fiberglass tape 10 cm x 45 m (1 unit), mortar joint treatment MJ-73 5 kg (1 un.), mortar IMPER 2K 8 kg (1 un.) and AR-99 Reactive Adhesive 6 kg (1 un.).

Area to be tiled: 2.95 m^2

- Lounger base with Straight/Rounded edges: 1.5 m^2
- Oval base: 1.3 m^2
- Lounger (top component): 2.4 m^2 (the area just above the base that cannot be seen does not need tiling)

With Electrical Heating

The Lounger kit assembly contains:

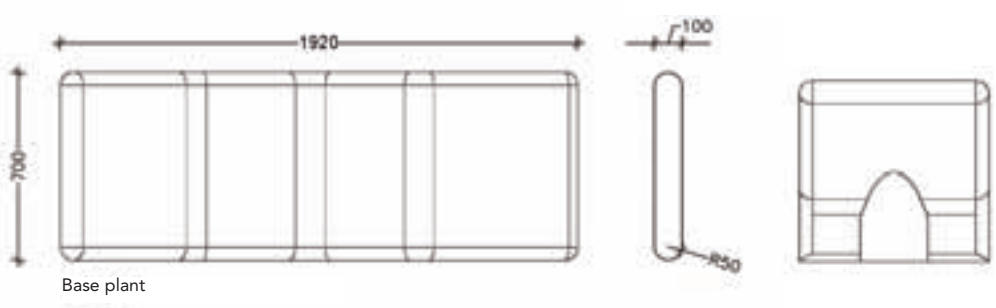
- Lounger Pool with heating sheet integrated of 220 W/m^2.
- Installation auxiliary material: Adhesive fiberglass tape 10 cm x 45 m (1 unit), mortar joint treatment MJ-73 5 kg (1 un.), mortar IMPER 2K 8 kg (1 un.) and AR-99 Reactive Adhesive 6 kg (1 un.).
- 220V to 24V Transformer, to be located in separate room, to wet zone can only pass 24V.

	Code
Luxor Lounger Without Heating	67756
Luxor Lounger With Electrical Heating	67757



Longitudinal section

Transversal section



Base plant

COATED RELAX LOUNGERS



ZEN LOUNGER

The Zen model has a disruptive and innovative design that fits all types of projects, from spaces set in the Asian wilds to new contemporary interior design. Its ergonomic and enveloping structure makes Zen a must-have element of relaxation. Available in both heated (design with electric cover) and unheated solutions.

Without Heating

The Lounger kit assembly contains:

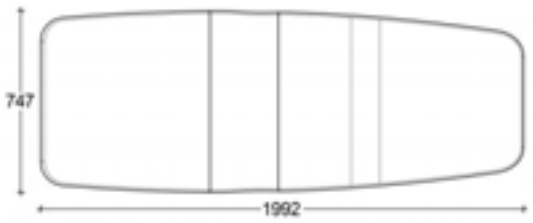
- Lounger Zen
- Assembly Accessories Kit N.6 (code 72042) included:
  - 1 un. cod. 71626 - Joint Mortar MJ-73 (5 kg),
  - 1 un. cod. CINTA1010 - Adhesive Fiberglass Tape (10 cm x 45 m),
  - 2 un. cod. 71933 - Polymer Adhesive (290 ml)

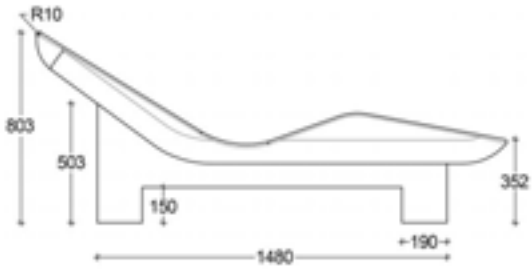
With Electrical Heating

The Lounger kit assembly contains:

- Lounger Zen with heating sheet integrated of 220 W/m^2.
- Assembly Accessories Kit N.6 (code 72042) included:
  - 1 un. cod. 71626 - Joint Mortar MJ-73 (5 kg),
  - 1 un. cod. CINTA1010 - Adhesive Fiberglass Tape (10 cm x 45 m),
  - 2 un. cod. 71933 - Polymer Adhesive (290 ml)
- 220V to 24V Transformer, to be located in separate room, to wet zone can only pass 24V.

	Code
Zen Lounger Without Heating	71963
Zen Lounger With Electrical Heating	71964





COATED RELAX LOUNGERS

DESTINATION LOUNGER



The Destination Lounger lets you relax and enjoy the pool without a splash. Elegant design and sturdy construction combine to give pool owners the opportunity to upgrade their sun shelf space with ease. Made using an advanced RTM manufacturing process, Destination Loungers are lightweight yet strong. The innovative design allows pool owners to easily fill the base section with water but, more importantly, also allows them to move the lounger to remove water so it's easy to take it off the sun shelf when not in use.

- Perfect for commercial use
- For use on a pool ledge with water depths up to 30 cm
- High-quality RTM composite material
- UV protection to resist fading
- Compatible with all pool types, including vinyl
- Exclusive colors and visual textures
- Easy to drain and remove when not in use

4 colors available:



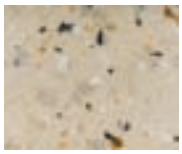
Solid Gray



Solid Tan

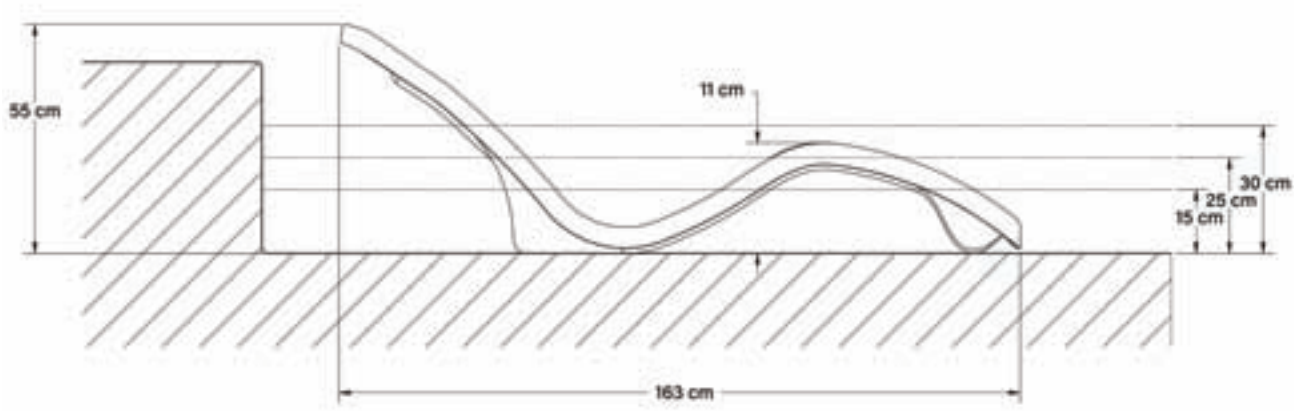


Starry Night



Seashell

	Code
Destination Lounger - Solid Tan	DS-1-51
Destination Lounger - Solid Gray	DS-1-52
Destination Lounger - Starry Night	DS-1-60
Destination Lounger - Seashell	DS-1-61



Weight of empty lounger = 11 kg
Weight of lounger in water:
15 cm Depth = 24 kg
23 cm Depth= 29 kg
30 cm Depth= 31 kg

RELAX LOUNGERS

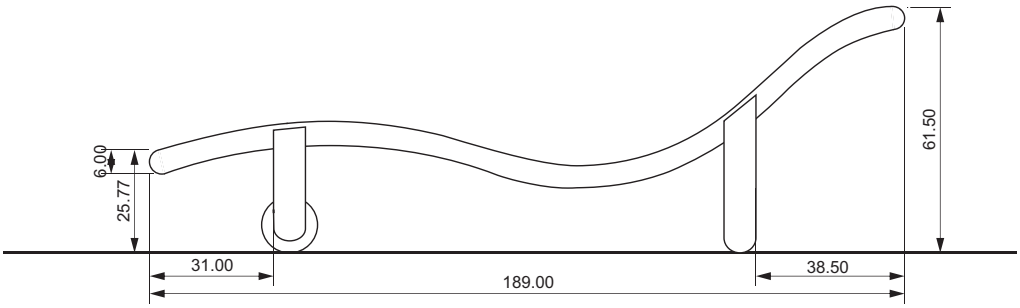


SPÆCIAL RELAX LOUNGER

Made entirely of Scandinavian spruce and specially designed for wet areas (not recommended for outdoor use). This easily transportable lounger comes in a wide range of colors.

- Completely manufactured in scandinavian spruce.
- Specially designed for humidity areas.
- Not recommended for outdoor use.

	Code
Spæcial Relax Lounger	44421
Mattress For Spæcial Relax Lounger	44422



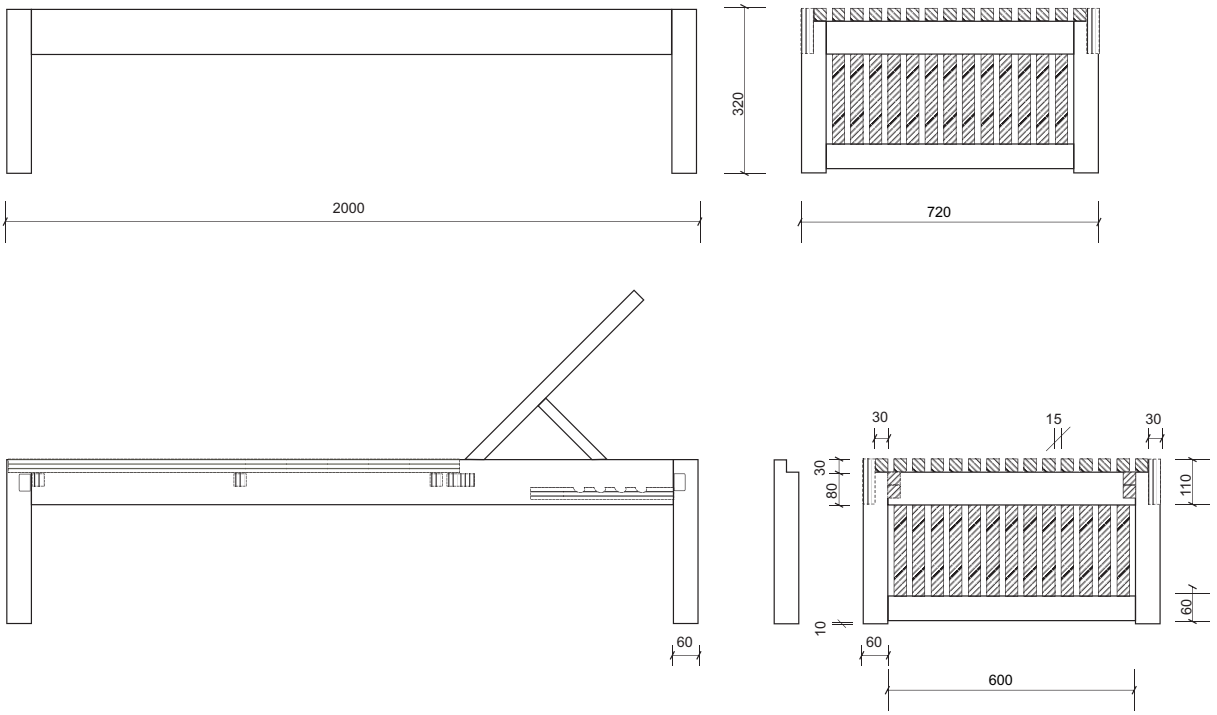
RELAX LOUNGERS

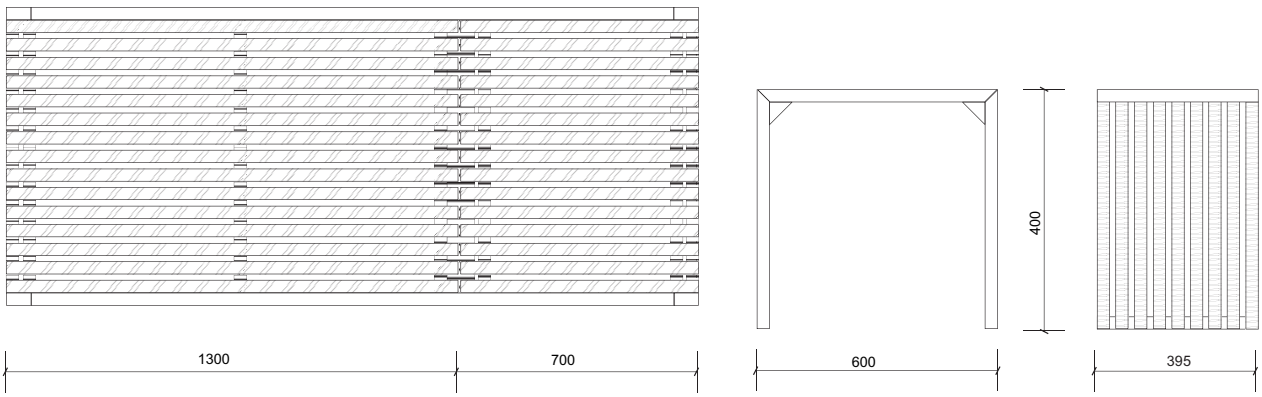


AQUA LOUNGER

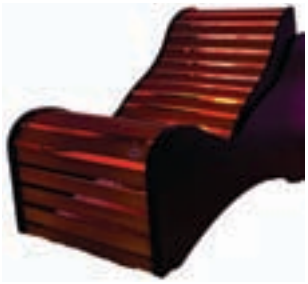
Simple, fine, and elegant design. Made of premium wood, this lounger with adjustable backrest is the ideal option for casual conversations between cycles of contrast therapy.

	Code
Aqua Lounger	On request





RELAX LOUNGERS



CALM CHAIR

The Calm chair for professionals is designed for long periods of continuous use. This lounge chair for toning and relaxation rooms can be manufactured with infrared lamps to relieve localized muscle tension.

Materials

- Sides: Made in birch plywood board with phenolic resin sheets for external protection (depending on the model)Boards: Made in Iroko.
- Levelling feet: AISI 304 stainless steel rod. Plastic support
- Neck pad (optional): fireproof Polyskin - M2 category.
- Lamp: Lampholder fixed on 3mm HPL structure with 3mm tempered glass protector

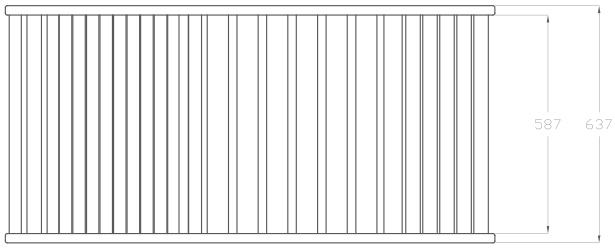
Characteristics

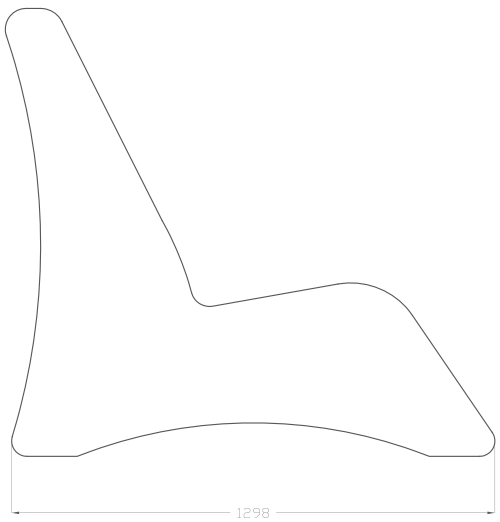
- Dimensions (mm): 1205 x 637 x 1298
- Power (kw): 0 / 0.4
- Models:
  - Without lamp
  - 4 infrared lamps.

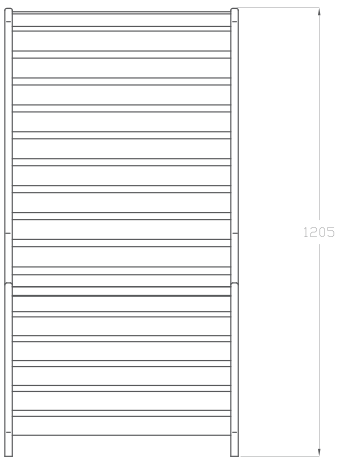
Electric Systems

- Infrared lamp:
  - Model: PAR 38 IR Red
  - Power: 100 W
  - Useful life: 5000 h
- Control pannel: Switch or timing switch
- Connection: 230 V I + Neutro

	Code
Calm - Relax Chair With Infrared Lamps	73901







RELAX LOUNGERS



CALM LOUNGER

The Calm Lounge for professionals is designed for long periods of continuous use. This lounge chair for toning and relaxation rooms can be manufactured with infrared lamps to relieve localized muscle tension.

Materials

- Sides: Made in birch plywood board with phenolic resin sheets for external protection (depending on the model)Boards: Made in Iroko.
- Levelling feet: AISI 304 stainless steel rod. Plastic support
- Neck pad (optional): fireproof Polyskin - M2 category.
- Lamp: Lampholder fixed on 3mm HPL structure with 3mm tempered glass protector

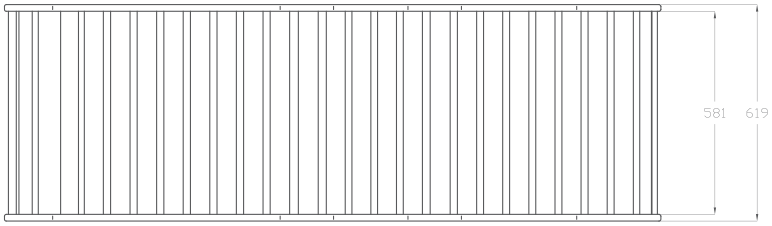
Characteristics

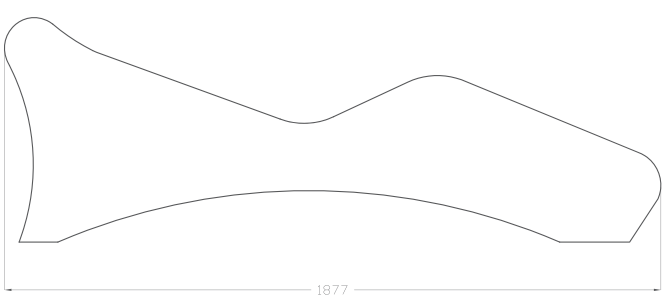
- Dimensions (mm): 683 x 619 x 1877
- Power (kw): 0 / 0.4
- Models:
  - Without lamp
  - 4 infrared lamps.

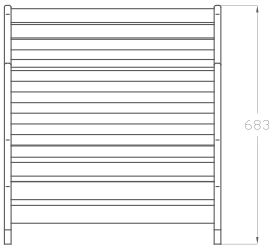
Electric Systems

- Infrared lamp:
  - Model: PAR 38 IR Red
  - Power: 100 W
  - Useful life: 5000 h
- Control pannel: Switch or timing switch
- Connection: 230 V I + Neutro

	Code
Calm lounge - relax deckchair with infrared lamps	73902







RELAX LOUNGERS



ELNA LOUNGER

Elna is designed for professionals and long periods of continuous use. This relaxation and toning room lounger in solid surface has a temperature-controlled heating system.

Materials

- Lounger: Solid surface of 12 mm thick.
- Heating system: Thermal blanket made of 2 layers of 50g/m² perforated polyester fabric and a PETG protective layer on both sides.
- Internal insulation: 10 mm thick construction panel.
- Levelling feet: AISI 304 stainless steel rod. Plastic support.
- Neck pad: fireproof Polyskin - M2 category.

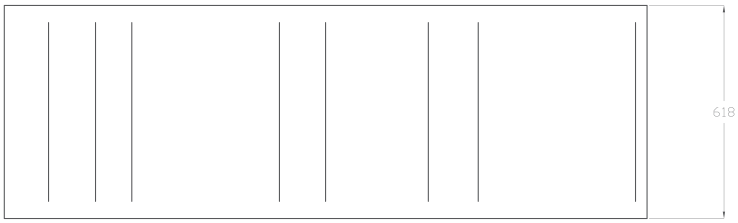
Characteristics

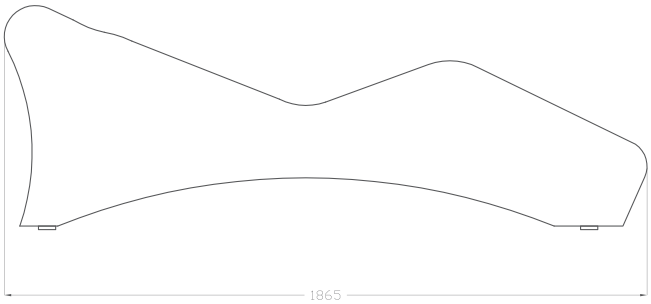
- Dimensions (mm): 650 x 560 x 1865
- Power (kw): 0.29

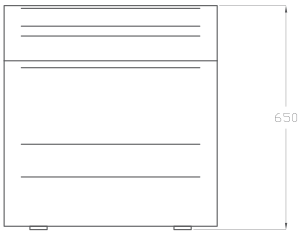
Electric Systems

- Thermal blanket:
  - Connection: 24V.
  - Power 250 W - 285 W / m².
- Control panel: Digital thermostat with temperature control (max: 40 °C).
- Connection: 230 V I + Neutro

	Code
Elna - Relax Lounger In Solid Surface	73903







RELAX LOUNGERS



VEGA / VEGA WET LOUNGER

Stylish shapes, harmonious and ergonomic curves. Vega's wooden structure comes with standard "soft-touch" fire-resistant polyurethane upholstery.

Vega Wet is the option for wet areas. It comes in a painted-metal structure and the upholstery can be optionally waterproof.

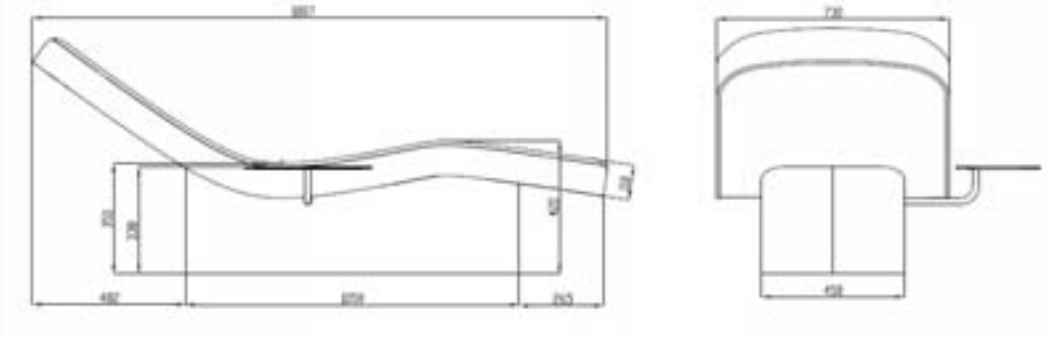
VEGA

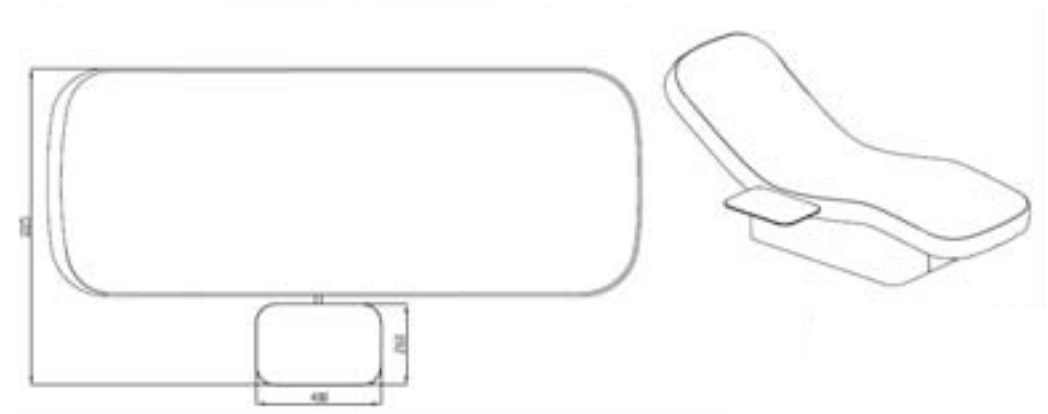
- Wooden structure
- Harmonious and ergonomic design and curved shapes
- Fire-resistant "soft-touch" polyurethane upholstery.

VEGA WET

- Metal structure painted in white or other RAL colors (see below)
- Suitable for wet zones
- Harmonious and ergonomic design and curved shapes
- Standard upholstery: "Fire resistant soft-touch" polyurethane.
- Optional upholstery: waterproof (see below)

	Code
Vega - Relax Lounger	N9225
Vega Wet - Relax Lounger	N9226





RELAX LOUNGERS

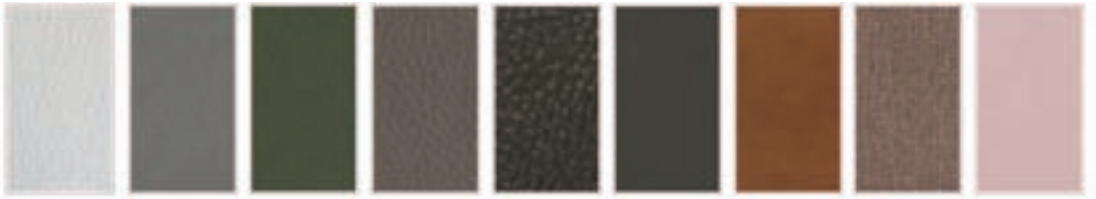
VEGA / VEGA WET LOUNGER

VEGA / VEGA WET LOUNGER - SKAY STANDARD FINISHES



804 white | 810 beige | 825 light beige | 826 bright beige | 805 espresso | 806 black | 840 | 842

VEGA / VEGA WET LOUNGER - SKAY SPECIAL FINISHES



818 pearl | 574 fango vintage | 824 dark green | 918 visone | 6040 brown genuine leather | 827 dark brown | 584 new cuoietto | 538 bouclè rose | 828 rosa sarah lavoine

RELAX LOUNGERS

VEGA / VEGA WET LOUNGER

VEGA LOUNGER – STRUCTURE



Wood: Nut

VEGA WET LOUNGER – STRUCTURE



White

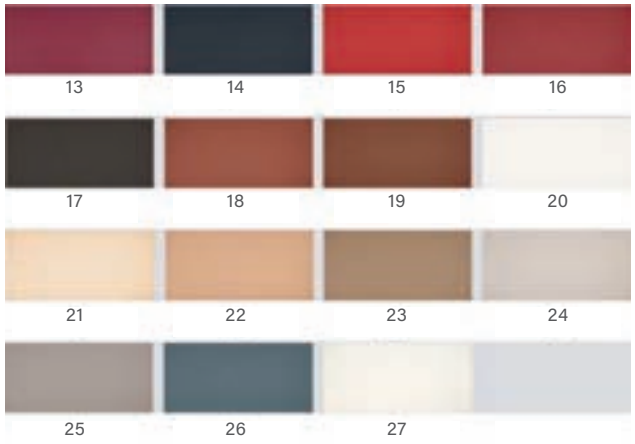


Black

If the table is placed near a swimming pool or sauna, we recommend the Wet Relax Lounger version (with metal frame and waterproof upholstery)

VEGA WET LOUNGER – OPTIONAL WATER-RESISTANT UPHOLSTERY









TREATMENTS

504 TREATMENT SHOWERS
504 Kneipp Shower
505 Vichy Shower

506 HALOTHERAPY SYSTEMS
506 Himalaya Cube
507 Sanama Salt Cabin
508 Salt Wall
508 Salt Diffuser

509 PORTABLE MASSAGE BEDS
509 Confortflex
509 Deluxe
509 Marlin

511 SPA TABLES
511 Earth
511 Genuine
511 Sense
511 Daphne
512 Apolo
512 Ocean
512 Aqua
512 Venus

TREATMENT SHOWERS



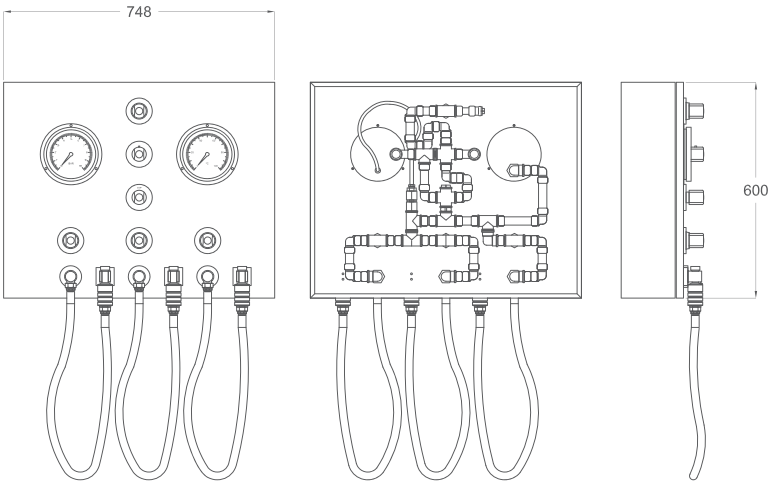
KNEIPP SHOWER

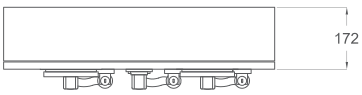
Professional contrast hydrotherapy shower featuring three separate hoses, each with its own massage nozzle for water pressure treatments controlled by a physiotherapist.

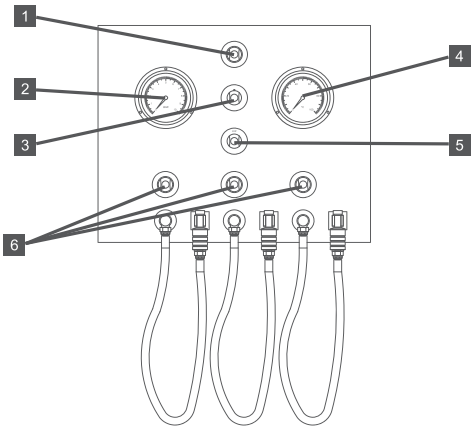
	Code
Kneipp Shower	73904

TECHNICAL FEATURES

Code	Description	Consumption 3 Bar (L/M)	Dimensions (MM)	Material	Push button and timer
73904	Kneipp Shower	20 - 30	600 x 748 x 172	Stainless steel 316	45219 + 35761







1- Shut-off valve for upper sprinkler (Optional)
2- Barometer
3- Thermostatic mixer
4- Thermometer
5- Cold/Hot water selector
6- Shut-off valve for the different hoses

TREATMENT SHOWERS



VICHY SHOWER

ASTRALPOOL

Professional contrast hydrotherapy shower featuring a fixed or adjustable arm in 316 stainless steel with 5 heads in 3 different positions: rain - massage - mist.

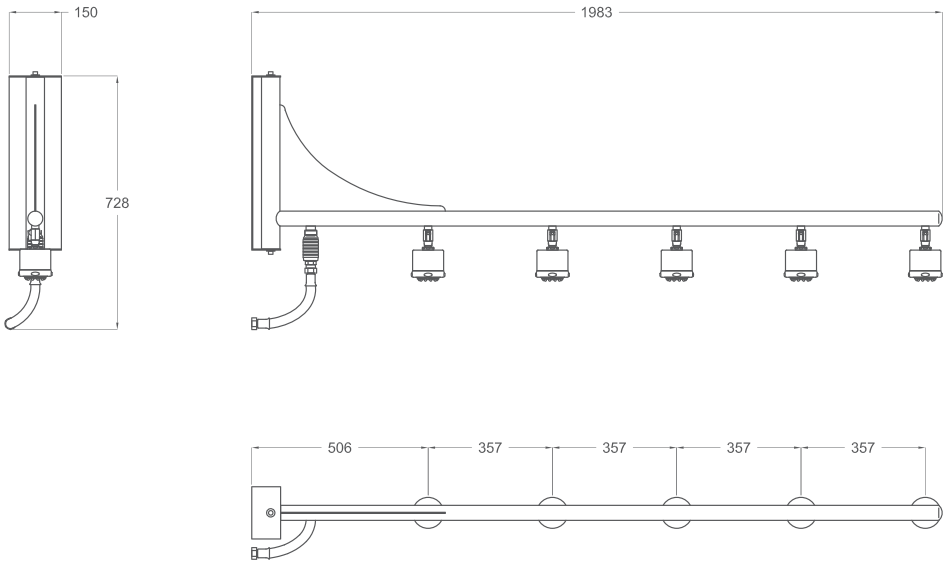
For treatments controlled by a physiotherapist.

	Code
Vichy Shower Articulated arm	73905
Vichy Shower Fixed arm	73906

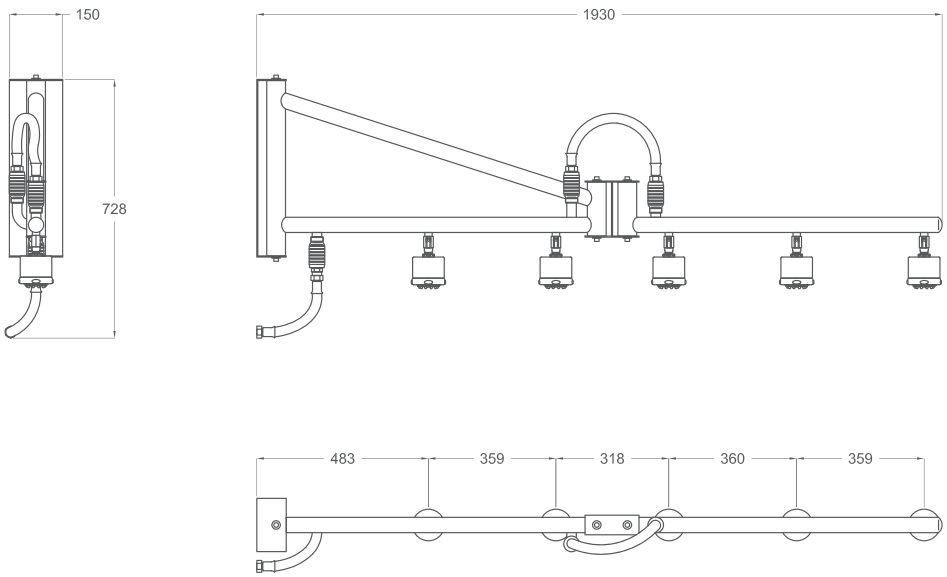
TECHNICAL FEATURES

Code	Description	Consumption 3 bar (l/m)	Power (kW)	Dimensions hydraulic equipment (mm)	Dimensions electric equipment (mm)	Control pannel	Connection
73905	Vichy Shower Articulated arm	20 - 30	0.1	420 x 420 x 210	290 x 230 x 90	Touch screen LCD	230 V + I + Neutro + ground
73906	Vichy Shower Fixed arm	20 - 30	0.1	420 x 420 x 210	290 x 230 x 90	Touch screen LCD	230 V + I + Neutro + ground

73906



73905



HALOTHERAPY SYSTEMS



HIMALAYA CUBE

ASTRALPOOL

+ Portable salt spray made from natural Himalayan salt bricks, backlit with LED light.

+ Himalaya Cube creates unique and relaxing moods, blending elements like aroma, music, and color with halotherapy.

Included elements:

- Pannel control with LED screen.
- Hours schedule programming.
- Aroma diffuser.
- Button for selection.
- Electronic control of temperature.
- Integrated MP3 player with SD electronic card. Synchronisation with chromotherapy.
- High power LED chromotherapy.
- Chromotherapy synchronisation with ISO equipment.
- Packaging.

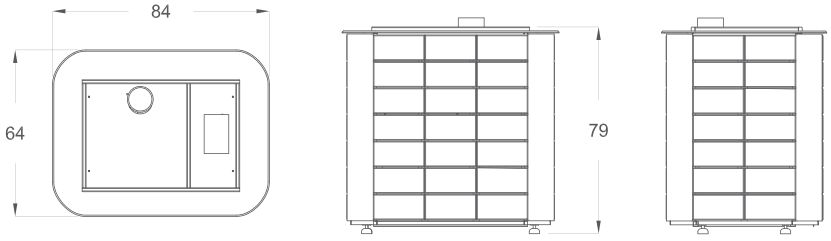
Optionals

- 90118 Air extractor.

	Code
Himalaya Cube	73907

TECHNICAL FEATURES

Code	Description	SIZE (lenght x width x height)(cm)	WEIGHT (kg)	POWER (kw)	CONNECTION
73907	Himalaya Cube	84 x 64 x 79.4	200	0.3	230 V - 50/60 Hz



HALOTHERAPY SYSTEMS



SANAMA SALT CABIN

ASTRALPOOL

+ **Sanama features a modern design that fuses natural wood with elements of Himalayan salt*.**
+ **Top-of-the-line finishes and outstanding details make this product a must-have for any wellness area.**

	Code
150 x 150 x 210 Sanama Salt Cabin	65400S
150 x 218 x 210 Sanama Salt Cabin	65401S
218 x 218 x 210 Sanama Salt Cabin	65402S
286 x 318 x 210 Sanama Salt Cabin	65403S

* Independent salt cabin modules.

TECHNICAL FEATURES

Code	Model	Dimensions	Cabin Panels						
			Hemlock Plywood	Nordic Spruce	White Pine	Thermo Aspen / Alder / Pine	Red Cedar	Magnolia	Bench Wood
65400S	Sanama Salt Cabin	150 x 150 x 210	Standard	N/A	N/A	N/A	N/A	N/A	Thermo Aspen
65401S		150 x 218 x 210							
65402S		218 x 218 x 210							
65403S		286 x 318 x 210							

HALOTHERAPY SYSTEMS



SALT WALL

ASTRALPOOL

+ As simple as relaxing and breathing inside a room with salt particles in the air.
+ AstralPool's salt walls are made of blocks of Himalayan salt and built on a transparent methacrylate panel.
+ Exceptionally easy to install and maintain. These walls include LED backlighting. Combine it with the Himalaya Cube.

Included elements:

- Mineral salt brick from Asia 200 x 100 x 25.
- Transparent laminated glass 5 + 5.
- LED lighting with profile and diffuser.
- 12V power supply.

	Code
Salt Wall	73881



TECHNICAL FEATURES

Code	Description	Size	Lighting
73881	Backlit salt wall	On request /m²	LED 12V White strip



SALT DIFFUSER

ASTRALPOOL

Salt nebulizer for inhalation for sauna or dry environment.

Components:

- Peristaltic pump
- Piston compressor
- Control unit
- Spray nozzle
- Illuminated switch
- Includes a 5L can installed on the structure and a spare 5L can.

	Code
Salt Diffuser	73882

TECHNICAL FEATURES

Code	Room maximum size (m²)	Size (mm)	Dosage maximum output	Electrical connection	Power consumption
73904	35	580 x 630 x 25	3.3 l/h in continuous operation	230v / 50HZ	400w

PORTABLE MASSAGE BEDS

CONFORTFLEX

ASTRALPOOL



Quality construction

- Comfortable Therafoam padding.
- Soft-touch PU upholstery
- Raisable backrest
- European beech wood frame
- Affinity ergonomic breathing hole and plug
- Easy grip thumbscrews for easy height adjustment
- Reiki panels
- Quick set-up
- Generous height adjustment
- Includes bag with wheels for transport
- Holes on each end to hold the paper towel/head
- Soft touch carrying handle
- Rounded corners
- Anti-slip feet
- Excellent stability

	Code
Beige Confortflex	AFCFLEX3/B
Cafélatte Confortflex	AFCFLEX3/L

DELUXE

ASTRALPOOL



Quality construction

- Comfortable Therafoam padding
- Soft-touch PU upholstery
- Super-comfortable
- European beech wood frame
- Easy grip thumbscrews for easy height adjustment
- Reiki panels
- Quick set-up
- Generous height adjustment
- Includes bag with wheels for transport
- Holes on each end to hold the paper towel/head
- Soft touch carrying handle
- Rounded corners
- Anti-slip feet
- Excellent stability

	Code
Beige Deluxe	AFDLX2/B
Purple Deluxe	AFDLX2/P

MARLIN

ASTRALPOOL



Quality construction

- Exceptionally comfortable
- Raisable backrest
- Therafoam Sports Padding
- Easy transport
- Excellent stability
- Clean lines
- Reiki panels
- Quick set-up
- Generous height adjustment
- Affinity ergonomic breathing hole and plug
- The UK's favorite
- Includes bag with wheels for transport
- Holes on each end to hold the paper towel/head
- Anti-slip feet
- Soft touch carrying handle
- Solid aluminum frame

	Code
White Marlin	AFALU4/W
Navy Marlin	AFALU4/N

PORTABLE MASSAGE BEDS

PORTABLE MASSAGE BEDS Comparison of models

ASTRALPOOL

TECHNICAL FEATURES

	AFCFLEX3/B	AFCFLEX3/L	ADLX2/B	ADLX2/P	ADLX2/B	ADLX2/P
Height adjustment:	26" - 32" (66cm 81cm)		26" - 32" (66cm 81cm)		32.5" (62cm 82.5cm)	
Weigth:	16kgs		16kgs		25" - 14.4kg 28" - 16.5kg	
Dimensions:	Unfolded: L: 73" (185cm), W: 27" (68cm)		Unfolded: L: 73" (185cm), W: 27" (68cm) Folded: L36.5" (92.7cm), H27" (68cm), D9.4" (24cm)		Length 73" (185cm), Anchi 25" (63cm)/ Width 28" (71.2cm)	
Materials:	Wooden frame with 2.5 "Therafoam padding, PU vinyl.		Wooden frame with 2.5 "Therafoam padding, PU vinyl.		Aluminum frame and base with 2 "semi firm, padded Therafoam, PVC vinyl ".	
Working weight:	450lbs (205kgs) impact		450lbs (205kgs) impact		450lbs (205kg/32 impact)	
Warranty	2 years		2 years		2 years	
Cradle / Towel support	Both end		Both end		Both end	
Armrest	Included		Included		-	
Headrest	Included		Included		-	
Case	Included		Included		Included	
Color	BEIGE	CAFÉLATTE	BEIGE	PURPLE	WHITE	NAVY
Shipping measures (approx)	L95cm x W23cm x H85cm Gross weight: 25kg.		L95cm x W26cm x H84cm. Gross weight: 23.5kg.		25" L96cm x W23cm x H70cm. Gross weight: 19kgs. 28" L96cm x W24cm x H78cm. Gross weight: 21kgs	

SPA TABLES

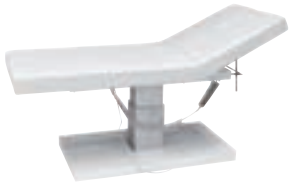


EARTH

ASTRALPOOL

Multifunctional table ideal for facial, body, and massage treatments. Available in two wood colors for the structure. Soft touch, fireproof, and oil resistant PU upholstery. Stationary height. Manually adjustable backrest. Lower shelf for storage.

	Code
Earth Spa Table	N8536

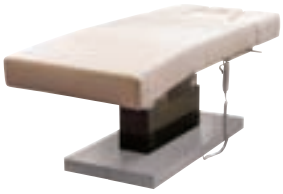


GENUINE

ASTRALPOOL

Multifunctional bed with a single motor, ideal for facial, body and massage treatments. Metal structure finished in white wood. Soft touch, fireproof, and oil resistant PU upholstery. Electrically adjustable height. Manually adjustable backrest. Lower base/shelf for storage.

	Code
Genuine Spa Table	N9030



SENSE

ASTRALPOOL

Multi-function table with four motors for face and body massage treatments. Electrically adjustable height, backrest, and legs. Adjustable armrests with gas pump. Soft touch, fireproof, and oil resistant PU upholstery. LED lighting around the base.

	Code
Sense Spa Table	N9032
Sense Thermic Spa Table	N9032T



DAPHNE

ASTRALPOOL

Multi-function table with 4 motors for treatments and massages. Metal structure finished in curved wood. Electrically adjustable height, backrest, and leg rest. Lower accessory compartment with drawer.

	Code
Daphne Spa Table	N9287
Daphne Thermic Spa Table	N9287T

SPA TABLES



APOLO

ASTRALPOOL

Multi-function treatment table with 4 motors. Adjustable height (from 62 - 82 cm). Armrests with adjustable height with gas pump. Mattress size: 80 cm x 192 cm x 15 cm (19 cm mattress optional); MULTI-SOFT, PU-SOFT TOUCH comfort upholstery Finishes: wenge, gray (optional). Sliding Plexiglas panels, shockproof. (wood panels optional) Includes accessory compartment with LED lighting.

	Code
Apolo Spa Table	N90371



OCEAN

ASTRALPOOL

3-motor table with metal structure finished in white or oak wood. Extra-long armrests and finger relaxation: adjustable with gas pump. Electrically adjustable height, backrest, and leg rest. Soft touch and fireproof PU upholstery. Oil resistant.

	Code
Ocean Spa Table	N90291
Ocean Thermic Spa Table	N9029T



AQUA

ASTRALPOOL

Multi-function table for classic treatments (with mattress) and for spa treatments (warm + wet) on a Corian surface. White metal structure. Folding mattresses (storage compartment). Aromatherapy. Telescopic shower. It includes hospital-style and easily disinfected Corian trays.

	Code
Aqua Spa Table	N9020



VENUS

ASTRALPOOL

Multi-function table for classic treatments (with mattress) and for spa treatments (warm + wet) on a Corian surface. White metal structure. Folding mattresses (storage compartment). Aromatherapy. Telescopic shower. It includes hospital-style and easily disinfected Corian trays.

	Code
Venus Spa Table	N9022

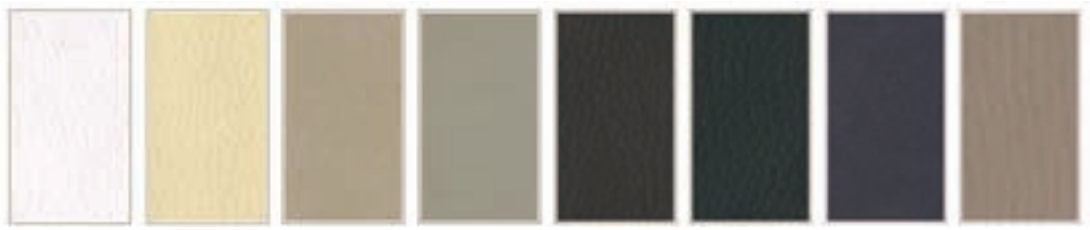
SPA TABLES

SPA TABLES Comparison of models

ASTRALPOOL

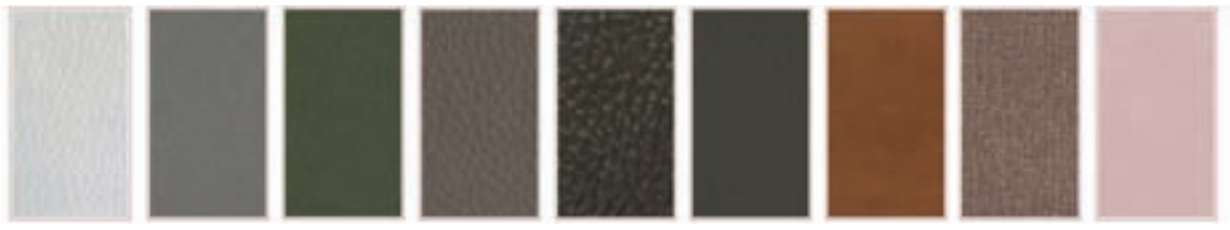
Code	Description	Measures	Num. Motors	Base Color	Optionals		
N8536	EARTH	73 x 189 x 75	-	BICOLOR	Paper clip	Manual Control	
N9030	GENUINE	76 x 188 x 56/76	1 (heigth)	WHITE	Paper clip	Memory foam option	Thermic
N9032	SENSE	78.5 x 189 x 54/74	4			Memory foam option	
N9032T	SENSE THEMRIC	78.5 x 189 x 54/74	4			Memory foam option	Armrest
N9287	DAPHNE	82 x 200 x 65/90	4	WHITE OAK / OLD WOOD / NATURAL OAK / WALNUT		Memory foam option	
N9287T	DAPHNE THERMIC	82 x 200 x 65/90	3			Memory foam option	Thermic
N90371	APOLO	78.5 x 189 x 62/82	4	WENGÈ / NEW GREY	Paper clip		Thermic
N90291	OCEAN	74 x 200 x 57/88	3	WOOD WHITE / WOOD WHITE		Memory foam option	
N9029T	OCEAN THERMIC	74 x 200 x 57/88	3				
N9020	AQUA	92 x 219 x 61/81	1	White metal			
N9022	VENUS	92 x 219 x 58/84	1	WOOD WHITE	Traditional mattress in PU	Quartz sand	

SKAY STANDARD FINISHES



804 white | **810** beige | **825** light beige | **826** bright beige | **805** espresso | **806** black | **840** | **842**

SKAY SPECIAL FINISHES



818 pearl | **574** fango vintage | **824** dark green | **918** visone | **6040** brown genuine leather | **827** dark brown | **584** new cuoietto | **538** bouclè rose | **828** rosa sarah lavoine

OPTIONAL AYURVEDIC ACCESSORIES



AYURVEDA MASSAGE STONE
73764



AYURVEDA SMALL OIL WARMER
N8354



AYURVEDA STONE HEATER
N5610



FOUNTAINS

FLUIDRA



ASTRALPOOL



Astana Expo 2017



WATER IS THE ORIGIN OF EVERYTHING THAT EXISTS.

IT IS THE ESSENTIAL ELEMENT.

(Tales de Mileto)

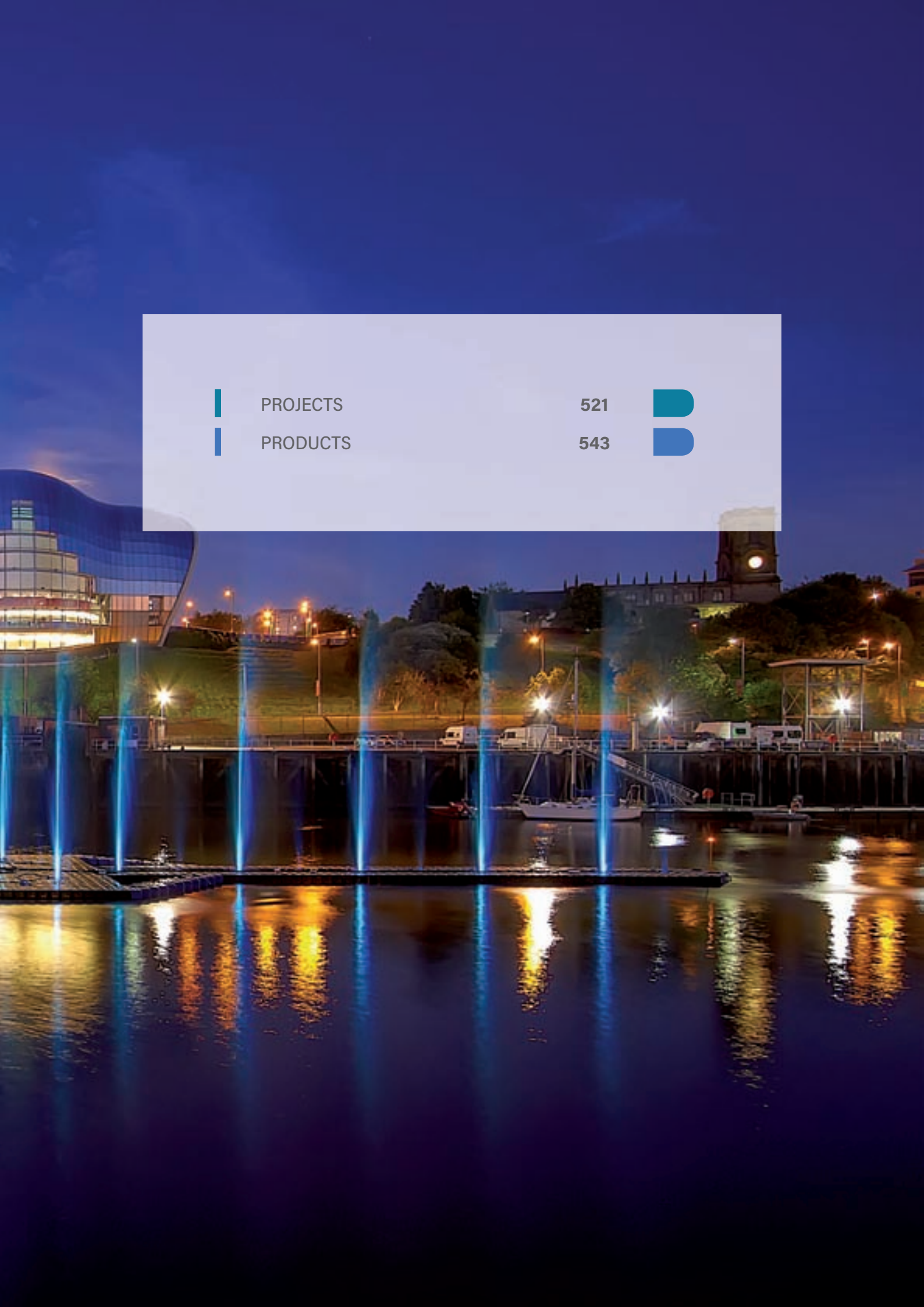
Fountains have always been synonymous with life. Playing a vital role as a source of happiness, a place where communities gather, a vibrant and dynamic space, a meeting point and a metaphor for life.

Natural and artificial, decorative and functional. Today we can enjoy fountains as a more decorative, sustainable, participatory and spectacular event.

Fluidra has extensive experience with more than 40 years creating a wide range of different innovative and sustainable fountain solutions through its own products and engineering technologies: dry-deck fountains, watershows, cascades, vessel fountains, water curtains, etc.

Each fountain is practically handcrafted, as every detail matters. With a custom-client approach, from the conceptualization and design we conceive **refreshing spaces that add an ornamental touch to any aquatic project as well as a great added value**..





PROJECTS 521

PRODUCTS 543



PROJECTS

522 Glala – New Galala City, Egypt
522 Mivida – New cairo, Egypt
523 Gia Tower Waterfall – Phnom Penh, Cambodia
523 Gia Tower Funsquare – Phnom Penh, Cambodia
524 Litiy Square – Bryansk, Russia
524 Boat Fountain – Shelekhov, Russia
525 The Outlet Moscow – Moscow, Russia
525 Raffles City Funsquare – Chongqing, China
526 Fluidra 50th Anniversary – Barcelona, Spain
526 Turkistan I City Hall – Turkistan, Kazakhstan
527 Funsquare in Lodz – Lodz, Poland
527 Viggiano – Viggiano, Italy
528 Great Exhibition of the North – Newcastle, United Kingdom
528 Kashirskaya – Mocow, Russia
529 Vadi Istanbul – Istanbul, Turkey
529 Nou Barris Central Park – Barcelona, Spain
530 The Harbor Merida – Merida, Mexico
530 Isataya Square – Atyrau, Kazakhstan
531 Nazarbaev Street Funsquare – Almaty, Kazakhstan
531 Boscolo Airone Hotel – Venice, Italy
532 Nazarbaev Street Vessel Fountain – Almaty, Kazakhstan
532 Almaty Shell Fountains – Almaty, Kazakhstan
533 Astana Expo 2017 – Astana, Kazakhstan
534 Gravellona Toce – Verbano-Cusio-Ossola, Italy
534 Mega Silk Way – Astana, Kazakhstan
535 Planet Hollywood Hotel – Cancún, Mexico
535 The Style Outlets Funsquare – Viladecans, Spain
536 Taman Anggrek Funsquare – Jakarta, Indonesia
536 Catalonia Square Fountains – Barcelona, Spain
537 Oceania Shopping Mall – Moscow, Russia
537 Radisson Resort Zavidovo – Zavidovo, Russia
538 Moremall Fountain – Sochi, Russia
538 Constitution Square – Lleida, Spain
539 Timisoara Sunsquare – Timisoara, Romania
539 Baku Geyser (140 m) – Baku, Azerbaijan
540 Shamkir Park – Shamikir, Azerbaijan
540 Madrid Rio Fountains – Madrid, Spain
541 Magic Fountain of Montjuïc – Barcelona, Spain

GLALA – NEW GALALA CITY, EGYPT







MIVIDA – NEW CAIRO, EGYPT







GIA TOWER WATERFALL – PHNOM PENH, CAMBODIA









GIA TOWER FUNSQUARE – PHNOM PENH, CAMBODIA





LITIY SQUARE – BRYANSK, RUSSIA







BOAT FOUNTAIN – SHELEKHOV, RUSSIA





THE OUTLET MOSCOW – MOSCOW, RUSSIA







RAFFLES CITY FUNSQUARE – CHONGQING, CHINA







FLUIDRA 50TH ANNIVERSARY – BARCELONA, SPAIN





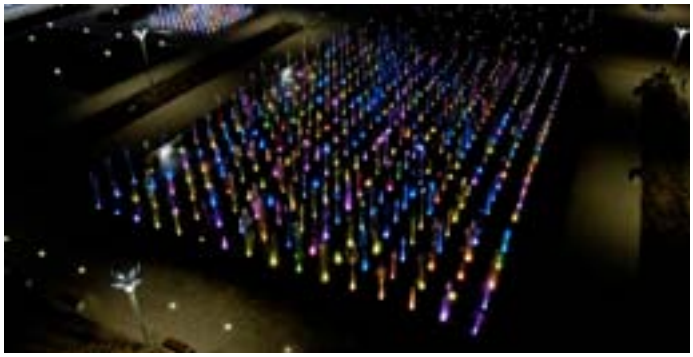


TURKISTAN I CITY HALL – TURKISTAN, KAZAKHSTAN









FUNSQUARE IN LODZ – LODZ, POLAND







VIGGIANO – VIGGIANO, ITALY









GREAT EXHIBITION OF THE NORTH – NEWCASTLE, UNITED KINGDOM







KASHIRSKAYA – MOCOW, RUSSIA



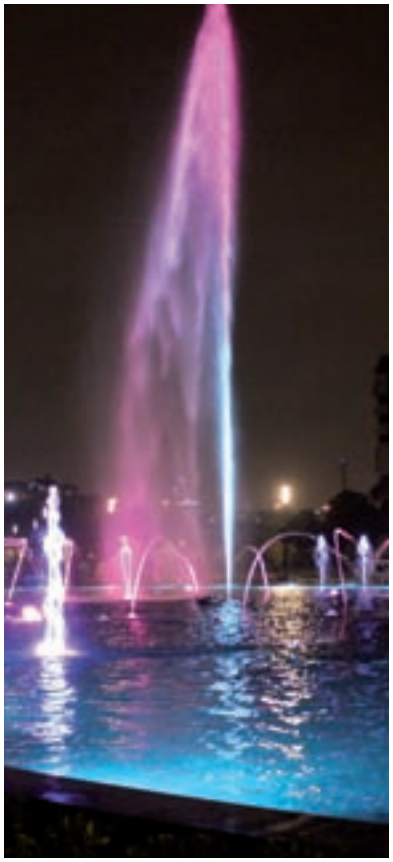




VADI ISTANBUL – ISTANBUL, TURKEY









NOU BARRIS CENTRAL PARK – BARCELONA, SPAIN









THE HARBOR MERIDA – MERIDA, MEXICO

ASTRALPOOL







ISATAYA SQUARE – ATYRAU, KAZAKHSTAN

ASTRALPOOL







NAZARBAEV STREET FUNSQUARE – ALMATY, KAZAKHSTAN







BOSCOLO AIRONE HOTEL – VENICE, ITALY







NAZARBAEV STREET VESSEL FOUNTAIN – ALMATY, KAZAKHSTAN







ALMATY SHELL FOUNTAINS – ALMATY, KAZAKHSTAN



ASTANA EXPO 2017 – ASTANA, KAZAKHSTAN















GRAVELLONA TOCE – VERBANO-CUSIO-OSSOLA, ITALY







MEGA SILK WAY – ASTANA, KAZAKHSTAN







PLANET HOLLYWOOD HOTEL – CANCÚN, MEXICO







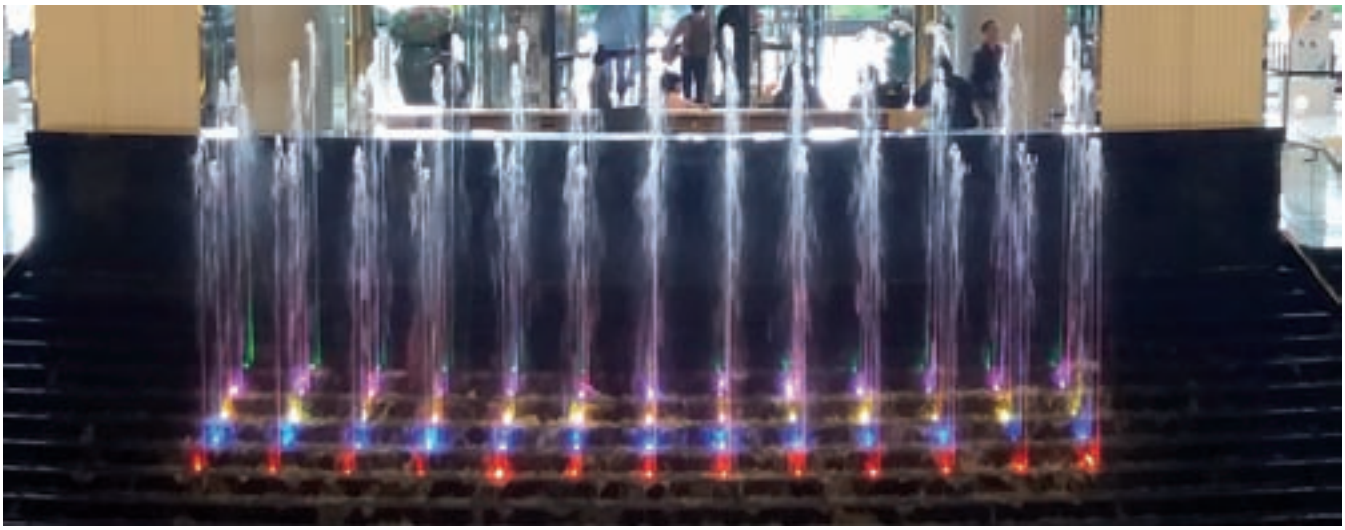
THE STYLE OUTLETS FUNSQUARE – VILADECANS, SPAIN







TAMAN ANGGREK FUNSQUARE – JAKARTA, INDONESIA







CATALONIA SQUARE FOUNTAINS – BARCELONA, SPAIN







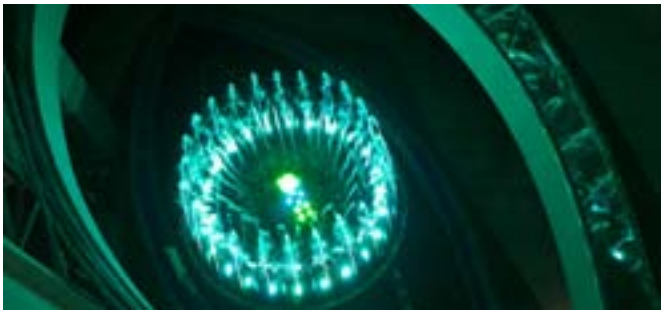


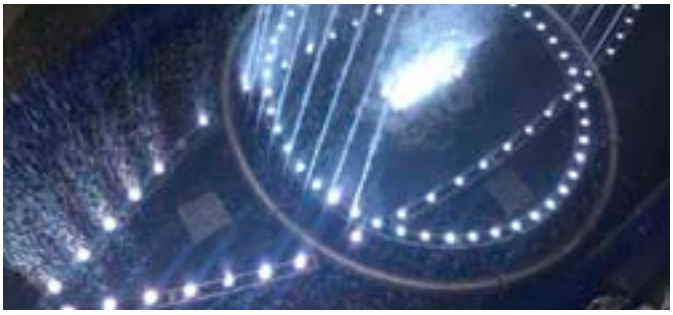




OCEANIA SHOPPING MALL – MOSCOW, RUSSIA







RADISSON RESORT ZAVIDOVO – ZAVIDOVO, RUSSIA







MOREMALL FOUNTAIN – SOCHI, RUSSIA

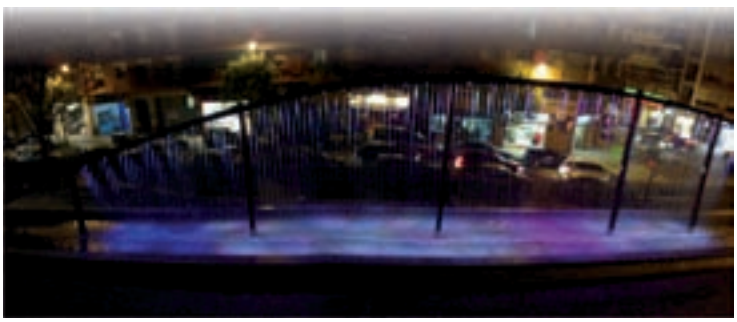




CONSTITUTION SQUARE – LLEIDA, SPAIN







TIMISOARA SUNSQUARE – TIMISOARA, ROMANIA






BAKU GEYSER (140 M) – BAKU, AZERBAIJAN





SHAMKIR PARK – SHAMIKIR, AZERBAIJAN





MADRID RIO FOUNTAINS – MADRID, SPAIN





MAGIC FOUNTAIN OF MONTJUÏC – BARCELONA, SPAIN







FOUNTAINS

PRODUCTS

544 NOZZLES
544 Spear nozzle
545 Big spear nozzle
546 Cascade Nozzle
547 Cascade Nozzle With Swivel
548 Foamy nozzle
549 TFE nozzle
550 Fog Nozzle
551 Vulcano nozzle
552 Mushroom nozzle
553 Callyx nozzle
554 Fleur de Lis
555 Bouquet nozzle

556 JETS
556 Dancer jet
557 Dancer nozzle
558 Swing Dancer jet
559 Swing Z Dancer jet
560 Digital Curtain
561 Water Curtain
561 Water Curtain with linear Led
562 Mesh Curtain
563 Water Screen
564 Waterfall
565 Jet Cosmos
566 Glassy jet
567 Glassy jet with jumping effect
568 Switch S System
570 Switch L system
571 Fire jet
572 Rocket jet
573 Rocket Horizontal jet
574 Plug & Play

575 FOUNTAIN PUMPS
575 Submersible Pump DF
576 DMX Pump S
577 DMX Pump L

579 ILLUMINATION
579 NIQ projector
580 Nano projector
581 Mini / Mini + Projector
582 Circular Ø200
583 Circular Ø300
584 Halospot projector
585 Kibele projector
586 Linear Escala projector
587 Adjustable linear projector
588 DMX Driver power supply
588 ONLED modulator
589 ONLED Remote control
589 ONLED WiFi Access Point
589 ONLED WiFi APP
590 ONDMX Touchscreen
591 ONDMX Touchscreen Pro
592 Power Supply
592 Safety Transformers
594 V:Nano
595 V:Server3 Touch
596 Diagrams

602 COMPLEMENTARY PRODUCTS
602 Level Control System
603 Wind Control System
604 Interactive Sensor Buttons
605 Swivel
606 Pipe Fitting
609 Cable inlet fitting
610 Pressure Holding Valve
611 Prefilter LFS
612 Waterproof Junction SS D20 / D14
612 Overflow
614 Junction boxes
615 Cable Inlet Fitting Box
616 LF Filters
617 HFL Filters

ASTRALPOOL

CEPEX

NOZZLES

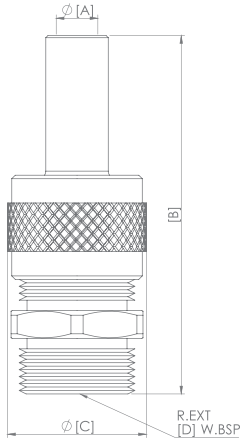


SPEAR NOZZLE

Spear Nozzle is the most polyvalent nozzle for the design of any ornamental fountain.

They are made of AISI 304 stainless steel, which provides high sturdiness and rusting resistance, and provides a stylish finish to the fountain.

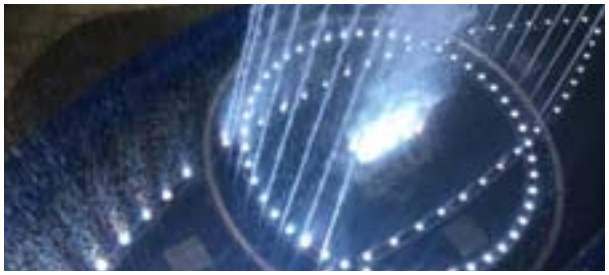
It has an 20° adjustable joint to correct the jet outlet in case of misalignment of manifolds or pipes, or to create parabolas without additional accessories.



Jet Ø (A)	Inlet	Code
Spear nozzle		
Ø 4 mm	G 3/8" M	67496
Ø 6 mm	G 3/8" M	66639
Ø 8 mm	G ½" M	66640
Ø 10 mm	G ½" M	66641
Ø 12 mm	G 1" M	66642
Ø 14 mm	G 1" M	66643
Ø 16 mm	G 1 ½" M	66644
Ø 20 mm	G 1 ½" M	66645

TECHNICAL FEATURES

Nozzle	SPEAR NOZZLE 4		SPEAR NOZZLE 6		SPEAR NOZZLE 8		SPEAR NOZZLE 10		SPEAR NOZZLE 12		SPEAR NOZZLE 14		SPEAR NOZZLE 16		SPEAR NOZZLE 20	
Code	67496		66639		66640		66641		66642		66643		66644		66645	
Inlet	G 3/8" M		G 3/8" M		G ½" M		G ½" M		G 1" M		G 1" M		G 1-½" M		G 1-½" M	
Jet diameter	Ø 4 mm		Ø 6 mm		Ø 8 mm		Ø 10 mm		Ø 12 mm		Ø 14 mm		Ø 16 mm		Ø 20 mm	
Dimensions ØCxB	Ø21x52 mm		Ø21x52 mm		Ø24x76 mm		Ø24x76 mm		Ø36x111 mm		Ø36x111 mm		Ø61x167 mm		Ø61x167 mm	
Jet height [m]	l/min	m	l/min	m	l/min	m	l/min	m	l/min	m	l/min	m	l/min	m	l/min	m
0.5	2.4	0.6	4.9	0.6	9.6	0.7	15.8	0.8	25.4	1	31	0.9	46	1	70	1.2
0.75	2.9	1	6.1	0.9	11.6	0.9	19.3	1.1	30.2	1.3	38	1.2	55	1.3	80	1.3
1	3.4	1.2	7.2	1.2	13.3	1.3	21.9	1.4	33.6	1.5	44	1.4	62	1.5	87	1.5
1.25	3.8	1.5	8.5	1.4	15.9	1.6	24.8	1.7	39	2	51	1.8	70	1.9	95	1.8
1.5	4.2	1.8	9.6	1.7	17.1	1.8	27.8	2	40.9	2.1	55	2.1	76	2.1	104	2.1
1.75	4.7	2.3	11	2	19.5	2.1	32	2.4	45.8	2.6	61	2.4	82	2.4	111	2.4
2	4.9	2.7	11.6	2.4	20.4	2.4	32.4	2.7	46.6	2.7	65	2.7	88	2.6	119	2.7
2.5	5.4	3.1	13.2	3	23.2	3.1	36.6	3.4	51.9	3.2	72	3.3	99	3.2	135	3.3
3	6.1	3.6	14.7	3.7	25.8	3.7	40.3	4.1	57.2	3.8	81	4	108	3.7	148	4
3.5	6.6	4.2	15.6	4.3	28.1	4.4	44.3	4.8	62.9	4.5	88	4.7	117	4.5	160	4.6
4	7.2	4.9	16.5	5	30.3	5	48.6	5.6	66.4	5	94	5.3	125	5.1	171	5.2
5					35	6.1	54.8	7.1	75.1	6.2	107	6.6	138	6	197	6.4
6							60.4	8.6	83.9	7.5	118	7.9	150	7.5	217	7.6
7									91.7	8.6	129	9.3	164	8.5	238	8.9
8									98.2	9.8	139	10.5	176	9.6	257	10.2
9											149	11.8	187	11.2	274	11.3
10											156	13.1	198	12.5	290	12.6
11													208	13.8	306	13.9
12													216	14.6	322	15.1
14															348	17.6





NOZZLES



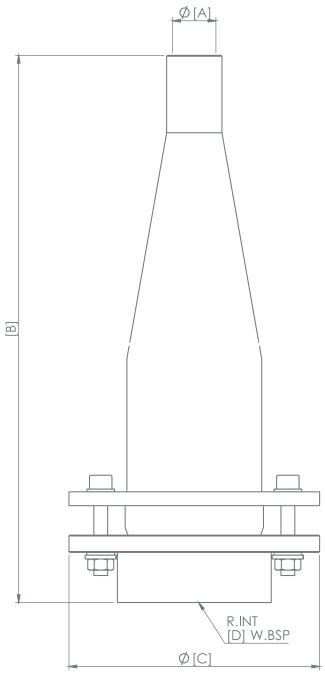
BIG SPEAR NOZZLE

Big Spear Nozzle is a nozzle designed for ornamental fountains with great height jets.

Those are entirely made of AISI 316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish to the fountain. They can be made of brass material on request.

It has a 10° adjustable joint to correct the jet outlet in case of misalignment of manifolds or pipes.

Jet Ø (A)	Inlet	Code
Big Spear nozzle		
Ø 25 mm	G 2-½" F	66646
Ø 38 mm	G 4" F	66647



TECHNICAL FEATURES

Nozzle	SPEAR NOZZLE 4		SPEAR NOZZLE 6	
Code	66646		66647	
Inlet	G 2-½" F		G 4" F	
Jet diameter A	Ø 25 mm		Ø 38 mm	
Dimensions BxC	317x145 mm		463x205 mm	
Jet height [m]	**l/min**	**m**	**l/min**	**m**
10	440	13.5	895	13
12.5	485	17	990	16.5
15	550	20	1110	19.5
20	615	27.5	1300	26
25	680	34	1440	32
30	760	42	1625	39
35	810	48	1760	46
40	865	55	1850	52
50	970	65	2080	65





NOZZLES



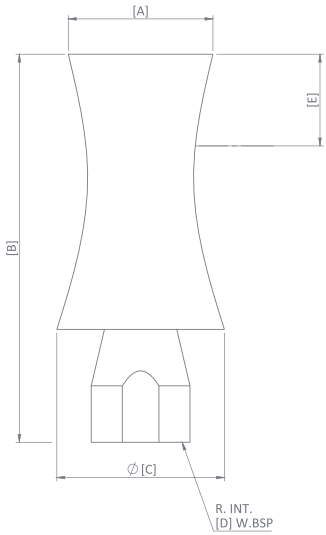
CASCADE NOZZLE

Cascade Nozzle is a classical jet that mixes water and air creating a solid and conic column of water visible from any direction. Furthermore contributes to an oxygen enrichment of the water.

Those nozzles are water level depending, so must be installed on a determinate height. Strong waves can cause abrupt changes in the height of the jet.

They are entirely made of AISI 316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish at the fountain.

Jet Ø (A)	Inlet	Code
Cascade nozzle		
Ø 35 mm	G ½" H	66691
Ø 50 mm	G 1" H	66692
Ø 80 mm	G 1-½" H	66693
Ø 100 mm	G 2" H	66694
Ø 125 mm	G 2-½" H	66698



TECHNICAL FEATURES

Nozzle	CASCADE NOZZLE 35		CASCADE NOZZLE 50		CASCADE NOZZLE 80		CASCADE NOZZLE 100		CASCADE NOZZLE 125	
Code	66691		66692		66693		66694		66698	
Inlet D	G ½" H		G 1" H		G 1-½" H		G 2" H		G 2-½" H	
Jet diameter A	Ø 35 mm		Ø 50 mm		Ø 80 mm		Ø 100 mm		Ø 125 mm	
Dimensions BxC	110x48 mm		140x66 mm		185x104 mm		261x125 mm		298x145 mm	
Water level E	20 mm		25 mm		30 mm		35 mm		40 mm	
Jet height [m]	**l/min**	**m**	**l/min**	**m**	**l/min**	**m**	**l/min**	**m**	**l/min**	**m**
0.5	16	7.4	36	2.6	64	2.1	130	2.3		
0.75	19	9.8	43	3.5	78	2.9	144	2.9		
1	22	12.8	48	4.4	89	3.7	155	3.6	241	3.7
1.5	28	18.6	58	6.1	109	5.4	186	5.3	291	5
2	32	24	66	7.8	124	7.2	210	6.8	332	6.3
2.5			75	11.1	136	8.7	231	8.1	368	7.7
3			81	14.6	148	10.5	250	9.5	400	8.9
4			87	17.5	168	13.6	276	12.3	458	11.4
5			96	20.4	182	16	321	15.1	509	14.2
6					195	19.1	348	17.9	555	16.5
7					207	22.9	378	21.1	600	19
8					220	26.4	402	24.2	646	21.7
10					238	31.1	446	29.2	722	27
12							465	33.5	783	32.2
14							474	37	847	38.1
16									901	42.6
18									969	47.7





NOZZLES



CASCADE NOZZLE WITH SWIVEL

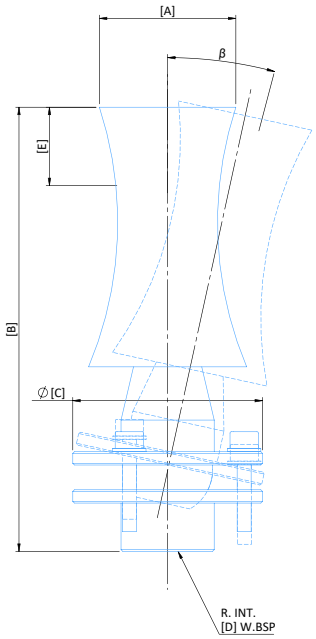
Cascade nozzle is a jet that mixes water and air creating a solid and conic column of water visible from any direction. Furthermore, it contributes to oxygen enrichment of the water.

Those nozzles are water level depending, so must be installed on a determinate height. Strong waves can cause changes in the height of the jet.

They are entirely made of AISI 316 stainless steel , which provides high sturdiness and oxidation resistance , and provides a stylish finish at the fountain.

They also incorporate a swivel on its base in order to take up inlet inclinations.

Jet Ø (A)	Inlet	Code
Cascade nozzle with swivel		
Ø 35 mm	G ½" H	73792
Ø 50 mm	G 1" H	73793
Ø 80 mm	G 1-½" H	73794
Ø 100 mm	G 2" H	73795
Ø 125 mm	G 2-½" H	73796



TECHNICAL FEATURES

Nozzle	CASCADE NOZZLE + SWIVEL 35		CASCADE NOZZLE + SWIVEL 50		CASCADE NOZZLE + SWIVEL 80		CASCADE NOZZLE + SWIVEL 100		CASCADE NOZZLE + SWIVEL 125	
Code	73792		73793		73794		73795		73796	
Inlet D	G ½" H		G 1" H		G 1-½" H		G 2" H		G 2-½" H	
Jet diameter A	Ø 35 mm		Ø 50 mm		Ø 80 mm		Ø 100 mm		Ø 125 mm	
Dimensions BxC	135x57 mm		160x78 mm		215x120 mm		306x140 mm		340x160 mm	
Water level E	20 mm		25 mm		30 mm		35 mm		40 mm	
Max inclination β	12°		12°		8°		8°		7°	
Jet height [m]	**l/min**	**m**	**l/min**	**m**	**l/min**	**m**	**l/min**	**m**	**l/min**	**m**
0.5	16	7.4	36	2.6	64	2.1	130	2.3		
0.75	19	9.8	43	3.5	78	2.9	144	2.9		
1	22	12.8	48	4.4	89	3.7	155	3.6	241	3.7
1.5	28	18.6	58	6.1	109	5.4	186	5.3	291	5
2	32	24	66	7.8	124	7.2	210	6.8	332	6.3
2.5			75	11.1	136	8.7	231	8.1	368	7.7
3			81	14.6	148	10.5	250	9.5	400	8.9
4			87	17.5	168	13.6	276	12.3	458	11.4
5			96	20.4	182	16	321	15.1	509	14.2
6					195	19.1	348	17.9	555	16.5
7					207	22.9	38	21.1	600	19
8					220	26.4	402	24.2	646	21.7
10					238	31.1	446	29.2	722	27
12							465	33.5	783	32.2
14							474	37	847	38.1
16									901	42.6
18									969	47.7

NOZZLES



66689



66690



71335

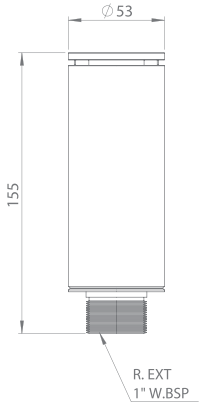
FOAMY NOZZLE

Foamy Nozzle produces a very sparkling and consistent jet. The ornamental effect doesn't depend on the water level and it's very wind resistant, generating a great uniformity on the fountain.

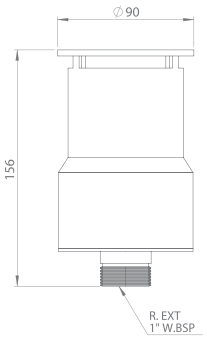
Furthermore, it contributes to an oxygen enrichment of the water.

They are made entirely of AISI 316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish at the fountain.

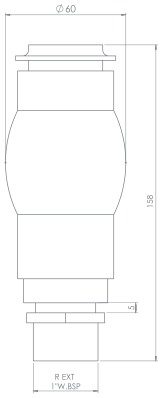
Jet Ø (A)	Inlet	Code
Foamy nozzle		
Ø 35 mm	G 1" M	66689
Ø 50 mm	G 1" M	66690
Ø 32 mm	G 1" M	71335



FOAMY NOZZLE 35



FOAMY NOZZLE 50

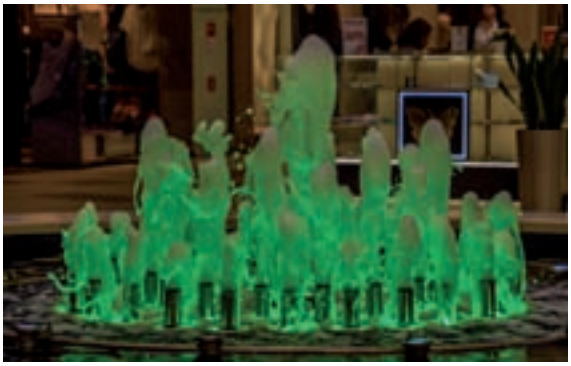


FOAMY NOZZLE 35 PL/SS

TECHNICAL FEATURES

Nozzle	FOAMY NOZZLE 35		FOAMY NOZZLE 50		FOAMY NOZZLE 35 PL/SS	
Code	66689		66690		71335	
Inlet C	G 1" M		G 1" M		G 1" M	
Jet diameter	Ø 35 mm		Ø 50 mm		Ø 32 mm	
Dimensions AxB	53x155 mm		90x156 mm		60x158 mm	
Jet height [m]	**l/min**	**m**	**l/min**	**m**	**l/min**	**m**
0.25	45	1.7	96	2.2	44	0.9
0.5	56	2.1	119	2.9	59	1.3
0.75	71	2.9	140	3.6	68	1.9
1	80	3.4	158	4.5	76	2.5
1.5	96	4.6	193	6.3	93	3.9
2	108	5.4	226	8.2	107	5
2.5	118	6.6	249	10	121	6.4
3			270	11.7	132	7.8
3.5			287	13.4	142	8.7
4			302	15.1		
4.5			314	16.9		
5			338	18.7		





NOZZLES

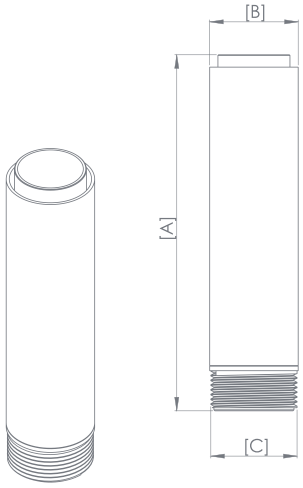


TFE NOZZLE

TFE Nozzle produces a sparkling and consistent jet with less flow requirements to similar nozzles with the same diameter. The ornamental effect doesn't depend on the water level and It Is very wind resistant, generating a great uniformity on the fountain.

It is made entirely of AISI 316 stainless steel, which provides high sturdiness and rusting resistance, and provides a stylish finish at the fountain.

Jet Ø (A)	Inlet	Code
TFE nozzle		
Ø 25 mm	G 1" M	72475
Ø 32 mm	G 1 ¼" H	72476
Ø 40 mm	G 1 ½" H	72477



TECHNICAL FEATURES

Nozzle	TFE25 NOZZLE		TFE32 NOZZLE		TFE40 NOZZLE	
Code	72475		72476		72477	
Inlet C	G 1" M		G 1 ¼" H		G 1 ½" H	
Jet diameter	Ø 25 mm		Ø 32 mm		Ø 40 mm	
Dimensions AxB	155x38 mm		173x43 mm		210x53 mm	
Jet height [m]	**l/min**	**m**	**l/min**	**m**	**l/min**	**m**
0.5	30	1.1	45	1.4	61	1.8
1	38	1.8	56	2.3	74	2.8
1.5	47	2.6	69	3.3	90	4
2	52	3.5	79	4.3	105	5.4
2.5	57	4.3	86	5.2	114	6.2
3	63	5	94	6.1	125	7.2
3.5	68	6	102	7.3	135	8.5
4	75	6.8	112	8.1	147	9.6
4.5			119	9.1	159	10.9
5					167	12.5
6					183	15.2





NOZZLES





FOG NOZZLE

ASTRALPOOL

Fog Nozzle is a nozzle that generates a total dispersion of water producing fog in seconds.

This revolutionary nozzle provides a pleasant feeling of freshness and humidification in the atmosphere.

They are entirely made of AISI 316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish to the fountain.

Jet Ø (A)	Inlet	Code
Fog nozzle		
Ø 1.4 mm	G ¼" M	66697
Ø 1.4 mm	G ¼" M	70668
-	G ¼" / 1"	70669

TECHNICAL FEATURES

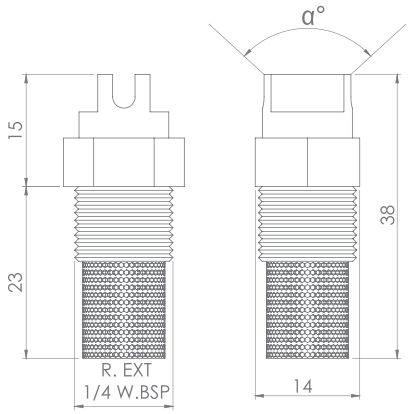
Nozzle	FOG WIDE NOZZLE	
Code	66697	
Inlet	G ¼" M	
Jet diameter	Ø 1.4 mm	
Dimensions AxB	38x14 mm	
Jet height [m]	**l/min**	**m**
68	0.72	4
76	0.95	7
84	1.4	15
90	1.6	20
95	2	30
98	2.3	40
102	2.8	60

TECHNICAL FEATURES

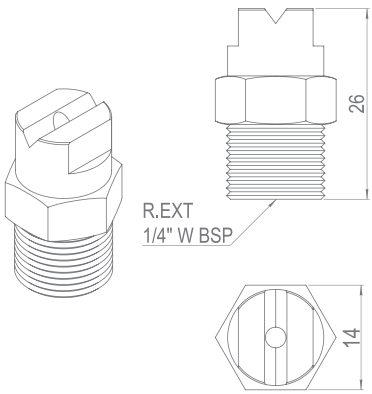
Nozzle	FOG NICHE	
Code	70668	
Inlet	G ¼" M	
Jet diameter	Ø 1.4 mm	
Dimensions AxB	26x14 mm	
Jet height [m]	**l/min**	**m**
10	5.3	14
15	7.6	28
19	10.6	55
23	17	138

TECHNICAL FEATURES

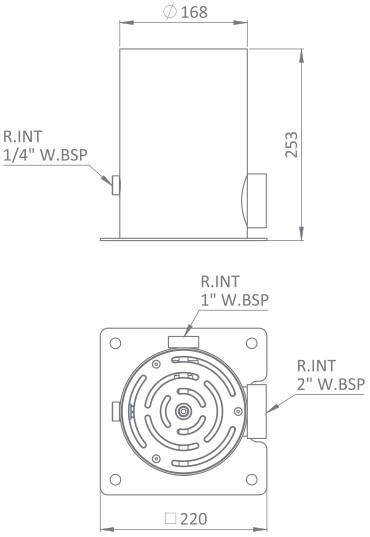
Nozzle	FOG NICHE
Code	70669
Inlet	G ¼" / 1"
Drain	G 2"
Dimensions AxB	253x220x220 mm
Material	Stainless steel AISI316



FOG WIDE NOZZLE



FOG NARROW NOZZLE



NICHE FOG



NOZZLES

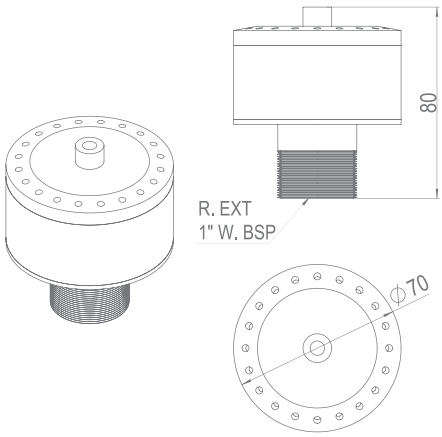


VULCANO NOZZLE

Volcano nozzle produces a set of parabolic jets reaching different heights and lengths, achieving a nice and visible water effect.

They are entirely made of AISI 316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish at the fountain.

	Code
Vulcano nozzle	67204



TECHNICAL FEATURES

Nozzle	VULCANO NOZZLE	
Code	67204	
Inlet	G 1" M	
Jet diameter	Ø 1x6mm + 20x3 mm	
Dimensions AxB	80 x 70 mm	
Jet height [m]	**l/min**	**m**
0.5	27	1.3
1.0	35	2.3
1.5	43	3.1
2.0	49	3.7
2.5	55	4.4
3.0	60	5.2
4.0	72	6.6





NOZZLES

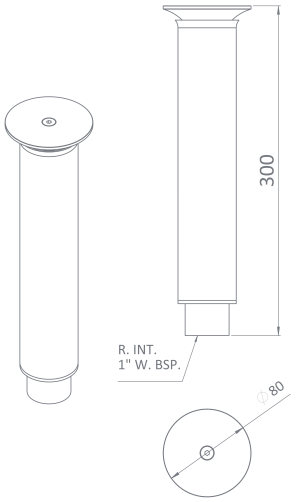


MUSHROOM NOZZLE

Mushroom nozzle produces a perfectly laminar and semi-spherical transparent lamina. When falling it creates a completely continuous bell-shaped effect.

They are entirely made of AISI 316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish at the fountain.

	Code
Mushroom nozzle	67206



TECHNICAL FEATURES

Nozzle	MUSHROOM NOZZLE	
Code	67206	
Inlet	G 1" F	
Dimensions AxB	300 x 80 mm	
Diameter [mm]	**l/min**	**m**
250	29	1.2
500	32	1.3
750	40	1.4
1000	50	1.5





NOZZLES



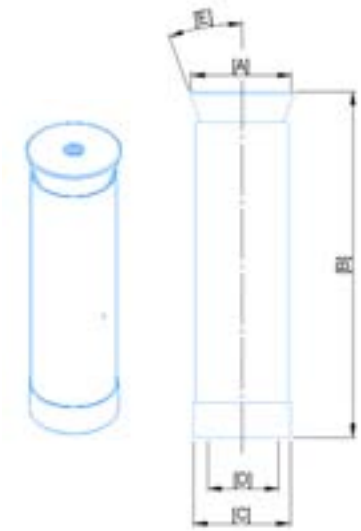
CALLYX NOZZLE

ASTRALPOOL

Callyx nozzle produces a perfectly laminar and conical transparent lamina similar shaped to a goblet.

It is entirely made of AISI316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish at the fountain.

Jet Ø (A)	Inlet	Code
Callyx nozzle		
200 mm	1-¼" H	73823
200 mm	1-½" H	73824
230 mm	2" H	73825
225 mm	2" H	73826



TECHNICAL FEATURES

Code		73823		73824		73825		73826	
Jet diameter (A)		-		-		-		-	
Height (B)		200 mm		200 mm		230 mm		225 mm	
External diameter (C)		Ø 55 mm		Ø 55 mm		Ø 65 mm		Ø 65 mm	
Water connection (D)		1-¼" H		1-½" H		2" H		2" H	
Water level (E)		20°		20°		20°		35°	
Jet height [m]	**Jet diameter [m]**	**l/min**	**m**	**l/min**	**m**	**l/min**	**m**	**l/min**	**m**
0.12	**0.25**	45	0.5	50	0.5				
0.25	**0.50**	60	0.6	60	0.6	100	1.7	70	0.7
0.38	**0.75**			75	0.7	107	1.8	80	0.9
0.50	**1**			90	0.8	115	1.9	100	1.4
0.75	**1.5**					140	2.1	115	1.5
0.88	**1.75**							120	1.5
1	**2**							135	1.6

NOZZLES



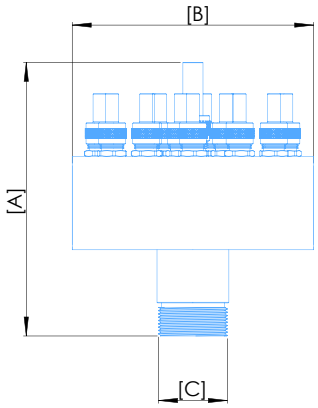
FLEUR DE LIS

ASTRALPOOL

Fleur de lis nozzle produces a set of parabolic regulable jets, reaching different heights and lengths, achieving a nice and visible water effect.

It is entirely made of AISI316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish at the fountain.

Jet Ø (A)	Inlet	Code
Fleur de Lis		
190x168 mm	1-½" M	73810
190x219 mm	2" M	73811
221x254 mm	2-½" M	73812
200x254 mm	3" M	73813
255x390 mm	4" M	73814



TECHNICAL FEATURES

Nozzle	FLEUR DE LIS									
Code	73810		73811		73812		73813		73814	
Inlet C	1-½" M		2" M		2-½" M		3" M		4" M	
Nozzles	1x10mm + 6x6mm + 12x6mm		1x10mm + 6x6mm + 12x6mm		1x12mm + 6x8mm + 12x8mm		1x10mm + 12x6mm + 24x6mm		1x14mm + 6x12mm + 12x12mm	
Material	AISI-316									
Jet height [m]	**l/min**	**m**	**l/min**	**m**	**l/min**	**m**	**l/min**	**m**	**l/min**	**m**
0.5	78	1.4	82	1.9	130	2.0	140	2.0		
1	103	2.0	108	2.5	190	2.5	185	2.4		
1.5	126	2.8	133	3.0	235	3.0	242	2.9	505	3
2	148	3.5	152	3.7	284	3.5	291	3.8	615	3.5
2.5	165	4.2	179	4.2	316	4.2	330	4.3	710	4.3
3	185	4.9	200	5.0	357	5.0	370	5.0	773	4.9
4	206	5.9	234	6.5	401	6.3	425	6.4	893	5.7
5	227	7.5	265	8.1	443	7.5	458	8.2	997	7.2
6	249	8.9	297	9.8	502	8.9	512	9.8	1070	8.8
8					560	10.9	552	12.3	1120	10.9
10									1200	14.0
12										



NOZZLES

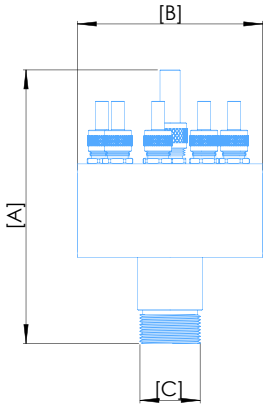


BOUQUET NOZZLE

Bouquet nozzle produces a set of parabolic regulable jets, reaching different lengths, achieving a nice and visible water effect.

It is entirely made of AISI316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish at the fountain.

Jet Ø (A)	Inlet	Code
Bouquet nozzle		
190x129 mm	1-¼" M	73815
190x204 mm	2" M	73816
220x254 mm	3" M	73817
220x254 mm	3" M	73818



TECHNICAL FEATURES

Nozzle	BOUQUET NOZZLE			
Code	73815	73816	73817	73818
Dimensiones (AxB) mm	190 x 129	190 x 204	220 x 254	220 x 254
Inlet C	1-¼" M	2" M	3" M	3" M
Nozzles	1x8 mm + 9x6 mm	1x8 mm + 24x4 mm	1x14 mm + 12x10 mm	1x14 mm + 24x10 mm
Material	AISI-316			

Jet height [m]	l/min	m	l/min	m	l/min	m	l/min	m
0.5	42	1.1	46	0.9	177	0.8	312	0.9
1	60	2.0	65	1.7	230	1.5	406	1.5
1.5	76	2.8	81	2.2	279	2.2	502	2.1
2	89	3.4	99	3.0	361	2.7	651	2.8
2.5	97	4.1	110	3.6	399	3.8	718	3.4
3	110	4.9	121	4.2	438	4.9	782	4.2
4	128	5.9	141	5.0	491	5.5	879	5.5
5	143	7.3	162	7.1	542	6.9	961	7.0
6					616	8.2	1102	8.5
8					712	9.6		



JETS



DANCER JET

ASTRALPOOL

Rhythmic and elegant movements combined with the swing of the water provided by the Dancer jet contribute to create new sensations and dynamism just by the movement of the water.

The combination of light and water effects makes it innovative and spectacular, and without a doubt, it delivers the effects intended for the enjoyment of spectators.

The Dancer jet follows any kind of rhythm thanks to its axial movement.

The infinite number of sequences of this jet means that extremely spectacular shows can be put on.

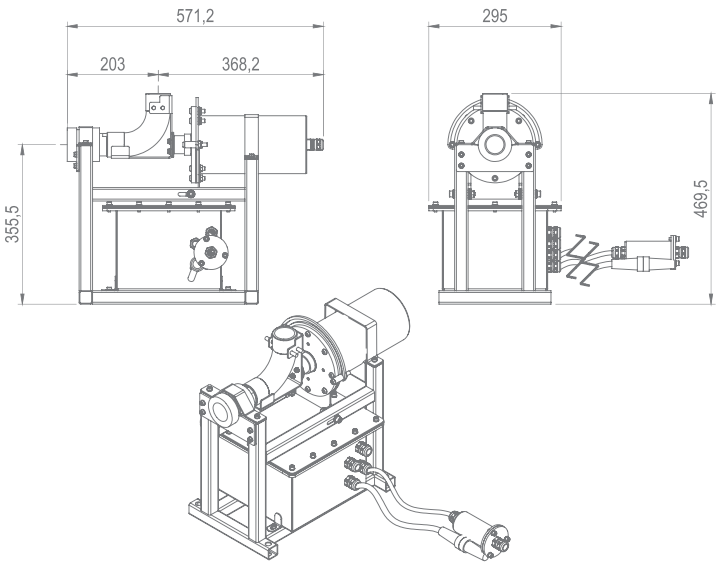
	Code
Dancer jet	67652

ACCESSORIES

Accessoriess	Code
Jet Dancer Nozzle Short 16	67646
Jet Dancer Nozzle Long 16	67647
Jet Dancer Nozzle Short 20	67648
Jet Dancer Nozzle Long 20	67649
Lighting fixation	**Code**
Fixation for Halospot light	67650

TECHNICAL FEATURES

Jet	DANCER JET
Code	67652
Dimensions (L x W x H) [mm]	580 x 300 x 470
Light type (optional)	RGB - DMX
Dancer Jet nominal voltage [V]	230 VAC
Power (Dancer) [W]	200
Power rating [A]	1.1
Water Inlet connection	1-½" G
Jet diameter [mm]	16 / 20 (optional)
Maximum water depth [mm]	500
Jet movement range [°]	-1
Jet movement velocity [°/s]	0 - 240
Material	Stainless steel 316
Weight [kg]	24
Dynamic jet height	With individually pump and frequency inverter
Protection class	155x38 mm





JETS



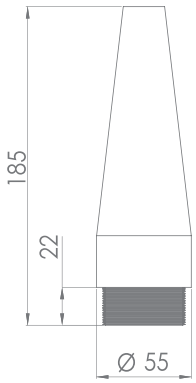
DANCER NOZZLE

ASTRALPOOL

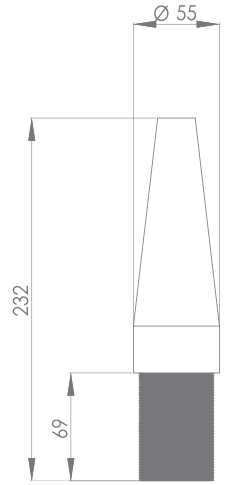
Dancer Nozzle is an ideal nozzle to combine with Dancer Jet and Swing Dancer Jet equipment. Its versatility in the lengths of thread allows to adapt to different types of lighting.

They are entirely made of nickeled brass and AISI 316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish to the fountain.

Jet Ø (A)	Inlet	Code
Dancer nozzle		
Ø 16 mm	G 1-½" M	67646
Ø 16 mm	G 1-½" M	67647
Ø 20 mm	G 1-½" M	67648
Ø 20 mm	G 1-½" M	67649



DANCE NOZZLE SHORT
67646 - 67648



DANCE NOZZLE LONG
67647 - 67649

TECHNICAL FEATURES

Nozzle	DANCER NOZZLE SHORT 16		DANCER NOZZLE LONG 16		DANCER NOZZLE SHORT 20		DANCER NOZZLE LONG 20	
Code	67646		67647		67648		67649	
Inlet	G 1-½" M		G 1-½" M		G 1-½" M		G 1-½" M	
Jet diameter A	Ø 16 mm		Ø 16 mm		Ø 20 mm		Ø 20 mm	
Recommend light	Halospot (I0403MIRNDMXI52/ I0403WIRNI52)		Circular led (I1261MWNDMXI52/ I1255MWNDMXI52)		Halospot (I0403MIRNDMXI52/ I0403WIRNI52)		Circular led (I1261MWNDMXI52/ I1255MWNDMXI52)	
Jet height [m]	l/min	m	l/min	m	l/min	m	l/min	m
0.5	46	1	46	1	70	1.2	70	1.2
0.75	55	1.3	55	1.3	80	1.3	80	1.3
1	62	1.5	62	1.5	87	1.5	87	1.5
1.25	70	1.9	70	1.9	95	1.8	95	1.8
1.5	76	2.1	76	2.1	104	2.1	104	2.1
1.75	82	2.4	82	2.4	111	2.4	111	2.4
2	88	2.6	88	2.6	119	2.7	119	2.7
2.5	99	3.2	99	3.2	135	3.3	135	3.3
3	108	3.7	108	3.7	148	4	148	4
3.5	117	4.5	117	4.5	160	4.6	160	4.6
4	125	5.1	125	5.1	171	5.2	171	5.2
5	138	6	138	6	197	6.4	197	6.4
6	150	7.5	150	7.5	217	7.6	217	7.6
7	164	8.5	164	8.5	238	8.9	238	8.9
8	176	9.6	176	9.6	257	10.2	257	10.2
9	187	11.2	187	11.2	274	11.3	274	11.3
10	198	12.5	198	12.5	290	12.6	290	12.6
11	208	13.8	208	13.8	306	13.9	306	13.9
12	216	14.6	216	14.6	322	15.1	322	15.1
14					348	17.6	348	17.6





JETS



SWING DANCER JET

The Swing Dancer jet effect provides a show of light, color and graceful movements that express feelings and emotions transmitted through the magical combination of water and light, all of which creates the impression of a ballet staged on the water.

The multidirectional spout generates unique movements that create numerous shapes and figures. The jet can be programmed to go faster or slower so that it appears to dance on the water in dynamic, elegant movements.

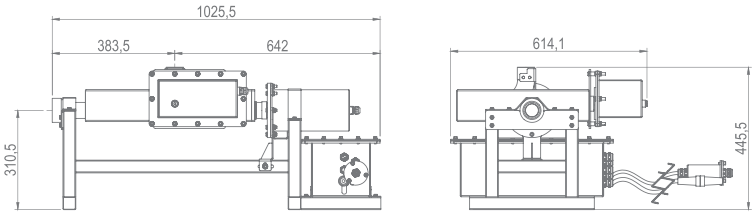
	Code
Swing dancer jet	67645

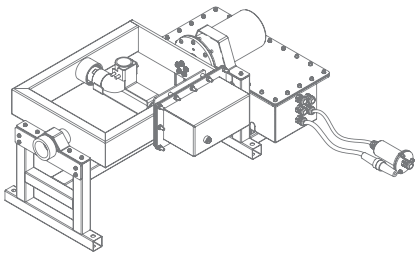
ACCESSORIES

Accessories	Code
Jet Dancer Nozzle Short 16	67646
Jet Dancer Nozzle Long 16	67647
Jet Dancer Nozzle Short 20	67648
Jet Dancer Nozzle Long 20	67649
Lighting fixation	**Code**
Fixation for Halospot light	67650

TECHNICAL FEATURES

Jet	SWING DANCER JET
Code	67645
Dimensions (L x W x H) [mm]	1030 x 620 x 450
Light type (optional)	RGB - DMX
Dancer Jet nominal voltage [V]	230 VAC
Power (Dancer) [W]	350
Power rating[A]	1.9
Water Inlet connection	2" G
Jet diameter [mm]	16 / 20 (optional)
Maximum water depth [mm]	500
Jet movement range X axis [°]	-1
Jet movement range Y axis [°]	-1
Jet movement velocity in axis X[°/s]	0 – 120
Jet movement velocity in axis Y[°/s]	0 – 240
Material	AISI 316 stainlees steel
Weight [kg]	55
Dynamic jet height	With standal pump and frequency inverter
Protecction level	IP 68









JETS



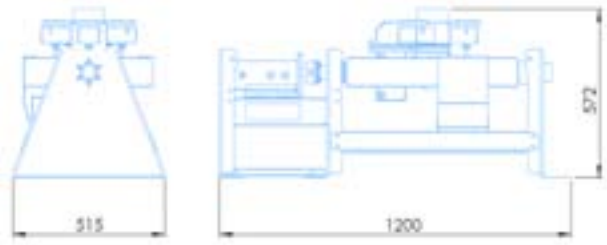
SWING Z DANCER JET

The Swing Dancer jet effect provides a show of light, color and graceful movements that express feelings and emotions transmitted through the magical combination of water and light, all of which creates the impression of a ballet staged on the water.

The multidirectional spout generates unique movements that create numerous shapes and figures. The jet can be programmed to go faster or slower so that it appears to dance on the water in dynamic, elegant movements.

In combination with the FUN nozzle and the rotation of the Z axis, we can create incredible water effects.

	Code
Swing Z dancer jet	72292

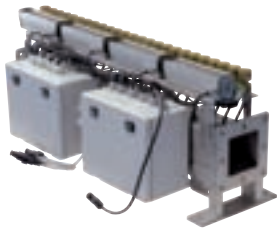




TECHNICAL FEATURES

Jet	SWING DANCER JET Z
Code	72292
Dimensions (L x W x H) [mm]	1200 x 515 x 572
Control	DMX - RDM (9 channels)
Nominal Voltage [V]	24 VDC
Power [W]	450
Nominal current [A]	18.8
Water inlet connection	1 ½" G
Water outlet connection	1 ½" G
Maximum water depth [mm]	500
Movement range X/Y axis [°]	-60 / +60
Movement range Z axis [°]	-360 / +360
Axis X/Y Speed [°/s]	0 - 120
Axis Z Speed [°/s]	0 - 500
Material	AISI-316
Weight [Kg]	95
Protection level	IP68

JETS



DIGITAL CURTAIN

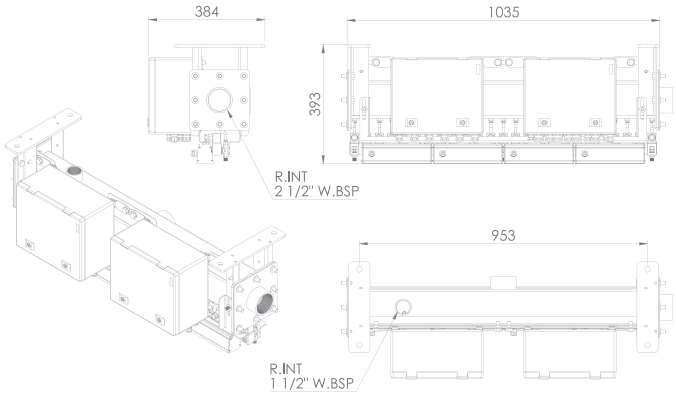
ASTRALPOOL

Historically, murals have been a way of representing all kind of elements. Through a combination of water and light, these representations will be given a new meaning in an innovative and interactive way.

The effect introduces new technologies able to represent shapes instantly by interacting with a tablet device. A multitude of geometric combinations, organic figures and texts have their place within the concept of an interactive curtain, where you can draw and create anything you want using water and light.

Due to the force of gravity, it is important to highlight that the recommended height is lower than 4 meters. The Digital Curtain is perfect for advertising.

	Code
Digital Curtain	66548



TECHNICAL FEATURES	
Dimensions (L x W x H) [mm]	1035 x 390 x 393 (standard)
Nominal Voltage [V]	230 VAC
Light type	RGB+W - DMX
Light power consumption [W/m]	52
Total power consumption [W/m]	240 (without pump)
Power rating[A]	1.1
Recommended pressure [bar]	0.5
Curtain flow [(m^3/h)/m]	4
Recommended height[m]	≤ 4
Control system	Watercurtain Manager Software
Material	AISI 316 / Brass / Others
Weight without water [kg/m]	58 kg/m
Weight with water [kg/m]	73 kg/m
Protection class	IP 66





JETS

WATER CURTAIN

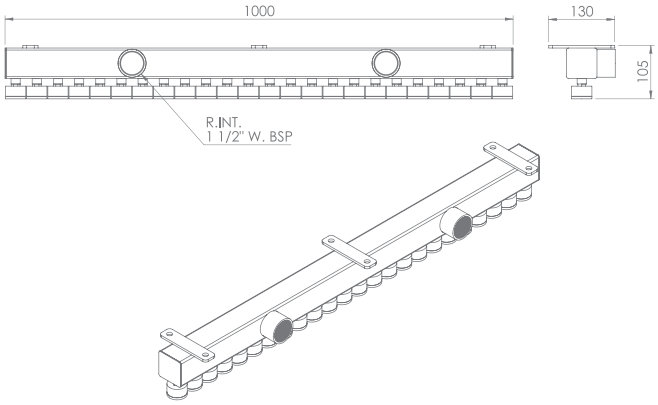


* Product Upon Request

This ornamental effect creates a large screen of water that serves as a perfect surface on which to project videos and other images. The Water Curtain is big enough to project a standard panoramic HDTV image (16:9).

The combination of this decorative feature with a video or laser projector will create a visually impressive effect.

	Code
Water Curtain	66551



TECHNICAL FEATURES	
Dimensions (L x W x H) [mm]	1000 x 140 x 114 (standard)
Recommended pressure [bar]	0.5
Curtain flow per m [m³/h]	4
Recommended height [m]	≤ 4
Material	AISI 316 stainless steel/Brass
Weight without water [kg/m]	15 kg/m
Weight with water [kg/m]	20 kg/m

WATER CURTAIN WITH LINEAR LED

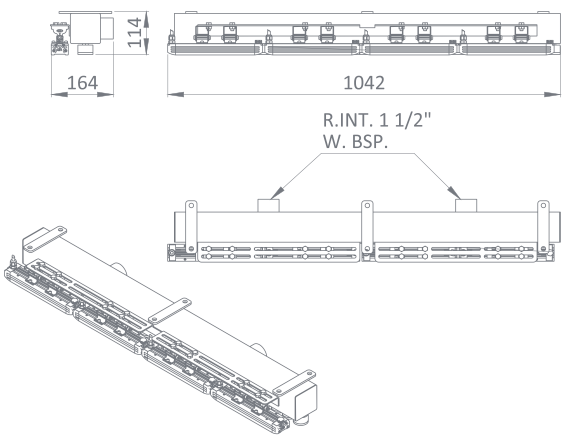


This ornamental effect creates a large screen of water that serves as a perfect surface on which to project videos and other images.

It incorporates RGB+W LED lighting with individual control of four LED lights each meter of water curtain, through DMX protocol.

The combination of the waterfall with integrated lighting will create a visually impressive effect.

	Code
Water Curtain With Linear Led	**73346**



TECHNICAL FEATURES	
Dimensions (L x W x H) [mm]	1042 x 164 x 114 (standard)
Nominal Voltage [V]	24 VDC
Light type	RGB+W - DMX
Power consumption [W/m]	52
Recommended pressure [bar]	0.5
Curtain flow per m [m³/h]	4
Recommended height [m]	≤ 4
Material	AISI 316 stainless steel/Brass
Weight without water [kg/m]	18 kg/m
Weight with water [kg/m]	23 kg/m

JETS



MESH CURTAIN

ASTRALPOOL

NEW 2023

This mesh waterfall creates a continuous effect of falling water, producing a soft sound of calm and tranquility. It generates a pleasant and attractive hypnotic effect that recreates small waves of water.

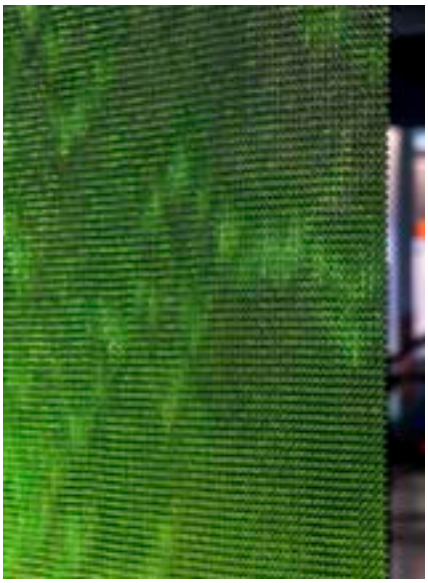
With its state-of-the-art design it produces a perfect and uniform sheet of water continuously, silently and without splashing throughout the entire mesh. It is an ideal ornamental solution for interior spaces in hotels, shopping centers and events due to its great appeal and integration with the environment

It is made of AISI 316 stainless steel to guarantee maximum resistance to rust and reproduce a high-quality finish. The ornamental effect can be maximized by adding a lighting system or digital projection.

TECHNICAL FEATURES

Jet	MESH CURTAIN
Code	-
Dimensions (L x W x H) [mm]	Depends on the project
Fall pressure (max.) [bar]	Depends on the mesh height
Flow per m [(m³/h)/m]	100 l/min
Material	AISI 316 stainless steel
Weight [kg]	Depends on the project







JETS



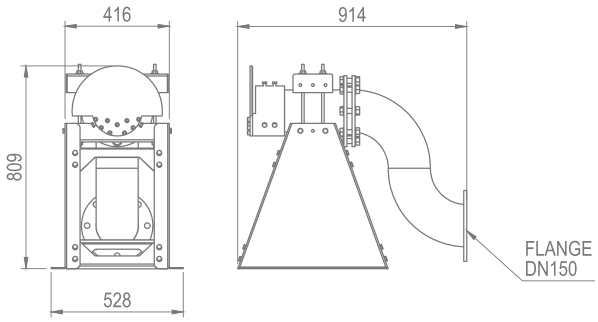
WATER SCREEN

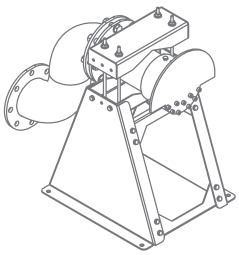
ASTRALPOOL

This ornamental effect creates a large screen of water that serves as a perfect surface on which to project videos and other images. The Water Screen is big enough to project a standard panoramic HDTV image (16:9).

The combination of this decorative feature with a video or laser projector will create a visually impressive effect.

	Code
Water Screen	66550





TECHNICAL FEATURES

Jet	WATER SCREEN
Code	66550
Dimensions (L x W x H) [mm]	925 x 518 x 803
Inlet connection	Flange DN150
Screen dimensions range [m]	24 x 8 - 48 x 16
Flow range [m^3/h]	110 - 260
Pressure range [bar]	6 - 12
Maximum water depth [mm]	530
Material	Stainless steel 316
Weight [kg]	94





JETS



WATERFALL

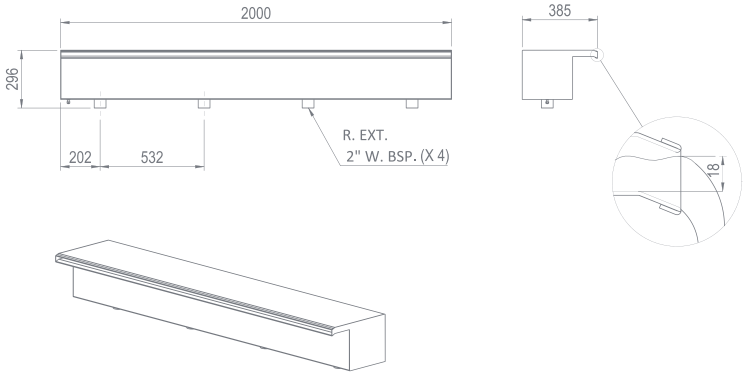
This ornamental feature produces a continuous waterfall. As a result, it makes the gentle, calming sound of the waves on the beach. It can be installed both indoors and outdoors.

Its cutting-edge design creates a perfectly uniform film of water along the whole cascade.

It is made of AISI 316 stainless steel to ensure maximum resistance to rust and to give it a high quality finish.

It is possible to enhance the ornamental effect by adding a lighting system.

	Code
Waterfall	66552



TECHNICAL FEATURES

Jet	WATERFALL
Code	66552
Dimensions (L x W x H) [mm]	2000 x 385 x 296 standard, others on request
Fall pressure (max.) [bar]	0.5 (low pressure recommended)
Flow per m [(m³/h)/m]	12.5 (e=15mm)
Maximum flow [(m³/h)/m]	30
Material	AISI 316 stainless steel
Weight [kg]	25





JETS



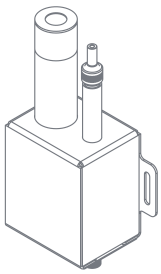
JET COSMOS

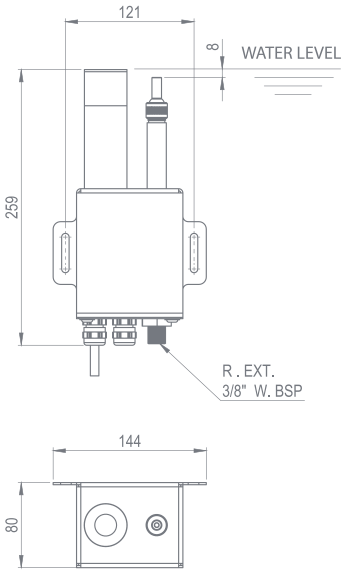
Cosmos produces a sequence of perfect spherical water droplets that float in the air and shoots the water up and down. These movements emulate cosmic water particles that act randomly.

The illumination emphasizes the effect by producing a random display of different colored particles.

Cosmos can alternate the droplets with another astonishing effect: small, extremely fast vertical jets able to create high-speed cascades, waves, etc.

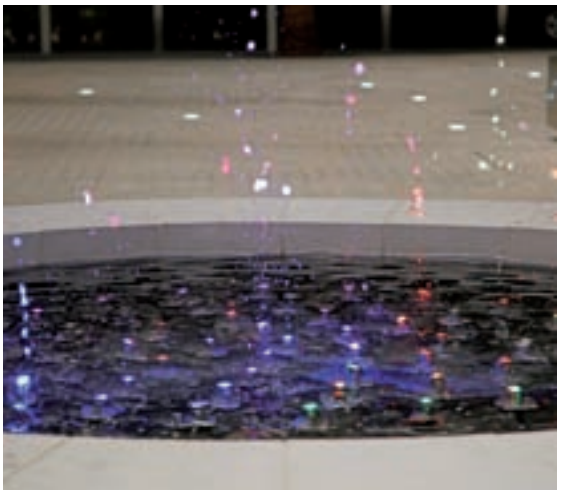
	Code
Jet Cosmos	66553





TECHNICAL FEATURES

Jet	COSMOS
Code	66553
Dimensions (L x W x H) [mm]	144 x 80 x 259
Light type	RGB - DMX
Light nominal voltage [V]	24 VDC
Cosmos nominal voltage [V]	24 VDC
Power (Light) [W]	3
Power (Cosmos) [W]	14
Power (Total) [W]	17
Power rating[A]	0.6
Waterinlet connection	3/8" G
Jet diameter [mm]	4
Jet function flow h=1m [l/min]	3.4
Pressure (max.) [bar]	1.5
Light control	DMX (3 channels)
Material	AISI 316 stainless steel / Brass / Other
Weight [kg]	2
Protection rating	IP 68





JETS

GLASSY JET

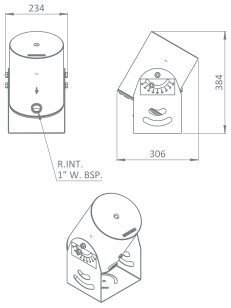


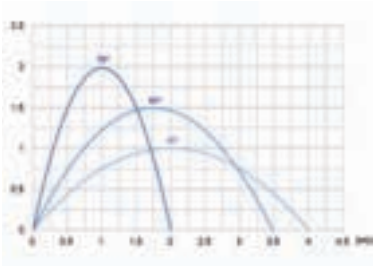
Crystalline laminar nozzle that does not spill a single drop of water. From start to finish, a perfect parabolic path is followed that is created on the basis of the laws of fluid dynamics.

The Glassy jet shines light in the water as it follows its path. It only illuminates the water and does not cause any light pollution.

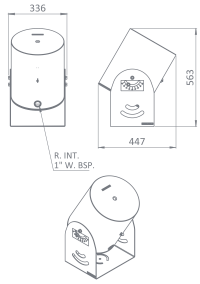
There is also the Jumping effect option, which throws small streams of water across the parabolic path.

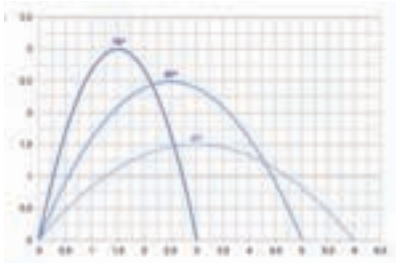
Light type	Voltage [V]	Code
Glassy jet		
RGB - DMX	24 VDC	66559
RGB	24 VDC	66559RGB
RGB - DMX	24 VAC	66561





66559





66561

TECHNICAL FEATURES

Jet	GLASSY JET S	GLASSY JET RGB	GLASSY JET L
Code	66559	66559RGB	66561
Dimensions (L x W x H) [mm]	306 x 234 x 384	306 x 214 x 384	447 x 336 x 563
Light type	RGB - DMX	RGB	RGB - DMX
Light nominal voltage [V]	24 VDC	12 VAC	24 VDC
Power (Light) [W]	4	4	4
Power (Total) [W]	4.5	-	4.5
Water inlet connection	1" G	1" G	1" G
Jet diameter [mm]	12 standard	12 standard	16 standard
Maximum water depth [mm]	320	320	480
Jet rake range [°]	30-90	30-90	30-90
Light control	DMX (3 channel)	-	DMX (3 channel)
Jumping control system	Relay	-	Relay
Material	ASIS 316 stainless steel	ASIS 316 stainless steel	ASIS 316 stainless steel
Weight [kg]	7	7	20.5
Dynamic parabola	With individually pump and frequency inverter	With individually pump and frequency inverter	With individually pump and frequency inverter
Maximum parabola of water	4	4	6
Flow (max. parabola) [m^3/h]	2	2	4.2
Pressure (max. parabola) [bar]	0.4	0.4	0.6
Hydrualic operation	130 microns filtered water	130 microns filtered water	130 microns filtered water





JETS

GLASSY JET with jumping effect

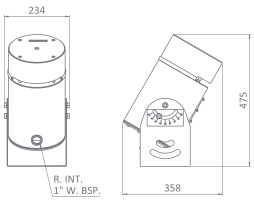


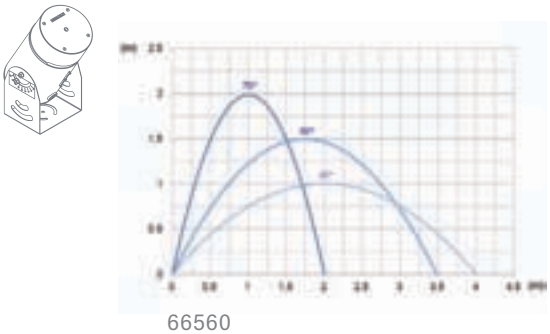
Crystalline laminar nozzle that does not spill a single drop of water. From start to finish, a perfect parabolic path is followed that is created on the basis of the laws of fluid dynamics.

The Glassy jet shines light in the water as it follows its path. It only illuminates the water and does not cause any light pollution.

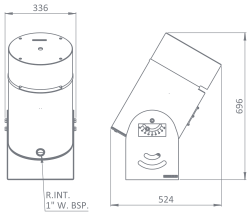
There is also the Jumping effect option, which throws small streams of water across the parabolic path.

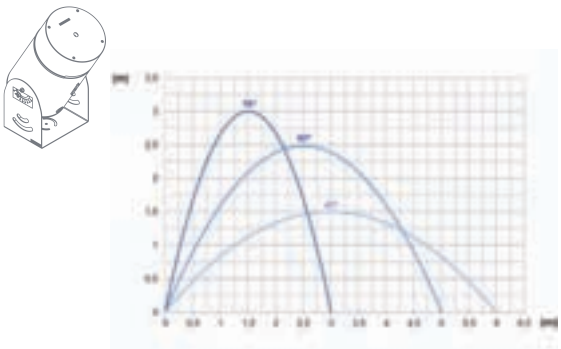
	Code
Glassy jet S with jumping effect	66560
Glassy jet L with jumping effect	66562





66560





66562

TECHNICAL FEATURES

Jet	GLASSY JET S WITH JUMPING EFFECT	GLASSY JET L WITH JUMPING EFFECT
Code	66560	66562
Dimensions (L x W x H) [mm]	358 x 234 x 475	524 x 336 x 696
Light type	RGB - DMX	RGB - DMX
Light nominal voltage [V]	24 VDC	24 VDC
Jumping nominal voltage [V]	24 VDC	24 VDC
Power (Jumping) [W]	24	24
Power (Light) [W]	4	4
Power (Total) [W]	28	28
Water inlet connection	1" G	1" G
Jet diameter [mm]	12 standard	16 standard
Maximum water depth [mm]	315	480
Jet rake range [°]	30-90	30-90
Light control	DMX (3 channel)	DMX (3 channel)
Jumping system control	Relay	Relay
Material	Stainless steel 316	Stainless steel 316
Weight [kg]	12	26
Dynamic parabola	With individually pump and frequency inverter	With individually pump and frequency inverter
Maximum parabola of water	4	6
Flow (max. parabola) [m^3/h]	2	4.2
Pressure (max. parabola) [bar]	0.4	0.6
Hydrualic operation	130 microns filtered water	130 microns filtered water





JETS



SWITCH S SYSTEM

Switch System is a dynamic jet ideal for interactive fountains such as Funsquare type, to produce fast water games with individual control for each installed jet.

The design of this jet allows state changes without water hammer in the installation.

It has many tile models being able to choose between different types of round and square designs.

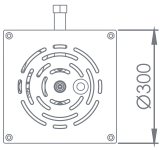
	Code
Switch S System	
3W	66569
6W	73358
16W	73360
6W	73357
12W	73359
16W	73361
3W	73351
6W	73353
16W	73355
6W	73352
12W	73354
16W	73356

TECHNICAL FEATURES

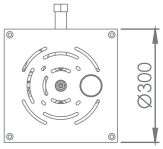
Jet	Switch System	
Dimensions [mm] (see drawings on next page)	300 x 300 x 371 / D.400 x 371	
Nominal Voltage [V]	24 VDC	
Power (without LED) [W]	25	
EV Nominal Current [A]	1.1	
Lighting Control	DMX	
Water connections	1" G	
Jet diameter [mm]	12	
Material	Stainless steel 316 / Brass	
Protection class	IP 68	
Hydraulic requirements	130 microns filtered water	
JET HEIGHT [m]	**l/min**	**m**
0.5	25.4	4.5
0.75	30.2	4.8
1	33.6	5
1.25	39	5.5
1.5	40.9	5.6
1.75	45.8	6.1
2	46.6	6.2
2.5	51.9	6.7
3	57.2	7.3
3.5	62.9	8
4	66.4	8.5



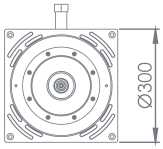
SWITCH S SYSTEM



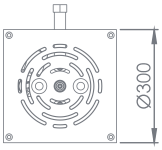
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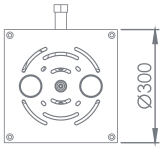
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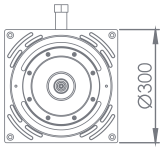
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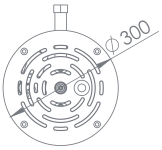
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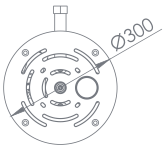
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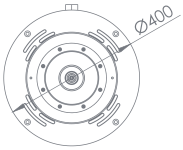
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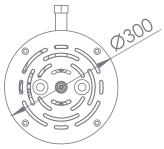
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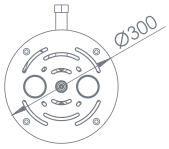
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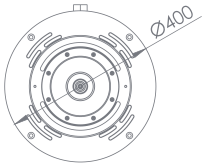
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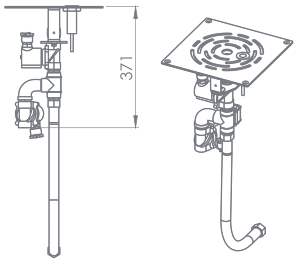
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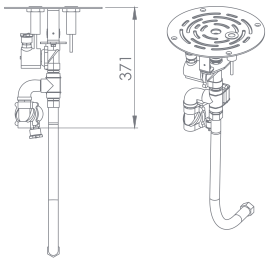
73354



73356



Switch S



Switch S





JETS

SWITCH L SYSTEM

ASTRALPOOL

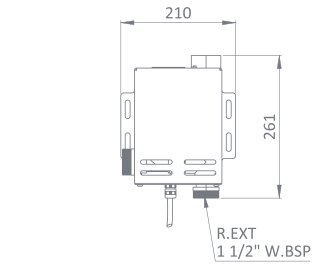




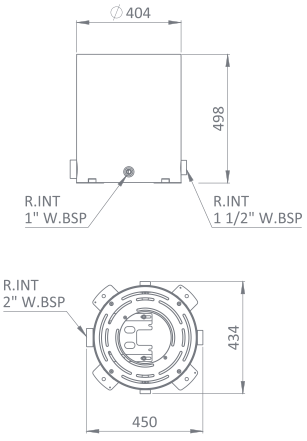
Switch System is a dynamic jet ideal for interactive fountains such as Funsquare type, to produce fast water games with individual control for each installed jet. The design of this jet allows state changes without water hammer in the installation.

For dry fountains there is the option of the Switch System with 316 stainless steel niche and integrated led RGB-DMX projectors..

	Code
Switch L System	66570
Switch L Niche	66572



66570



66572

TECHNICAL FEATURES	
Jet	SWITCH L SYSTEM
Code	66570
Dimensions (LxWxH) [mm]	210 x 120 x 261
Nominal Voltage [V]	24 VDC
Power [W]	25
Nomial Current [A]	1.1
Water connections	1-½" G
Maximum flow [l/min]	290
Maximum pressure [bar]	4
Pressure drop Qn [bar]	0.4 – 1
Material	Stainless steel 316 / Brass
Weight [kg]	6.5
Protection class	IP 68
Hydraulic requirements	130 microns filtered

TECHNICAL FEATURES	
Jet	SWITCH L SYSTEM
Code	66572
Dimensions (L x W x H) [mm]	450 x 435 x 500
Material	Stainless steel 316
Weight [kg]	19
Water connections	1 x 1-½", 1 x 2"
Connections for wiring	2 x 1"





JETS



FIRE JET

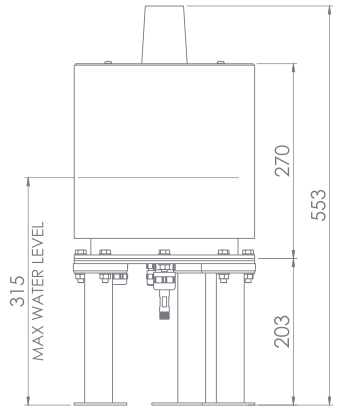
The stylized, tall and controlled Fire jet produces an eye-catching effect, not commonly seen, let alone in a fountain! Fire has always been an larger-than-life feature that emanates power and strength, and in a fountain display, it adds the cherry on the cake.

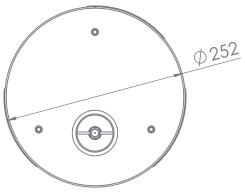
Water and fire, two opposite elements that marry perfectly when a magic show is put on; an explosive combination and the most impressive you could ever imagine.

The hard work done has led to a new concept: a variety of colors for the fire jets: blue, yellow, green...

The flames do not smell or produce smoke because the system does not run on gas or fuel oil. The fluid that creates smokeless flames is readily available everywhere.

	Code
Fire jet	66567





TECHNICAL FEATURES

Jet	ROCKET HORIZONTAL JET
Code	66567
Dimensions (L x W x H) [mm]	250 x 250 x 553
Nominal voltage [V]	230 VAC
Power [W]	500
Power rating [A]	2.7
Inlet connection	¼" G
Pressure (max.) [bar]	16
Maximum water depth [mm]	315
Jet height [m]	4 - 10
Material	Stainless steel 316
Weight [kg]	14.5
Protection rating	IP 68





JETS

ROCKET JET



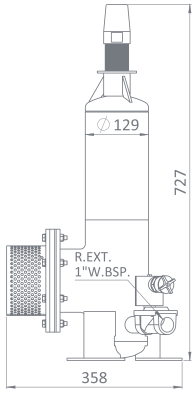
The Rocket jet gives the effect of an explosion of water from the ground that rises up in a split second to above the height of really tall buildings as it can reach heights of up to 50 meters.

The explosion of water creates a perfect vertical line that will be the centre of attention anywhere.

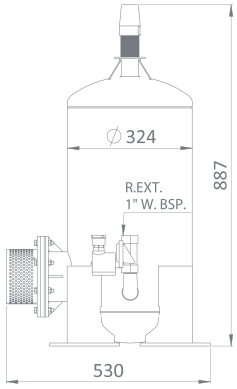
The lighting highlights the height of the water to turn it into a powerful beam of light, which rises at high speeds and draws colored lines on the water.

The combination of several units of this effect will create spectacular high speed sequences.

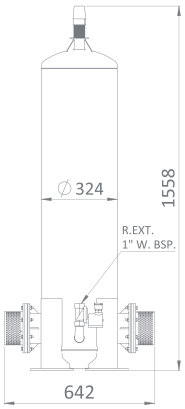
Dimensions (L x W x H) [mm]	Code
Rocket jet	
3 x 248 x 727	66564
530 x 515 x 887	66565
642 x 514 x 1558	66566



66564



66565



66566

TECHNICAL FEATURES

Jet	Rocket Jet S	Rocket Jet M	Rocket Jet L
Code	66564	66565	66566
Dimensions (L x W x H) [mm]	3 x 248 x 727	530 x 515 x 887	642 x 514 x 1558
Nominal voltage [V]	24 VDC	24 VDC	24 VDC
Power [W]	25	2 x 25	2 x 25
Power rating [A]	1.1	2 x 1.1	2 x 1.1
Air Inlet connection	1" G	2 x 1" G	2 x 1" G
Air pressure [bar]	2.5	5	10
Water level [mm]	620	720	1320
Jet diameter [mm]	19	19	19
Jet height [m]	15	30	50
Material	Stainless steel 316	Stainless steel 316	Stainless steel 316
Weight [kg]	18	58	75
Refill time (s)	5	15	30
Air consumption (L)	15	120	225





JETS

ROCKET HORIZONTAL JET



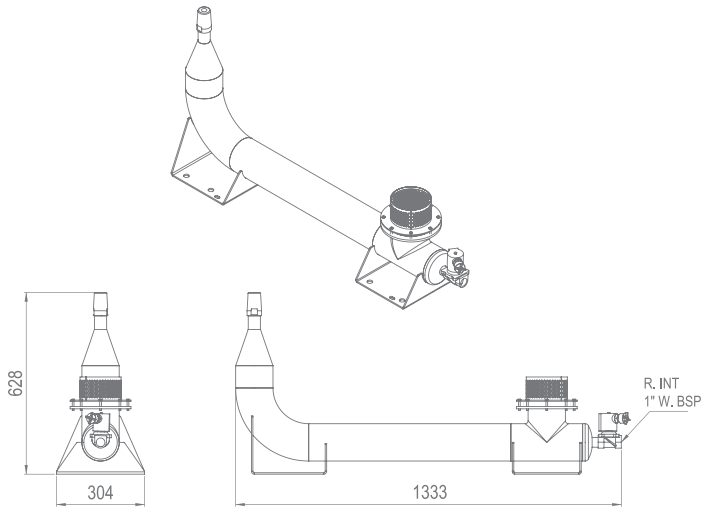
The Rocket jet gives the effect of an explosion of water from the ground that rises up in a split second to above the height of really tall buildings as it can reach heights of up to 50 meters.

The explosion of water creates a perfect vertical line that will be the centre of attention anywhere.

The lighting highlights the height of the water to turn it into a powerful beam of light, which rises at high speeds and draws colored lines on the water.

The combination of several units of this effect will create spectacular high speed sequences.

	Code
Rocket Horizontal Jet	66563



TECHNICAL FEATURES

Jet	ROCKET HORIZONTAL JET
Code	66563
Dimensions (L x W x H) [mm]	1350 x 305 x 630
Nominal voltage [V]	24 VDC
Power [W]	25
Power raring [A]	1.1
Air Inlet connection	1" G
Air pressure (max.) [bar]	4.5
Maximum water depth [mm]	570
Minimum water depth [mm]	470
Jet diameter [mm]	19
Jet height [m]	20
Material	AISI 316 stainless steel
Weight [kg]	31
Refill time (s)	10
Air consumption (L)	38





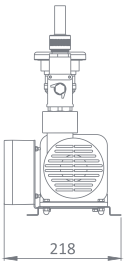
JETS



PLUG & PLAY

The Plug and Play fountain kit let you have a small complete fountain into your garden.
It combines comfort, design and energy efficiency in a easy and quick product to install.
It comes with 10 meter cable, a nozzle and a multi color RGB light included. The nozzle can be replaced by any other nozzle of our plug and play series to configure the fountain to your preference.
The highly efficient RGB LED with color changing sequence brings color into the pond.
The jet height is adjustable up to 3.5 meters, according to the installed nozzle.

	Code
Kit Spear D12	66979
Kit Foamy 35	66980
Kit Vulcano	66981
Kit Mushroom	66982



TECHNICAL FEATURES

PLUG & PLAY	KIT SPEAR D12	KIT FOAMY 35	KIT VULCANO	KIT MUSHROOM
Code	66979	66980	66981	66982
Dimensions (L x W x H) [mm]	281 x 218 x 390	281 x 218 x 434	281 x 218 x 354	281 x 218 x 565
Connection	1" G	1" G	1" G	1" G
Nozzle material	Stainless Steel 304	Plastic / Stainless Steel 304	Stainless Steel 316	Stainless Steel 316
Pump	24 VDC / 105 W (Power supply included)	24 VDC / 105 W (Power supply included)	24 VDC / 105 W (Power supply included)	24 VDC / 105 W (Power supply included)
LED lighting	12 VAC / 4 W (Transformer/ select button included)	12 VAC / 4 W (Transformer/ select button included)	12 VAC / 4 W (Transformer/ select button included)	12 VAC / 4 W (Transformer/ select button included)
Max. Height	2.5 m	1 m	2 m	1 m (Diameter)

66979 PLUG & PLAY KIT SPEAR



66982 PLUG & PLAY KIT MUSHROOM



66981 PLUG & PLAY KIT VULCAN



66980 PLUG & PLAY KIT FOAMY



FOUNTAIN PUMPS



SUBMERSIBLE PUMP DF

Submersible DF pumps has a prefilter incorporated which helps to the correct working of the device It has a large filter surface, so increases highly filter clogging time.

Incorporates supports to ease horizontal pump installation.

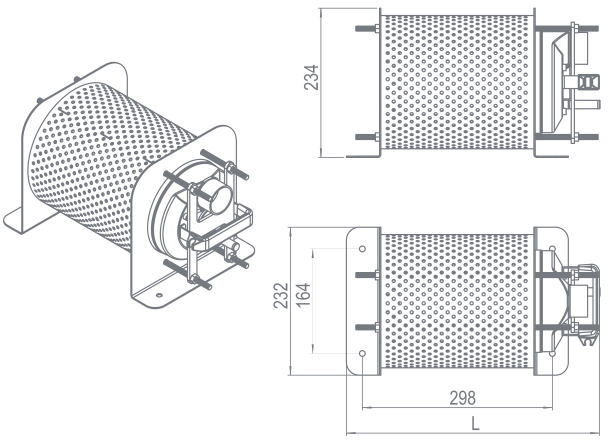
There are available some pump models according to the needs of each installation.

It is a very robust and resistant to rusting model manufactured in AISI 304 stainless steel.

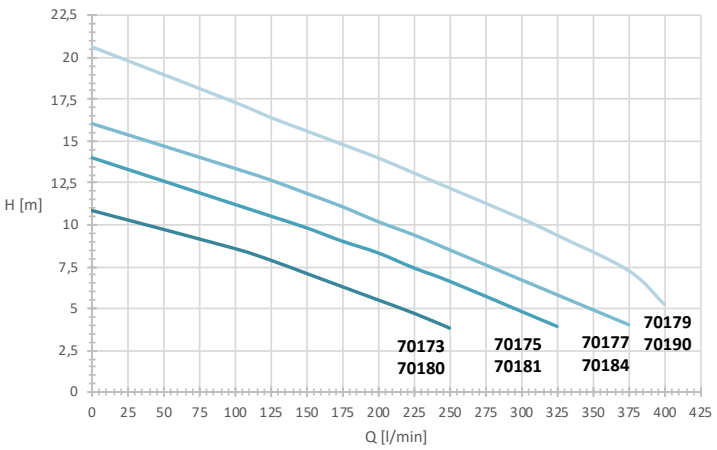
Dimensions (L x W x H) [mm]	Nominal voltage [VAC]	Code
Submersible Pump DF		
402 x 232 x 234	230~3 VAC	70173
417 x 232 x 234	230~3 VAC	70175
447 x 232 x 234	230~3 VAC	70177
447 x 232 x 234	230~3 VAC	70179
402 x 232 x 234	400~3 VAC	70180
417 x 232 x 234	400~3 VAC	70181
447 x 232 x 234	400~3 VAC	70184
447 x 232 x 234	400~3 VAC	70190

TECHNICAL FEATURES

Pump	SUBMERSIBLE PUMP DF WITH PREFILTER							
Code	70173	70175	70177	70179	70180	70181	70184	70190
Dimensions (L x W x H) [mm]	402 x 232 x 234	417 x 232 x 234	447 x 232 x 234	447 x 232 x 234	402 x 232 x 234	417 x 232 x 234	447 x 232 x 234	447 x 232 x 234
Nominal voltage [VAC]	230~3	230~3	230~3	230~3	400~3	400~3	400~3	400~3
Nominal power [kW]	0.55	0.75	1.1	1.5	0.55	0.75	1.1	1.5
Maximum flow [l/min]	250	325	375	420	250	325	375	420
Maximum head [m]	10.9	14	16.1	20.6	10.9	14	16.1	20.6
Hydraulic connection	1 ½" G							
Minimum water depth [mm]	300							



GRAPH SHOWING PERFORMANCE OF PUMPS



FOUNTAIN PUMPS

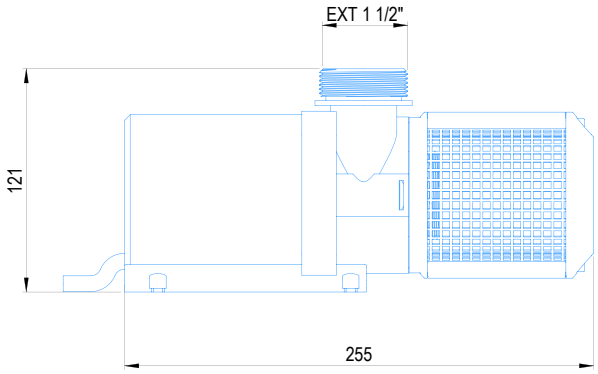


DMX PUMP S

The DMX Variable Pump S allows to control the jet heights individually creating a multitude of effects and figures in dynamic fountains It is ideal to be installed just below the Spear Nozzle between 12 and 14 mm and Foamy Nozzles.

The device incorporates the height variation system through DMX protocol, what facilitates the control of the jets and reduces considerably the size and cost of electrical cabinets.

	Code
DMX pump S	67410



TECHNICAL FEATURES

Pump	DMX PUMP S
Code	67410
Dimensions (L x W x H) [mm]	254 x 97 x 121
Nominal voltage [V]	24 VDC
Power [W]	100
Power rating [A]	4.2
Hydraulic connection	1-½" G
Minimum water depth [mm]	200
Maximum pressure [m]	5
Maximum flow [l/min]	160
Dynamic response 0-100% [s]	1
Starts per minute (max.)	6
Control system	DMX-RDM
Weight [kg]	2





FOUNTAIN PUMPS

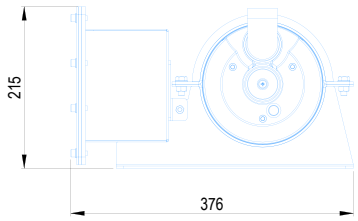


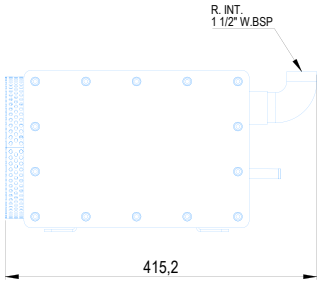
DMX PUMP L

The DMX Variable Pump allows to control the jet heights individually, creating a multitude of effects and figures in dynamic fountains It is ideal to be installed just below the Spear Nozzle between 12 and 20 mm and Foamy Nozzles.

The device incorporates the height variation system of variation through DMX protocol, what facilitates the control of the jets and reduces considerably the size and cost of the electrical cabinets.

	Code
DMX Pump L	67411





TECHNICAL FEATURES

Pump	DMX PUMP L
Code	67411
Dimensions (L x W x H) [mm]	500 x 366 x 239
Nominal voltage [V]	220 - 240 VAC
Power [W]	720
Power rating [A]	3.7
Hydraulic connection	1-½" G
Minimum water depth [mm]	300
Maximum pressure [m]	11
Maximum flow [l/min]	320
Dynamic response 0-100% [s]	1
Starts per minute (max.)	6
Control system	DMX (1 channel)
Weight [kg]	23





ONLED CODING

The coding which appears in more detail later refers to the lamps and projectors OnLED

A	Colour of LED emission	B	Material of the trim	DMX	Projectors for DMX system
C	Shape of face plate	D	Optic type		

I0101 A B C D DMX I52

Colour		Face Plate				Optic		DMX
		Material		Shape				
M	Multicolour	P	Plastic	S	Square	N	Narrow	The projectors in which the DMX system must be installed will be branded at the end with the DMX abbreviation.
R	Red	I	Stainless steel	R	Round	M	Medium	
G	Green					W	Wide	
B	Blue							
W	Cool white							
NW	Neutral white							
WW	Warm white							

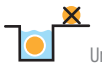
Example: **I0102MPRI52**
STD projector for a concrete pool, multicolour, round plastic face plate, without optic.

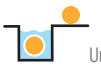
I0306WPRNI52
Mini projector with quick couplingi, white, round plastic face plate, narrow type optic.

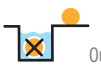
Important: Always to include I52 at the end of the code

IDENTIFICATION

Product recommended for:


Underwater installations


Underwater and outdoor installations


Outdoor installations

IP

First figure
Level of protection against the ingress of solid objects

0 - No protection
1 - Protection from solid objects with a diameter greater than 50mm
2 - Protection from solid objects with a diameter greater than 12.5 mm
3 - Protection from solid objects with a diameter greater than 2.5 mm
4 - Protection from solid objects with a diameter greater than 1 mm
5 - Protected from dust
6 - Hermetic to dust

Second figure
Level of protection against ingress of water

0 - No protection
1 - Dripping water
2 - Dripping water when tilted up to 15°
3 - Spraying water
4 - Splashing water
5 - Water jets
6 - Powerful water jets
7 - Protected from immersion effects
8 - Protection from prolonged immersion

Class


Class I Luminaire in which the protection against electric shocks depends on the main insulation and an additional safety measure: earthing.


Class II Luminaire in which the protection against electric shocks depends on the main insulation and an additional safety measure: double or reinforced insulation.


Class III Luminaire in which the protection against electric shocks depends on feeding it with a low voltage power supply.


CE Marking

ILLUMINATION

NIQ PROJECTOR

ASTRALPOOL



I1245



I1246

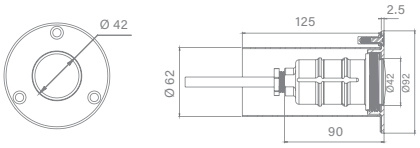
The NIQ is used for spas, wellness centres, stairs. It has the same function as the Mini projector but with smaller dimensions.

	Code
NIQ Recessed Projector (PVC Niche)	I1245
NIQ Recessed Projector (Stainless Steel Niche)	I1287
Fitted NIQ adjustable Projector	I1246

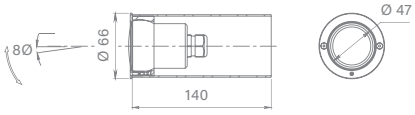
CODE	LIGHT	FACE PLATE	OPTIC	OPTION	ASTRALPOOL
I1245 **I1246** **I1287**	**W** Cool white **WW** Warm white **M** Multicolour **MDMX** Multicolour DMX	Material **P** Plastic **I** Stainless Steel Shape **S** Square **R** Round	**N** Narrow **M** Medium **W** Wide	**DMX**	**I52**

CONTROL

Multicolour
I0826I52 Modulator
I0828I52 Remote control
I0831I52 Push-button
DMX
I0832DMXI52 DMX power supply
I0832DMXFEI52 DMX external power supply



I1245 I1287



I1246

Consumption
Monocolour: 4W (6VA)
Multicolour: 4W (7VA)
MDMX: 4W (4VA)

Voltage
Monocolour: 12 Vac
Multicolour: 12 Vac
MDMX: 24 Vdc

Lumens
Monocolour: 315 lm
Multicolour: 186 lm
MDMX: 186 lm

Efficiency
Monocolour: 78.7 lm/W
Multicolour: 46.5 lm/W
MDMX: 46.5 lm/W

Life Span
L80 - 60.000h

Protection level
IP68





ILLUMINATION



NANO PROJECTOR

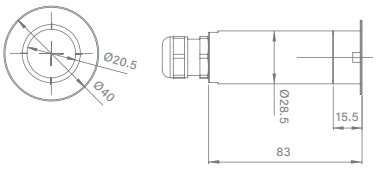
ASTRALPOOL

Despite its small dimensions, this wall fitting has considerable light output. Ideal for lighting jets up to 2 meters high in ornamental fountains or it can be used underwater indoors and outdoors where small dimensions are required.

Made of AISI 316 stainless steel with protection degree IP68.

	Code
Nano Projector Ø40	I1234
Nano Projector with joints	I1239
Nano Projector 1"	I1247
Nano Projector Ø70	I1252
Nano Projector Ø80	I1254

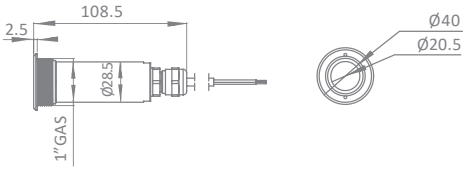
CODE	LIGHT	FACE PLATE	OPTIC	OPTION	ASTRALPOOL
I1234 **I1252** **I1254** **I1239** **I1247**	**W** Cool white **WW** Warm white **M** Multicolour **MDMX** Multicolour DMX	Material **P** Plastic **I** Stainless Steel Shape **S** Square **R** Round	**N** Narrow **M** Medium **W** Wide	**DMX**	**I52**



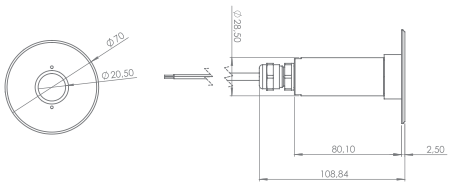
I1234

CONTROL

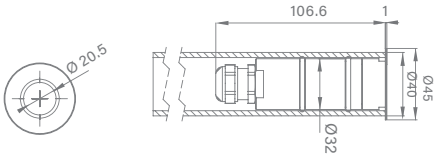
I0828I52 Remote control
I0826I52 Modulator
I0831I52 Push-button
I0832DMXI52 DMX power supply
I0832DMXFEI52 DMX external power supply



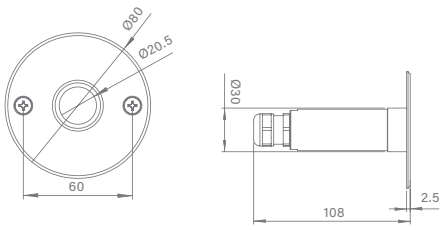
I1239



I1252



I1247



I1254

Consumption

Monocolour: 3W (4VA)
Multicolour: 4W (4VA)
MDMX: 3W (3VA)

Voltage

Monocolour: 12 Vac
Multicolour: 12 Vac
MDMX: 24 Vdc

Lumens

Monocolour: 250 lm
Multicolour: 150 lm
MDMX: 150 lm

Efficiency

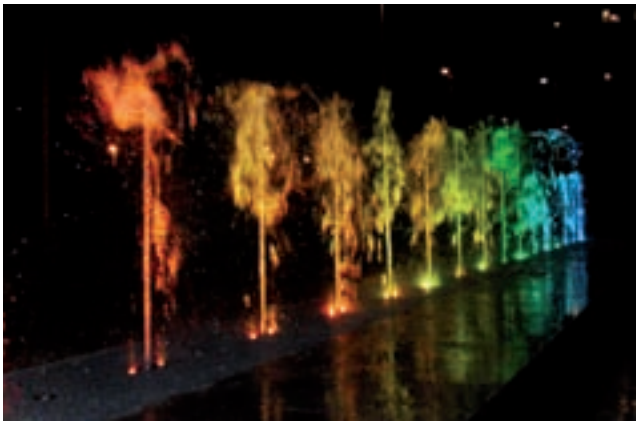
Monocolour: 83.3 lm/W
Multicolour: 50 lm/W
MDMX: 50 lm/W

Life Span

L80 - 50.000h

Protection level

IP68





ILLUMINATION



I0406 I0411

MINI / MINI + PROJECTOR

ASTRALPOOL

This spotlight is especially designed for fountains, gardens and decorative aquatic installations. It can be installed indiscriminately submerged or outside the water.

It is supplied with screws and studs for fitting.

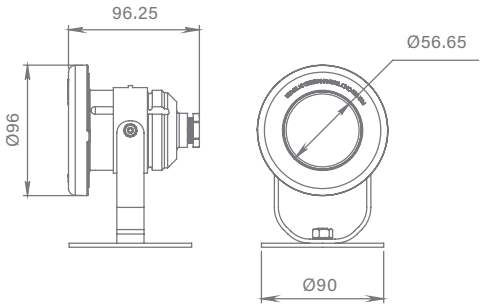
Possibility of narrow, medium or wide lens.

	Code
Directional projector Mini	I0406
Directional projector Mini+	I0411

CODE	LIGHT	FACE PLATE	OPTIC	OPTION
I0406 **I0411**	**W** Cool white **WW** Warm white **M** Multicolour **MDMX** Multicolour DMX **MWDMX** Multicolour White DMX	Material **P** Plastic **I** Stainless Steel Shape **S** Square **R** Round	**N** Narrow **M** Medium **W** Wide	**DMX**

CONTROL

Multicolour | Multicolor
I0826 Modulator
I0828 Remote control
I0831 Push-button
DMX
I0832DMX DMX power supply
I0832DMXFE DMX external power supply



I0406 I0411

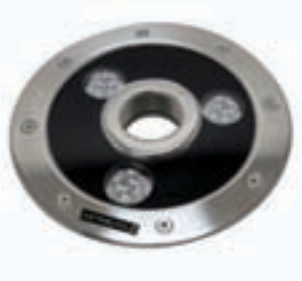
Consumption	Mini	Mini+
Monocolour:	4W (6VA)	6W (6VA)
Multicolour:	4W (7VA)	6W (6VA)
MDMX:	4W (7VA)	6W (6VA)
MWDMX:	5W (5VA)	8W (8VA)
Voltage		
Monocolour:	12 Vac	12 Vac
Multicolour:	12 Vac	12 Vac
MDMX:	24 Vac	24 Vac
MWDMX:	24 Vac	24 Vac
Lumens		
Monocolour:	315 lm	550 lm
Multicolour:	186 lm	250 lm
MDMX:	186 lm	250 lm
MWDMX:	300 lm	430 lm
Efficiency		
Monocolour:	78.7 lm/W	91.66 lm/W
Multicolour:	46.5 lm/W	55 lm/W
MDMX:	46.5 lm/W	55 lm/W
MWDMX:	60 lm/W	53.75 lm/W
Life Span		
L80 - 50.000h		
Protection level		
IP68		





ILLUMINATION

CIRCULAR Ø200



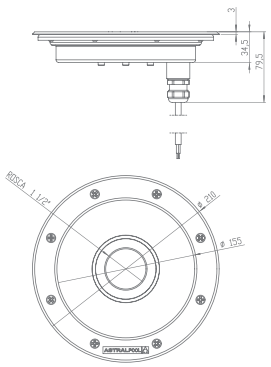
Projector designed for fitting directly to the jets of ornamental fountains, thus ensuring that they are properly illuminated and emit an even source of light. Has a stainless steel finish.

Possibility of intensive, intermediate or extensive lens.

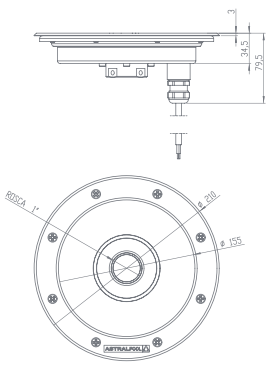
	Code
Circular Ø200 1" ½ Thread	I1261
Circular Ø200 1" Thread	I1262
Circular Ø200 No Thread	I1263
Circular Ø200 Flat mounting	I1264
Circular Ø200 Dry Fountain	I1265
Circular Ø200 Dry Fountain Ø40mm	I1288

CONTROL
I0828I52 Remote control
I0826I52 Modulator
I0831I52 Push-button
I0832DMXI52 DMX power supply
I0832DMXFEI52 DMX external power supply

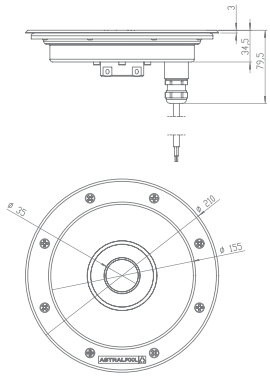
CODE	LIGHT	OPTIC	OPTION	ASTRALPOOL
I1261	**W** Cool white	**N** Narrow	**DMX**	**I52**
I1262	**WW** Warm white (Upon Request)	**M** Medium		
I1263	**MWDMX** Multicolour White DMX	**W** Wide		
I1264				
I1265				
I1288				



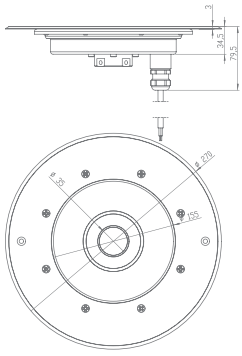
I1261



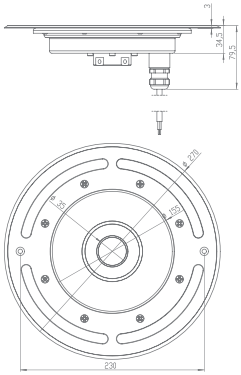
I1262



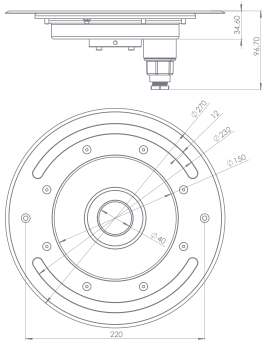
I1263



I1264



I1265



I1288

Consumption

Monocolour: 16W
MWDMX: 16W

Voltage

24Vdc

Lumens

Monocolour: 1.450 lm
MWDMX: 1.000 lm

Efficiency

Monocolour: 91 lm/W
MWDMX: 62.5 lm/W

Colour

16.000.000

Life Span

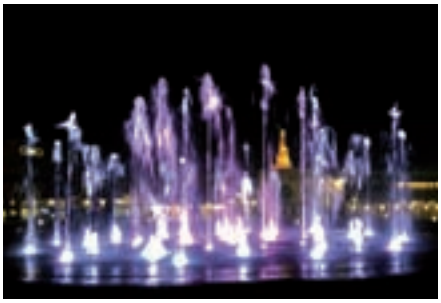
L80 - 50.000h

Protection level

IP68







ILLUMINATION



CIRCULAR Ø300

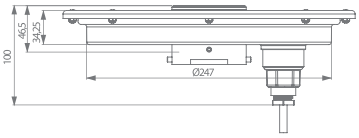
A large projector with high luminous performance for fitting directly to the jets of ornamental fountains of up to 1 ½". Made of stainless steel.

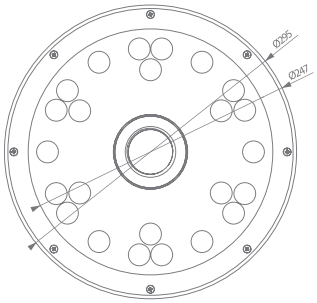
	Code
Circular Ø300	I1255

CODE	LIGHT	OPTIC	OPTION	ASTRALPOOL
I1255	**W** Cool white **WW** Warm white (Upon Request) **MWDMX** Multicolour White DMX	**N** Narrow **M** Medium **W** Wide	**DMX**	**I52**

CONTROL

I0828I52 Remote control
I0826I52 Modulator
I0831I52 Push-button
I0832DMXI52 DMX power supply
I0832DMXFEI52 DMX external power supply





I1255

Consumption
Monocolour: 80W
MWDMX: 80W

Voltage
24Vdc

Lumens
Monocolour: 7.200 lm
MWDMX: 4.100 lm

Efficiency
Monocolour: 90 lm/W
MWDMX: 51 lm/W

Colour
16.000.000

Life Span
L80 - 50.000h

Protection level
IP68





ILLUMINATION



HALOSPOT PROJECTOR

ASTRALPOOL

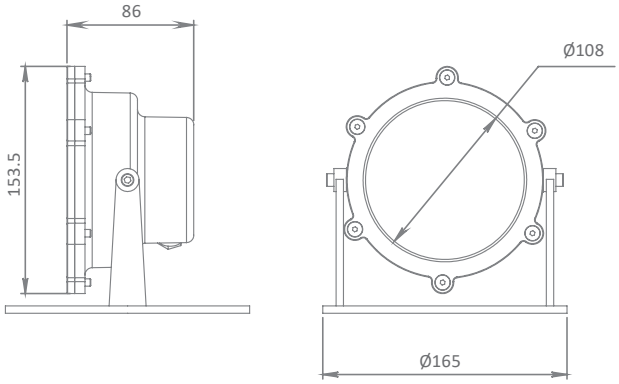
High-resistance projector, made with stainless steel. It is ideal for ornamental fountains and water jets. It should be installed completely submerged in water. It is provided with screws and studs for fitting. Possibility of intensive, intermediate or extensive lens.

	Code
Halospot Projector	I0403

CODE	LIGHT	FACE PLATE	OPTIC	OPTION	ASTRALPOOL
I0403	**W** Cool white **WW** Warm white (Upon Request) **M** Multicolour **MWDMX** Multicolour White DMX	Material **P** Plastic **I** Stainless Steel Shape **S** Square **R** Round	**N** Narrow **M** Medium **W** Wide	**DMX**	**I52**

CONTROL

I0828I52 Remote control
I0826I52 Modulator
I0831I52 Push-button
I0832DMXI52 DMX power supply
I0832DMXFEI52 DMX external power supply



I1255

Consumption

Monocolour: 16W (23VA)
Multicolour: 22W (31VA)
MWDMX: 30W (30VA)

Voltage

Monocolour: 12 Vac
Multicolour: 12 Vac
MWDMX: 24 Vdc

Lumens

Monocolour: 1.450 lm
Multicolour: 1.100 lm
MWDMX: 1.750 lm

Efficiency

Monocolour: 91 lm/W
Multicolour: 50 lm/W
MWDMX: 58.33 lm/W

Life Span

L80 - 50.000h

Protection level

IP68





ILLUMINATION



KIBELE PROJECTOR

ASTRALPOOL

A large projector with high luminous performance. Made of stainless steel. Ideal for installation in ornamental fountains with jets with high flow rates.

Possibility of intensive, intermediate or extensive lens.

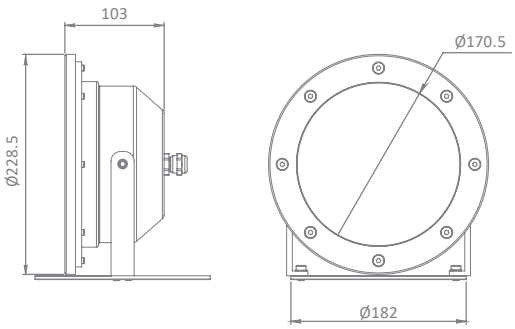
It is supplied with screws and wall plugs.

	Code
Kibele projector	I0407

CODE	LIGHT	FACE PLATE	OPTIC	OPTION	ASTRALPOOL
I0407	**W** Cool white **WW** Warm white (Upon Request) **M** Multicolour **MWDMX** Multicolour White DMX	Material **P** Plastic **I** Stainless Steel Shape **S** Square **R** Round	**N** Narrow **M** Medium **W** Wide **MW** Multicolour **M+W**	**DMX**	**I52**

CONTROL

I0828I52 Remote control
I0826I52 Modulator
I0831I52 Push-button
I0832DMXI52 DMX power supply
I0832DMXFEI52 DMX external power supply



I0407

Consumption

Monocolour: 58W (60VA)
Multicolour: 48W (64VA)
MWDMX: 60W (60VA)

Voltage

Monocolour: 12 Vac
Multicolour: 12 Vac
MWDMX: 24 Vdc

Lumens

Monocolour: 4.320 lm
Multicolour: 2.544 lm
MWDMX: 3.100 lm

Efficiency

Monocolour: 74.4 lm/W
Multicolour: 53 lm/W
MWDMX: 56 lm/W

Life Span

L80 - 50.000h

Protection level

IP68





ILLUMINATION



LINEAR ESCALA PROJECTOR

Strip LED projector featuring an AISI 316 stainless steel profile.

A multipurpose light that may be combined, installed and used in many different ways. Highly versatile, it is an ideal decorative light for use outdoors and in water features. Includes fastening supports.

	Code
Linear Escala projector	I1320

CODE	LIGHT	LENGTH	OUTPUT	OPTION	ASTRALPOOL
I1320	**W** Cool white **NW** Neutral white **A** Amber **MWDMX** Multicolour White DMX **MW** Multicolour M+W	**05** 0.50m **10** 1m	T 1 output 0 2 outputs	**DMX**	**I52**

CONTROL

Monocolour
I0847I52 Power supply
DMX
I0832DMXI52 DMX-MW Power supply
I0832DMXFEI52 DMX Ext. power supply

Consumption

W: 1m. 12W - 0.5mm 6W
MWDMX: 1m. 16W - 0.5m. 8W

Voltage

24 Vdc

Lumens

W: 1m. 500lm - 0.5m. 250lm
MWDMX: 1m. 640lm - 0.5m. 320lm

Efficiency

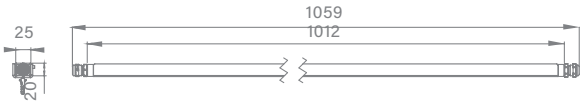
W: 1m. 42lm/W - 0.5m. 40lm/W
MWDMX: 1m. 40lm/W - 0.5m. 40lm/W

Life Span

L80 - 60.000h

Protection level

IP68



I1320MW100



I1320MW050





ILLUMINATION



ADJUSTABLE LINEAR PROJECTOR

Adjustable 13 W linear projector for both indoor and outdoor areas. Made from aluminum and white DMX, this multicolor projector is perfect for wall washing.

Dimensions	Code
Adjustable linear projector	
25 cm	I1279
50 cm	I1280
100 cm	I1281

CODE	LIGHT	FACE PLATE	OPTIC	ASTRALPOOL
I1279 **I1280** **I1281**	**W** Cool white **WW** Warm white **MWDMX** Multicolour White DMX	Material **P** Plastic **I** Stainless Steel Shape **S** Square **R** Round	**N** Narrow **M** Medium **W** Wide	**I52**

CONTROL

Multicolour
I0826 Modulator
I0828 Remote control
I0831 Push-button
DMX
I0832DMX DMX power supply
I0832DMXFE DMX external power supply

Consumption

1279: 13W
1280: 26W
1281: 52W

Voltage

24 Vdc

Lumens

1279: 900 lm
1280: 1,800 lm
1281: 3,600 lm

Efficiency

69.23 lm/W

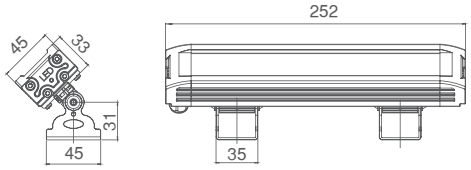
Life Span

L80 - 60,000h

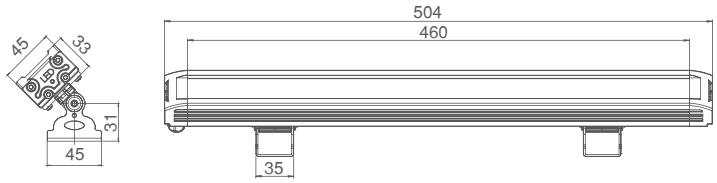
Protection level

IP65

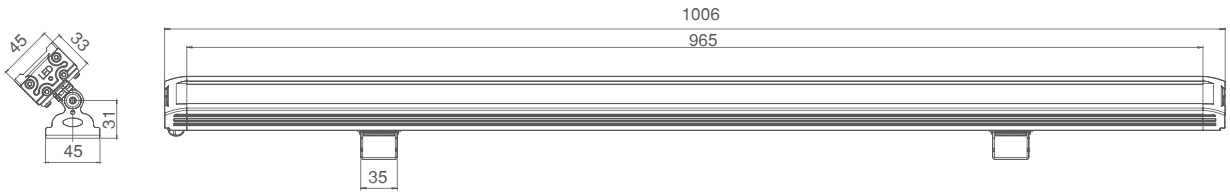
I1279

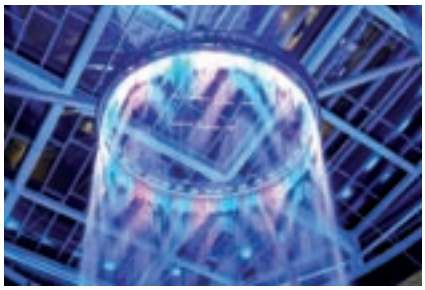


I1280



I1281







ILLUMINATION

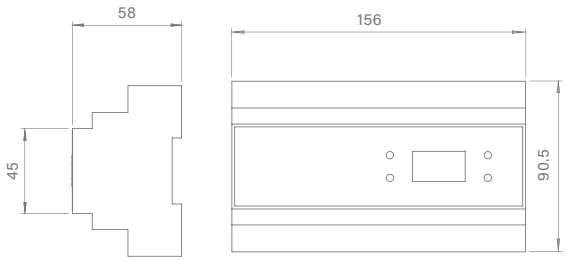


DMX DRIVER POWER SUPPLY

ASTRALPOOL

This power pack can handle up to 9 projectors separately (27 DMX channels) or grouped together (3 DMX channels). It can be directly plugged into a 230 V AC power supply. Internal 60 W power adapter included.

	Code
DMX Driver Onled Power Supply	I0832DMXI52



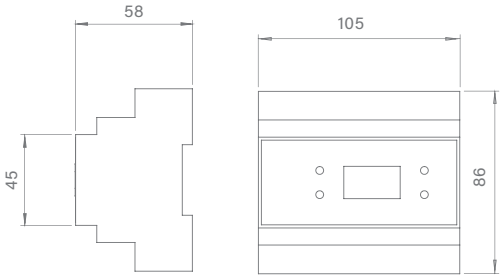


DMX DRIVER ONLED EXTERNAL POWER SUPPLY

ASTRALPOOL

The power supply can supply up to 9 projectors individually (27 DMX channels) or together (3 DMX channels). It is connected directly to 230V AC. External power supply required. Maximum Power 400 VA per unit.

	Code
DMX Driver Onled External Power Supply	I0832DMXFEI52



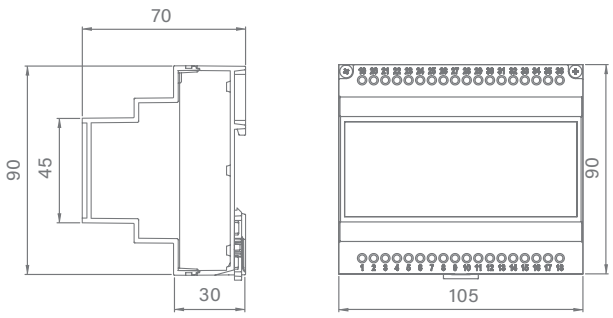


ONLED MODULATOR

ASTRALPOOL

Total OnLED System, with which the switching on and off of the lamp can be controlled, changes color and programme and timers to switch off.

	Dimensions (L x W x H) [mm]	Nominal voltage [VAC]	Code
ONLED Modulator			I0826I52
ONLED Modulator 1-110V			I0827I52



ILLUMINATION



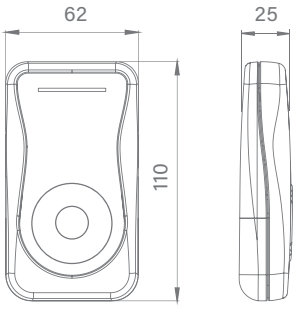
ONLED REMOTE CONTROL

ASTRALPOOL

System that complements the Total OnLED system, of the Modulator.

With it you will be able to control the following actions:

- Switching the lamps on and off
- Changing color
- Changing color sequence
- Speed of color sequence
- Switching off function (sleep)



	Code
ONLED Remote control	I0828I52



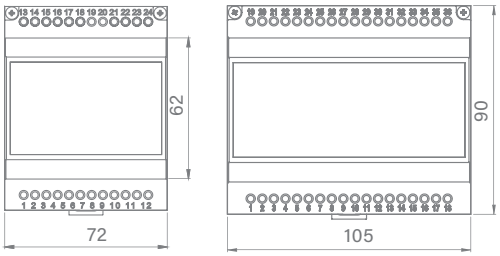
ONLED WIFI ACCESS POINT

ASTRALPOOL

The OnLED WiFi Access Point installed next to the modulator enables broadband connections to be made with smartphone and tablet devices.

By downloading the OnLED App onto your smartphone or tablet (using an Android or iOS system), you will be able to control your OnLED lamps and projectors.

	Code
ONLED WIFI ACCESS POINT	I0876I52
ONLED MODULATOR + ONLED WIFI ACCESS POINT 230V	I0877I52
ONLED MODULATOR + ONLED WIFI ACCESS POINT 120V	I0878I52





ONLED WIFI APP

ASTRALPOOL

Application for controlling any OnLED lamp or projector from smart phones/tablets using an Android or iOS system (iPhone/iPad).

By free downloading the OnLED onto your smartphone or tablet, you will be able to change the colors, sequences, speed, and time you wish to switch off your OnLED lamps and projectors.

Available on:

Available on the App Store

ANDROID APP ON Google play

ILLUMINATION



ONDMX TOUCHSCREEN

The OnLED WiFi Access Point installed next to the modulator enables broadband connections to be made with smartphone and tablet devices.

By downloading the OnLED App onto your smartphone or tablet (using an Android or iOS system), you will be able to control your OnLED lamps and projectors.

- DMX stand alone controller.
- Compatible with any DMX fixture or DMX LED driver.
- Ready-to-use (pre-loaded with 8 scenes and 170 RGB fixtures).
- Sleek, black glass design which sits 11mm from the wall.
- Color palette (can also be used for scene selection).
- 12 touch-sensitive buttons. No mechanical parts.
- Touch-sensitive wheel allows for accurate color selection.
- Built-in flash memory for storing programs.
- Up to 36 dynamic or static scenes.
- 1024 DMX channels. Control 340 RGB fixtures.
- Clock and calendar with Sunrise/Sunset triggering.
- Wi-Fi network communication. Control lighting remotely.
- USB connectivity for programming and control.
- 8 dry contact trigger ports.
- OEM customization of the color palette and logo.
- Windows/Mac software to set dynamic colors/effects.

	Code
OnDMX Touchscreen	I0905
Optional Accessories	
RJ45 to connector block converter for POWER+DMX socket	RJ2BLOCK
ACDC power supply	POWER4M

TECHNICAL FEATURES

	ONDMX TOUCHSCREEN
Code	I0905
Input Power	5-10 DC 0.6A
Output protocol	DMX512 (x2)
Programmability	PC, Mac
Available Colors	Black
Connections	USB, 8 dry contact ports, open drain ouput (for relay)
Memory	In-built flash
Temperature Battery	-10ºC - 45ºC LIR2032
Mounting	Single or double-gang wall socket
Dimensions	146 x 106 x 11 mm
Weight	200g
Standards	EC, EMC, ROHS

ILLUMINATION



ONDMX TOUCHSCREEN PRO

The feature rich lighting controller has been designed to provide a control solution for the most demanding of projects, whilst maintaining an easy to use panel of touch sensitive buttons. The controller integrates a graphical color screen allowing scene photos to be displayed. Easily view the selected zone, scene name and design without the need to navigate through complex menus. Change the speed, color and dimmer using the circular palette.

The lighting levels, color and effects can be programmed from a PC, Mac, Android, iPad or iPhone using the included software..

- Sleek glass design which sits 11mm from the wall
- Graphical color display to show selected environment
- Color/dimmer/speed palette
- Color temperature mixing
- Touch sensitive buttons. No mechanical parts
- Touch sensitive wheel allows for accurate color selection
- Multi-zone microSD memory
- Multi-room control with 500 scenes, 10 zones
- 1024 DMX channels. Control 340 RGB fixtures
- USB & Ethernet connectivity for programming and control
- RS232, Dry Contact Ports and an Infra Red input port
- Clock and calendar with Sunrise/Sunset triggering
- Network communication. Control lighting remotely
- Catalog of designs including black and white glass
- OEM customization of the color palette and logo
- Windows/Mac software to set dynamic colors/effects
- iPhone/iPad/Android remote and programming apps

	Code
OnDMX Touchscreen Pro	I0906
Optional Accessories	
RJ45 to connector block converter for POWER+DMX socket	RJ2BLOCK
ACDC power supply	POWER4M

TECHNICAL FEATURES

	ONDMX TOUCHSCREEN
Code	I0906
Output protocol	DMX512 (x2)
Programmability	PC, Mac, Tablet, Smartphone
Available Colors	Black / White
Connections	USB, Ethernet, RS232, Clock, 8 dry contact ports, 5v Output Relay
Memory	microSD (32Gb Max)
Temperature Battery	-10ºC - 45ºC
Mounting	Single or double-gang wall socket
Dimensions	146 x 106 x 11 mm
Weight	247g
Standards	EC, EMC, ROHS, ETL

ILLUMINATION



POWER SUPPLY

Power supply by LED technology products, especially designed for use in aquatic installations like pools or fountains.

	Code
Power supply 24VDC 120W	I0898
Power supply 24VDC 240W	I0899
Power supply 24VDC 480W	I0847
Power supply 24VDC 960W	I0908



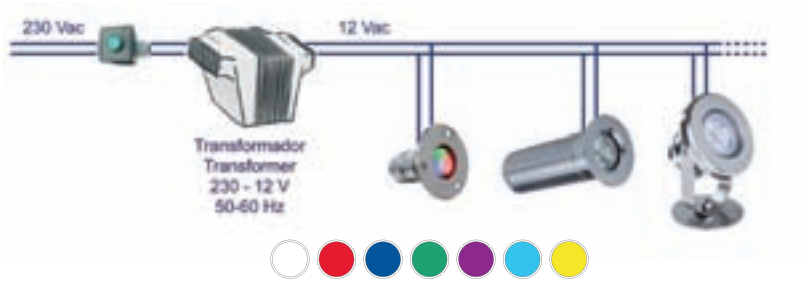
SAFETY TRANSFORMERS

Single-phase Safety Transformers, especially designed for use in aquatic installations like pools or fountains. With the protection degree IP20 or more, primary of 230V AC and secondary of 12-13-14V AC.

	Code
Safety transformer IP20 350 VA	I0820
Safety transformer IP20 130 VA	I0821
Safety transformer IP65 350 VA	I0822
Safety transformer IP20 700 VA	I0823

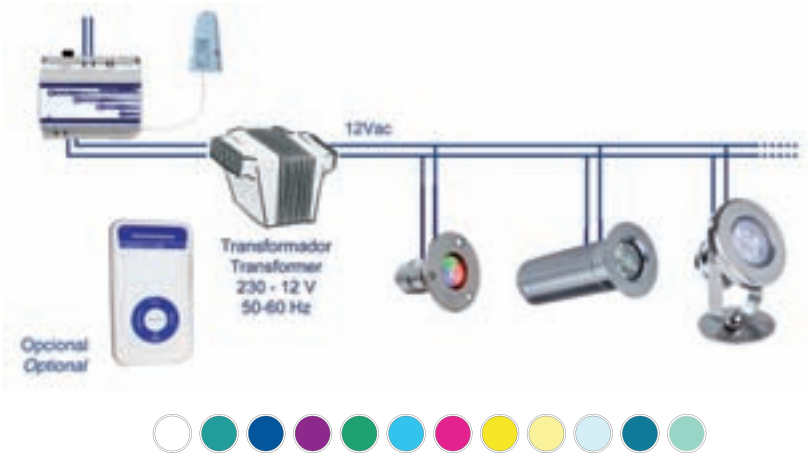
BASIC ONLED

Electric diagram that is obtained through a Pushbutton (n/c) + Safety transformer. The size of the transformer depends on the number of spotlights that are installed and their consumption. For example, if it has to power 5 24W spotlights, the transformer should be 125W. An input of 12V AC must reach the lamp. With every click, it changes colour or program, offers a range of 7 colours, as well as 7 colour changing programs.



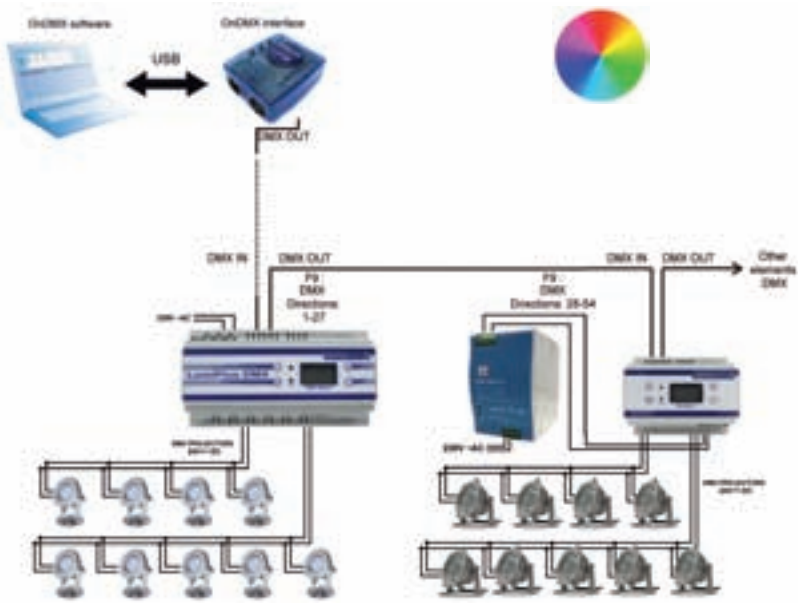
TOTAL ONLED

El Outline based on the OnLED Modulator, for increasing the number of colours and sequences of the spotlights. With it, it is possible to turn the spotlight on and off, change 12 colours and 8 sequences and control the speed of the sequences and the power off timer. The Modulator also has an antennae with that can reach up to 50m. with which it can be synchronized with the OnLED Remote Control (I0828I52). The Modulator should be installed before the safety transformer and is connected to VAC through two terminals indicated as RED and is connected to the transformer primary through two terminals indicated with TRF. It is recommended to install the Modulator ensuring it is protected from corrosive environments.



ON DMX

Those that want total control of the lighting can use the spotlights with DMX adaptation and OnDMX Control, and then they can independently control all the spotlights, and obtain more than 16.000.000 colours and infinite sequences. Each driver handles 27 DMX channels.



ILLUMINATION



V:NANO

Made even for the roughest environments, the V:Nano represents Syncronorm's smart solution for smaller and more intimate fountain show installations. The V:Nano 512 or 1024 "music" show controller is a DIN-rail fan-less & ruggedized embedded system with a highly efficient low power CPU chipset.

The V:Nano can withstands wider temperature ranges while featuring DMX 512/1990 ports, an isolated Ethernet port with 10/100 Mbit, a micro SD card slot and a 2x16 LCD segment-display.

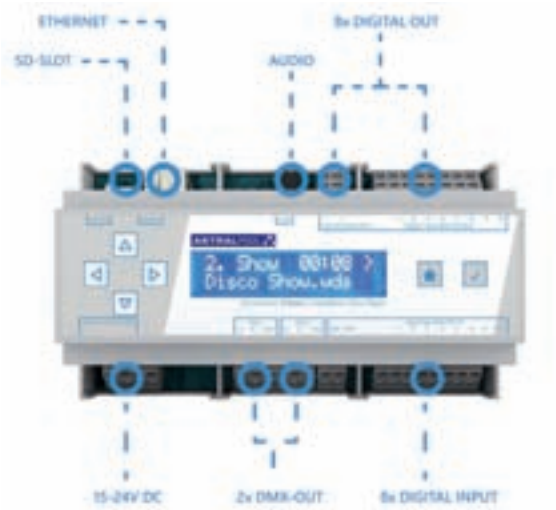
A perfect match for smaller stand-alone fountains as well as musical fountain installations, both feature 8xdigital I/O's.

The V:Nano is fully compatible with our fountain control system Depence. Easily enhance your workflow by uploading shows via SD card or your local network.

Key Features:

- DIN-Rail Mounting
- Scheduler
- Full RDM Support
- Sensor Connectivity
- Remote Control
- V:Nano Scripting
- SD-Card Memory
- Music Playback

	Code
V:Nano 512	72255
V:Nano 1024 Music	72256



TECHNICAL FEATURES

	V:NANO 512	V:NANO 1024 MUSIC
Code	72255	72256
Dimensions	160x90x85 mm DIN Rail	
Weight	0.33 kg	
Protection Class	IP 20	
Power Supply	15..24V DC / 8W	
Operation Temperature	0..40°/ 0..80% humidity	
Certification	CE	
Outputs	1x DMX-RDm 512ch	2x DMX-RDM 1024ch
	-	3.5mm Audio
	8x Digital Output (24V DC, max 1A)	
Inputs	8x Digital Input (max 30V DC)*	
Audio Playback	No	Yes
Memory	microSD Card	

ILLUMINATION



V:SERVER3 TOUCH

Next to Depence², our brand-new software system, we also have redesigned our top-level standalone show controller, the V:Server.

Alongside a new 19 inch rack aluminium case it now features a touch screen interface on the front-panel next to a multicolor LED Logo.

The V:Sever3-Touch also comes with integrated optical isolated digital and analog I/Os to directly connect sensors and triggers.

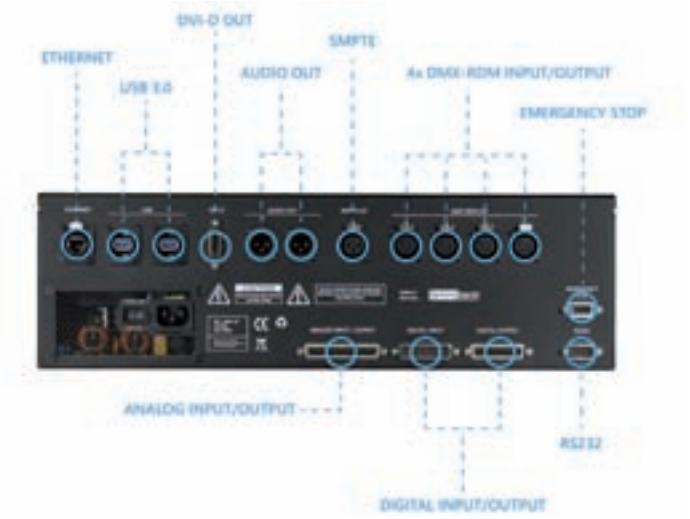
The new node-based logic system of Depence² offers you maximum flexibility for any kind of interactive installation. Pre-existing Depence projects are still fully compatible as well.

The V:Server3-Touch will support projects created in former versions of Depence further on. With high performance and most stable connectivity, the V:Server still remains the perfect choice for running multimedia shows, while offering full ArtNet & RDM support as well as timecode features, and much more.

Key Features:

- BMI – Logic Automation
- Scheduler
- Touch-optimized HMI/Live Panel
- Timecode I/O
- DMX-RDM Support
- ArtNET RDM Support
- Sensor Connectivity
- Remote Access
- Music Playback

	Code
Sn-Spvsu8t: V:Server V3 Touch U8. Standalone Showserver With Up To 8 DMX Universes	73023
Sn-Spvsu16t: V:Server V3 Touch U16. Standalone Showserver Up To 16 DMX Universes	72746
Sn-Spvsu48t: V:Server V3 Touch U48. Standalone Showserver Up To 48 DMX Universes	73618



TECHNICAL FEATURES

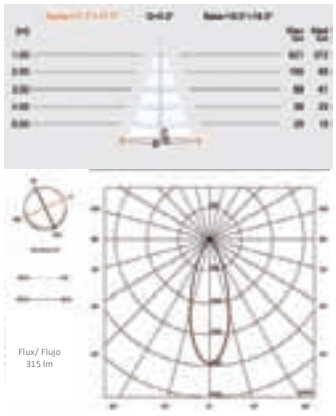
	V:SERVER3-TOUCH
Code	-
Dimensions	19" 3HE 330mm depth
Weight	8.5kg
Protection Class	IP 20
Power Supply	110 / 230V @ 50Hz
Operation Temperature	0..40° / 0..80% humidity
Certification	CE
Connectors	4x DMX RDM XML-5 Pin, 1x RJ45 Ethernet, 2x XLR 3-Pin Symmetric Audio, 1x DVI-Out, 1x SMPTE XLR 3-Pin, 1x RS232, 3x USB 2.0, 1x Emergency Stop, 8x Digital Input, 8x Digital Output, 12x Analog I/O
Memory	120 GB solid state hard drive

ILLUMINATION

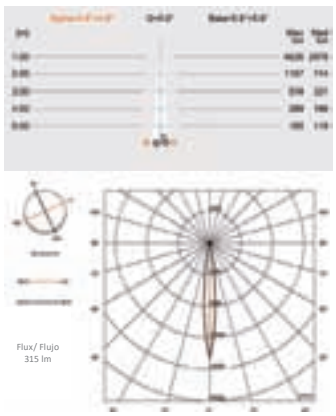
NIQ PROJECTOR

ASTRALPOOL

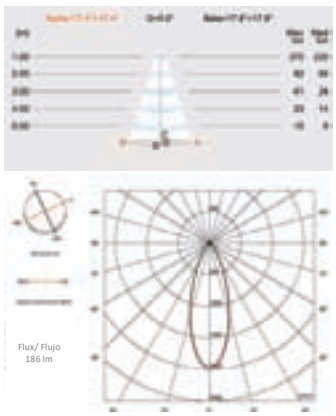
NIQ
Monocolour Optic W



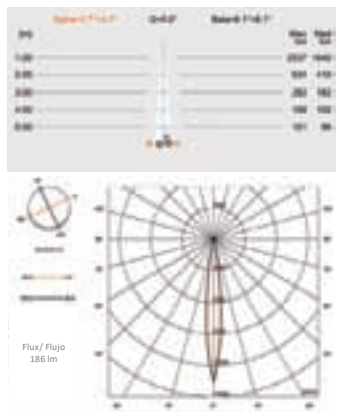
NIQ
Monocolour Optic N



NIQ
Multicolour Optic W



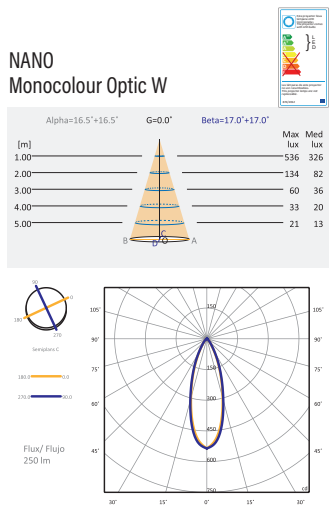
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Multicolour Optic N



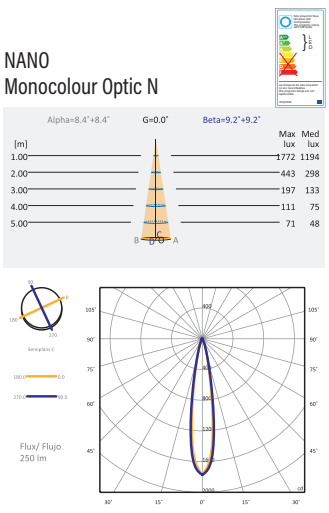
NANO PROJECTOR

ASTRALPOOL

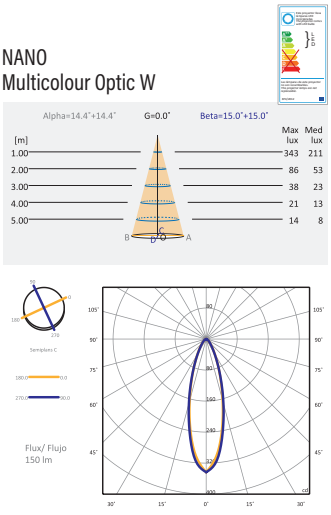
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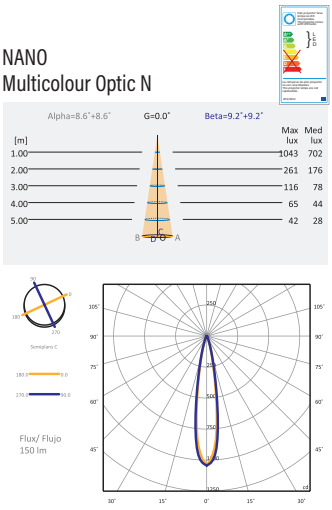
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Monocolour Optic N



NANO
Multicolour Optic W



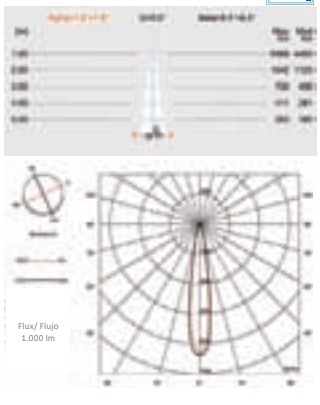
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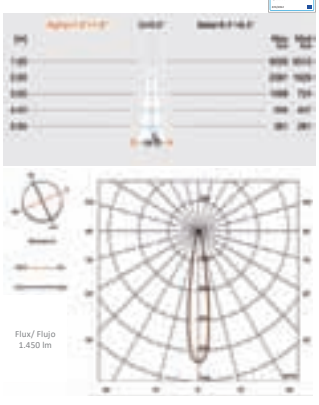
CIRCULAR Ø200 / CIRCULAR Ø300

ASTRALPOOL

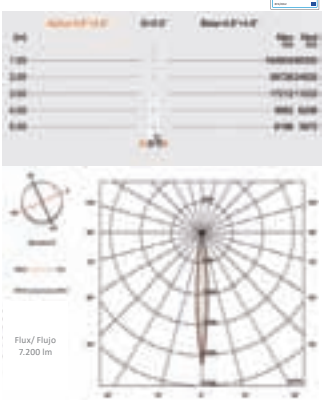
Circular Ø200
MWDMX



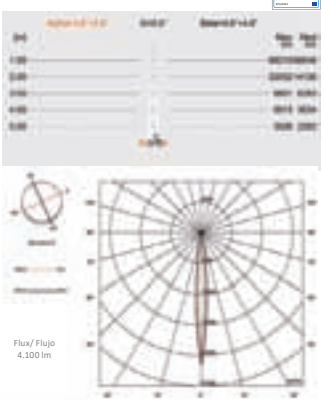
Circular Ø200
Monocolour



Circular Ø300
Monocolour



Circular Ø300
MWDMX

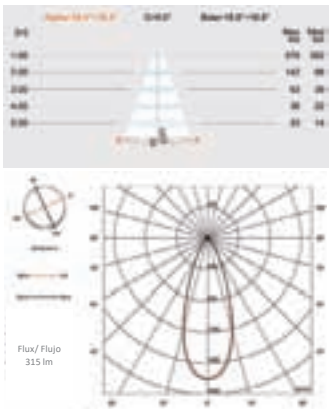


ILLUMINATION

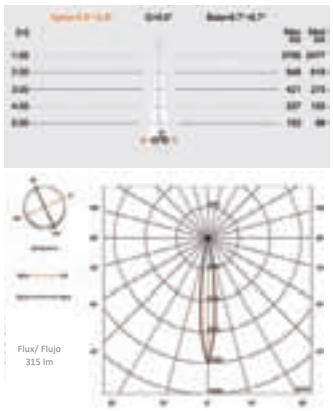
MINI PROJECTOR

ASTRALPOOL

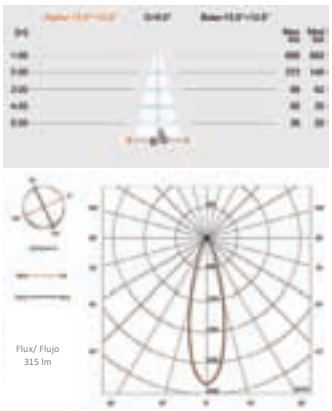
MINI
Monocolour Optic W



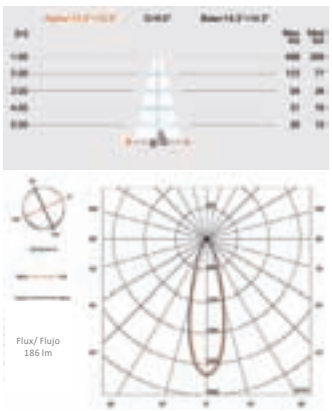
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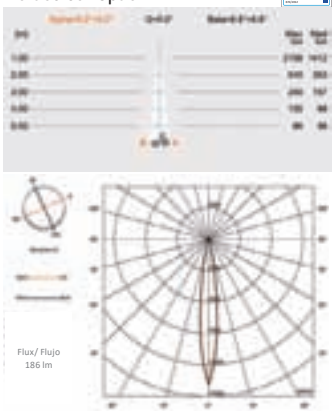
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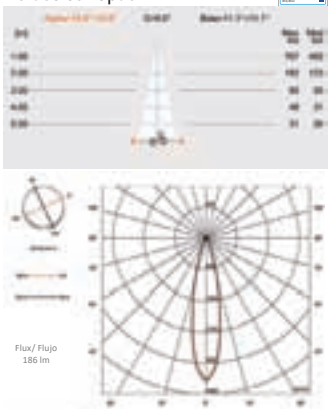
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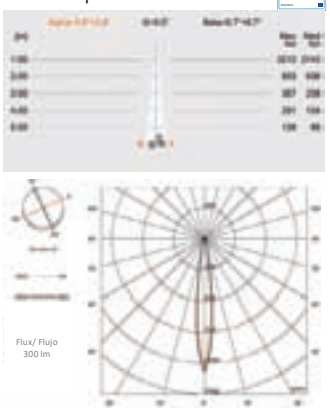
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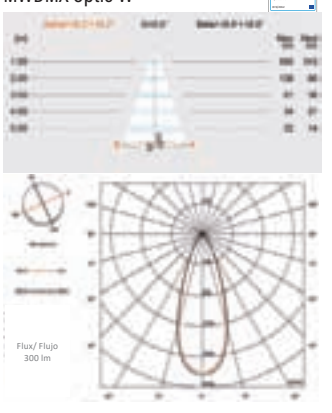
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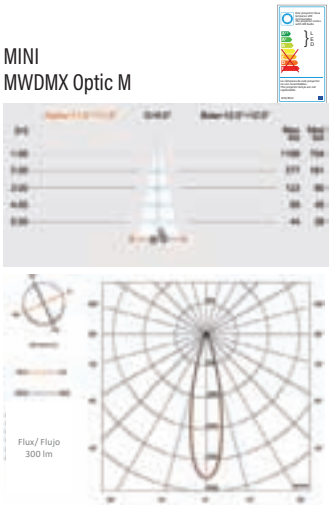
MINI
MWDMX Optic N



MINI
MWDMX Optic W



MINI
MWDMX Optic M

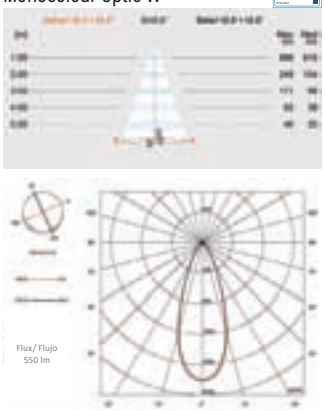


ILLUMINATION

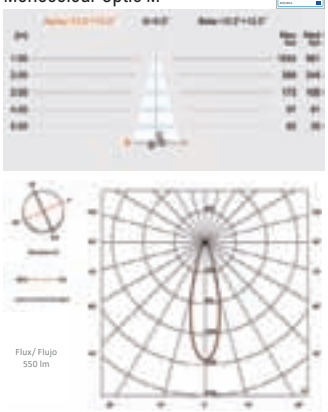
MINI+ PROJECTOR

ASTRALPOOL

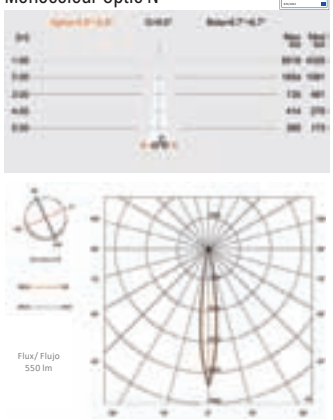
MINI +
Monocolour Optic W



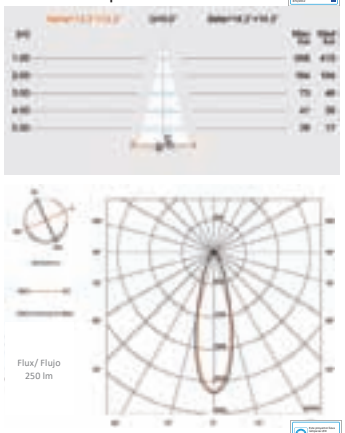
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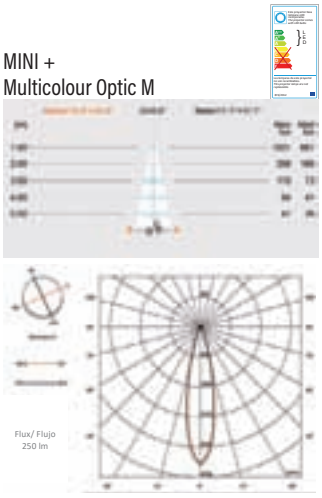
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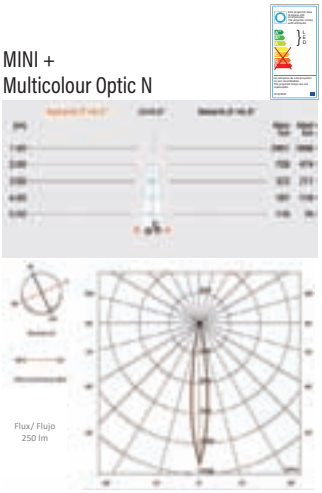
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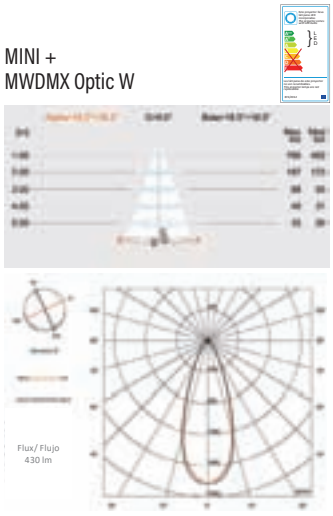
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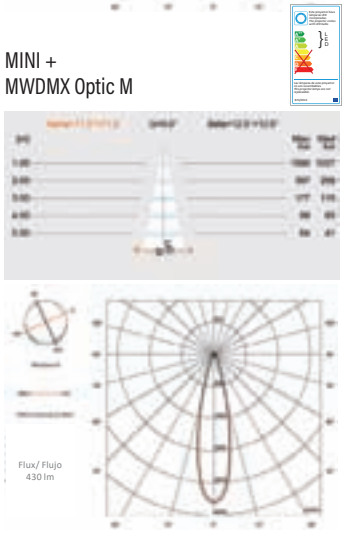
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Multicolour Optic N



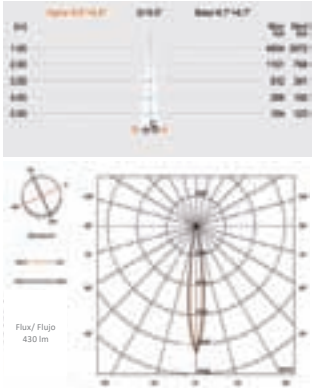
MINI +
MWDMX Optic W



MINI +
MWDMX Optic M



MINI +
MWDMX Optic N



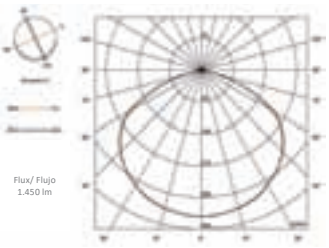
ILLUMINATION

HALOSPOT PROJECTOR

ASTRALPOOL

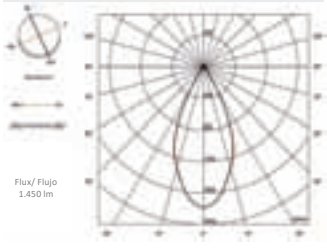
HALOSPOT Monocolour





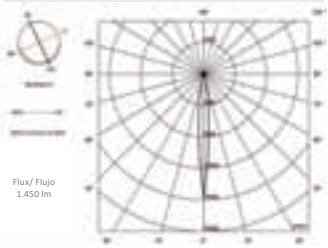
HALOSPOT Monocolour Optic W





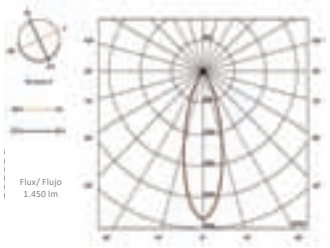
HALOSPOT Monocolour Optic N



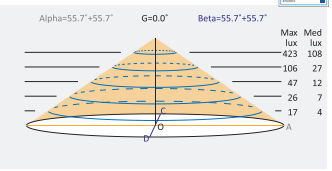


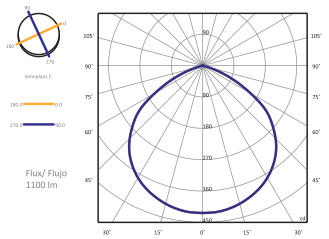
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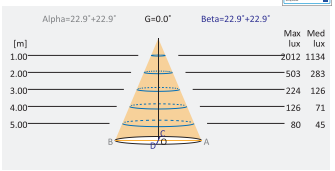


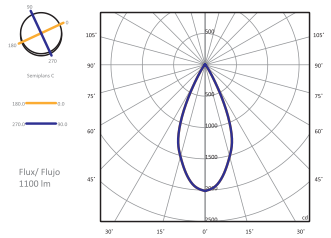
HALOSPOT Multicolour



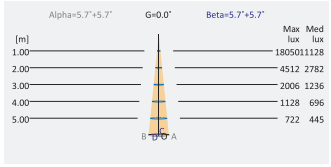


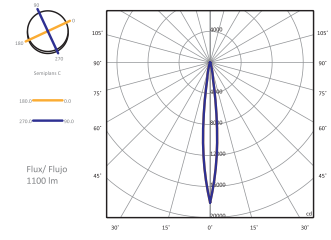
HALOSPOT Multicolour Optic W



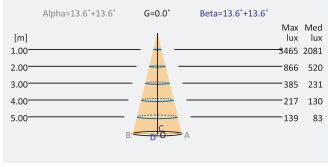


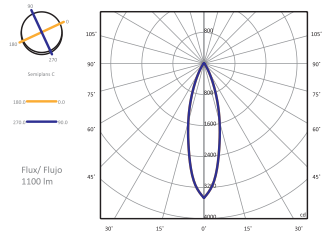
HALOSPOT Multicolour Optic N





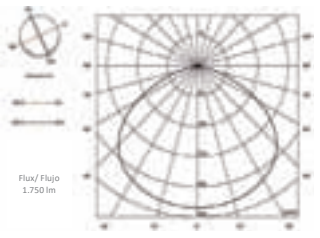
HALOSPOT Multicolour Optic M





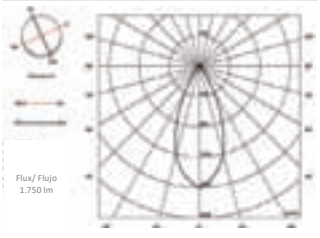
HALOSPOT MWDMX





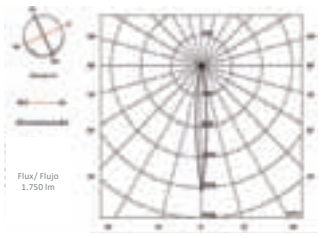
HALOSPOT MWDMX Optic W



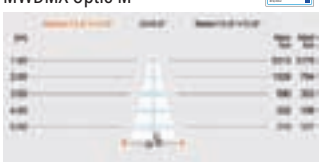


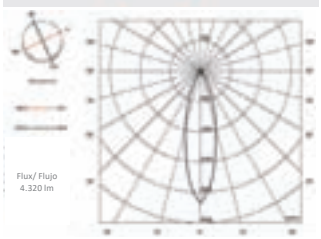
HALOSPOT MWDMX Optic N





HALOSPOT MWDMX Optic M



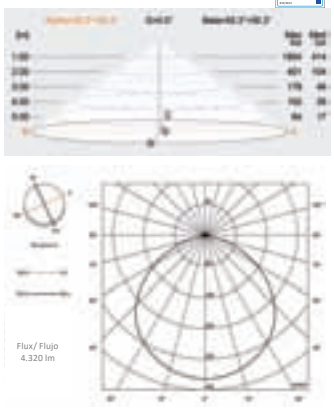


ILLUMINATION

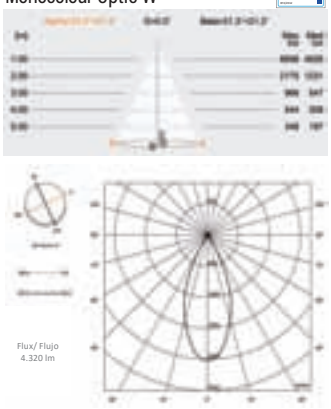
KIBELE PROJECTOR

ASTRALPOOL

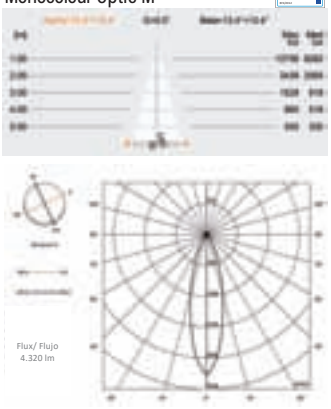
KIBELE
Monocolour



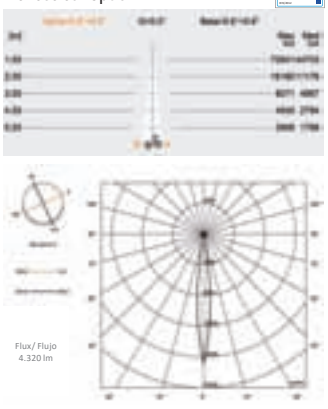
KIBELE
Monocolour Optic W



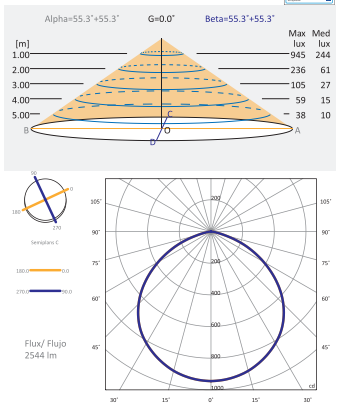
KIBELE
Monocolour Optic M



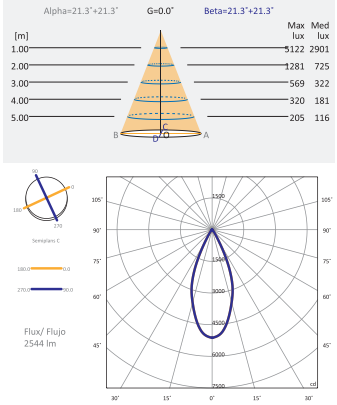
KIBELE
Monocolour Optic N



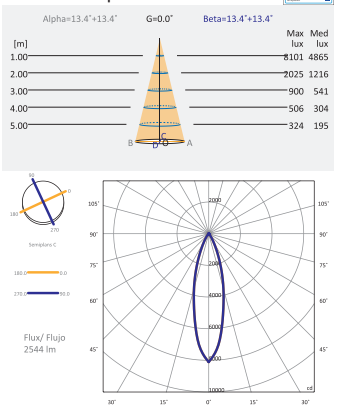
KIBELE
Multicolour



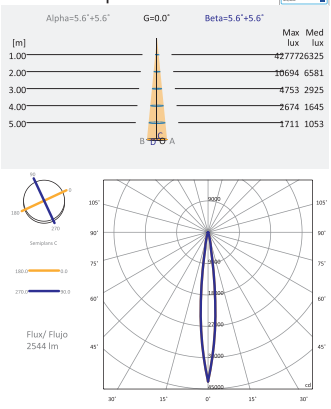
KIBELE
Multicolour Optic W



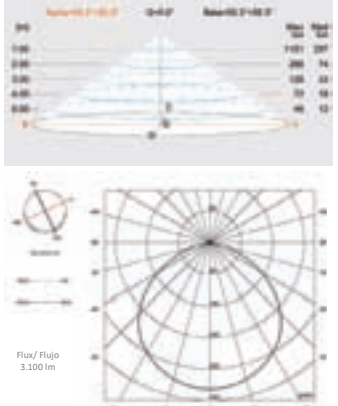
KIBELE
Multicolour Optic M



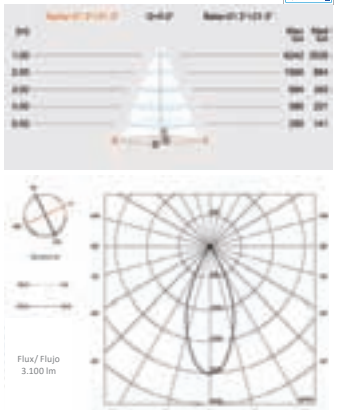
KIBELE
Multicolour Optic N



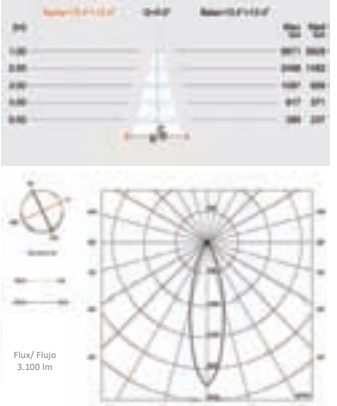
KIBELE
MWDMX



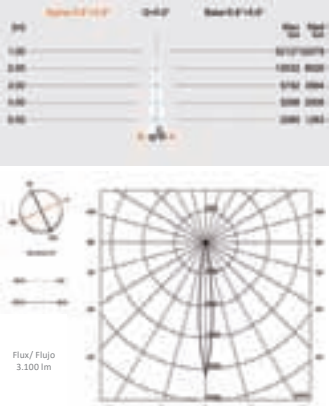
KIBELE
MWDMX Optic W



KIBELE
MWDMX Optic M



KIBELE
MWDMX Optic N

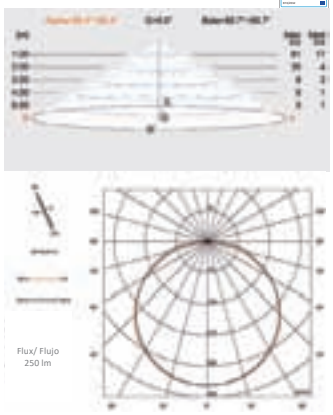


ILLUMINATION

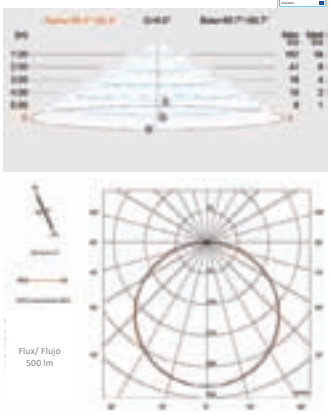
LINEAR ESCALA PROJECTOR

ASTRALPOOL

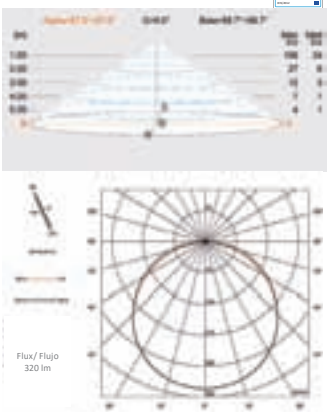
ESCALA (0.5 m)
Monocolour



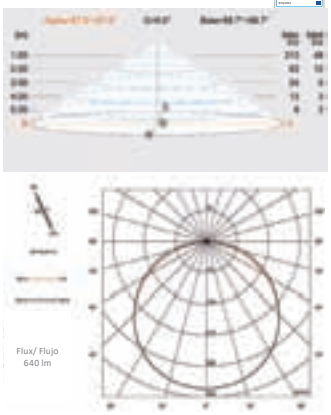
ESCALA (1 m)
Monocolour



ESCALA (0.5 m)
MWDMX



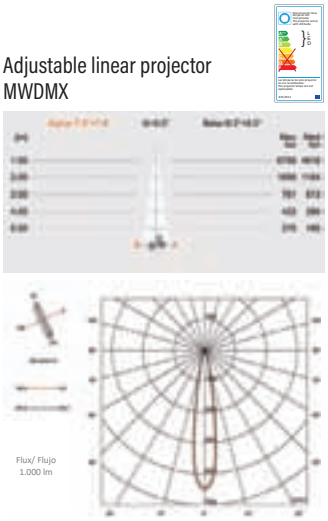
ESCALA (1 m)
MWDMX



ADJUSTABLE LINEAR PROJECTOR

ASTRALPOOL

Adjustable linear projector
MWDMX



COMPLEMENTARY PRODUCTS



LEVEL CONTROL SYSTEM

This control system provides a complete solution for controlling the water level in any fountain. This system makes it possible to fill a fountain automatically and acts as a security system for pumps if a fountain's water level drops too low.

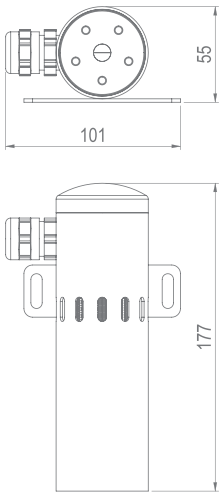
The level control sensor is a very robust model that is resistant to oxidation and made entirely of AISI 316 stainless steel.

In the case of the Level Control Sensor Adjustable, the costumer receives the product with an standard and equal length on all rods, in order that the costumer adjusts this length according to the installation.

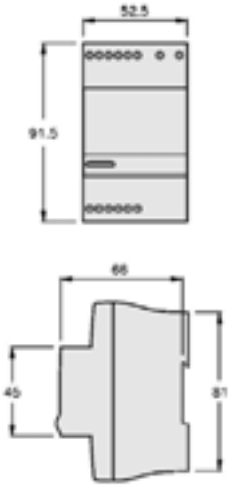
	Code
Level Control Sensor	66636
Level Control Unit	66637
Level Control Sensor Adjustable	67444

TECHNICAL FEATURES	LEVEL CONTROL SENSOR
Code	66636
Dimensions (L x W x H) [mm]	101 x 55 x 177
Level range [mm]	1000
Difference between levels [mm]	20
Number of electrodes	5
Cable included	5 x 1.10 m
Material	AISI 316 stainless steel
Weight [kg]	2.3
Protection rating	IP 68

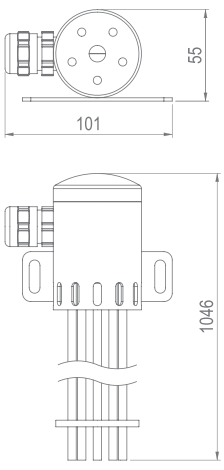
TECHNICAL FEATURES	LEVEL CONTROL UNIT
Code	66637
Dimensions (L x W x H) [mm]	53 x 66 x 92
Voltage [V]	230 VAC
Electrode inputs	5
Outputs	2 relay outpus up to 8A
Indicator led	1 power, 2 outputs
Material	Plastic housing
Mounting	DIN rail
Protection rating	IP20



66636



66637



67444

TECHNICAL FEATURES	LEVEL CONTROL SENSOR ADJUSTABLE
Code	67444
Dimensions (L x W x H) [mm]	101 x 55 x 1046
Level range [mm]	1000
Difference between levels [mm]	20
Number of electrodes	5
Cable included	5 x 1.10 m
Material	AISI 316 stainless steel
Weight [kg]	2.6
Protection rating	IP 68

COMPLEMENTARY PRODUCTS



WIND CONTROL SYSTEM

ASTRALPOOL

This wind control system is the best way of avoiding water loss from jets, thus preventing the area around a fountain and the spectators of a fountain display from getting wet due to the action of the wind.

It can be run in three modes depending on wind speed: normal, reduced fountain jet height and off in case of very strong wind.

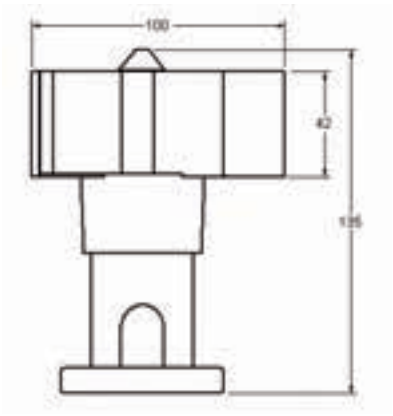
	Code
Wind Control System	
Wind Control Sensor	66577
Wind Control Unit	66578

TECHNICAL FEATURES

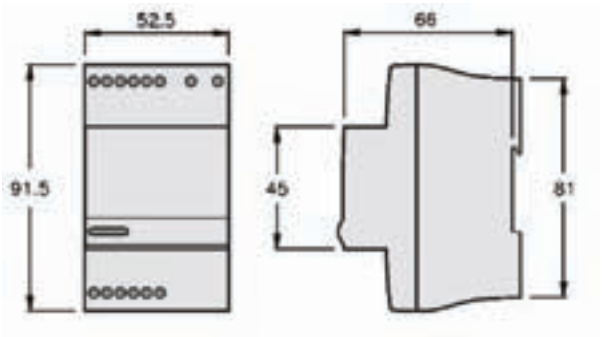
	WIND CONTROL SENSOR
Code	66577
Dimensions (L x W x H) [mm]	100 x 100 x 135
Range [m/s]	2 - 55
Voltage [V]	5 - 15 VDC
Output [Hz]	0 – 210
Cable included	3 x 0.5 20 m
Material	ABS
Weight [kg]	1.2
Protection rating	IP 65

TECHNICAL FEATURES

	WIND CONTROL SENSOR
Code	66578
Dimensions (L x W x H) [mm]	53 x 66 x 92
Range [m/s]	Adjustable
Voltage [V]	230 VAC
Inputs	PNP/NPN or potential free contact
Outputs	3 relay outpus up to 6A
Display	LCD
LED Indicator	1 power, 3 outputs
Material	Plastic housing
Mounting	DIN rail
Protection rating	IP 20

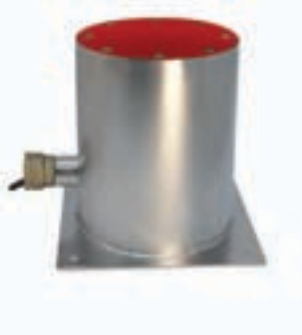


66577



66578

COMPLEMENTARY PRODUCTS

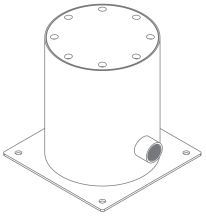


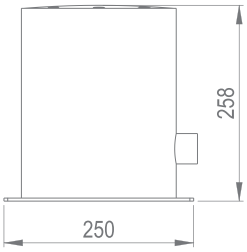
INTERACTIVE SENSOR BUTTONS

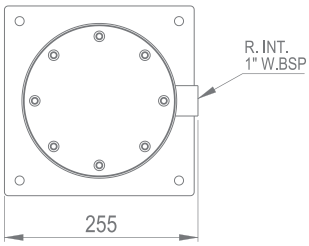
The interactive sensors are the perfect complement to be placed in any ornamental fountain.

Each sensor can produce a different variability into the fountain actuation in real time, producing a guaranteed fun for the whole family.

			Code
Interactive sensor buttons			
Black	-	-	66574
Blue	-	-	66574CL02
Green	-	-	66574CL03
Red	-	-	66574CL04







TECHNICAL FEATURES

	INTERACTIVE SENSOR BUTTONS
Code	66574 (black) / 66574CL02 (blue) / 66574CL03 (green) / 66574CL04 (red)
Dimensions (L x W x H) [mm]	250x 255 x 258
Nominal Voltage [V]	24 (VDC)
Output	Digital Output (24 VDC)
Inlet Connection	1"
Material	Stainless steel 316 - PE-HD -500
Weight [kg]	7.8



COMPLEMENTARY PRODUCTS

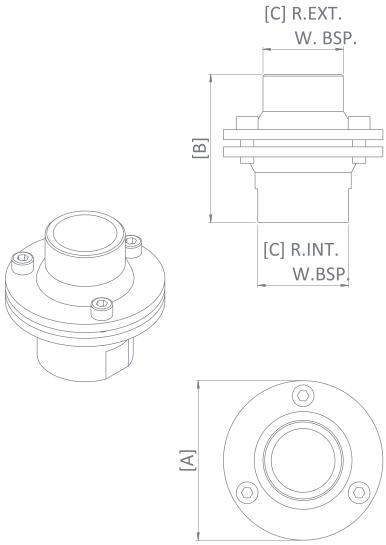


SWIVEL

The swivel is a perfect adapter for all types of nozzles. Corrects the unevenness produced during the development of the work. The swivel also allows positioning any type of nozzle in any desired angle.

It is entirely made of AISI-316 stainless steel, which provides high sturdiness and oxidation resistance, and provides a stylish finish at the fountain.

Water Connection	Nozzle Connection	Code
Swivel		
1"	1"	66930
1 ½"	1 ½"	73798
2"	2"	73799
2 ½"	2 ½"	73800
3"	3"	73801



66930

TECHNICAL FEATURES

	SWIVEL 1"	SWIVEL 1 ½"	SWIVEL 2"	SWIVEL 2 ½"	SWIVEL 3"
Code	66930	73798	73799	73800	73801
Water connection [R] [mm]	1"	1 ½"	2"	2 ½"	3"
Nozzle connection [R INT] [mm]	1"	1 ½"	2"	2 ½"	3"
Total height [H] [mm]	68	75	91	103	118
Total diameter [D] [mm]	70	90	110	140	150
Inclination [β°]	+22 / -22	-10, +10			
Material	AISI-316				
Weight [kg]	0.6	0.8	1.3	2.9	3.6





COMPLEMENTARY PRODUCTS



PIPE FITTING

Pipe fittings are the best way of connecting pipes through the wall or the floor of a fountain.

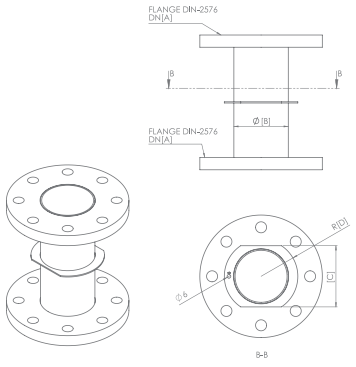
Available in standard sizes from 1"to 4".

All models are extremely robust and resistant to oxidation because they are made entirely of AISI 316 stainless steel.

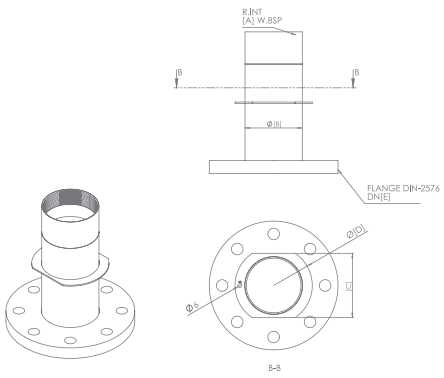
	Code
Pipe Fitting Fl-Fl 3"	66630
Pipe Fitting Fl-Fl 4"	66631
Pipe Fitting Fl-M 3"	66632
Pipe Fitting Fl-M 4"	66633
Pipe Fitting Fl-F 3"	66634
Pipe Fitting Fl-F 4"	66635

TECHNICAL FEATURES

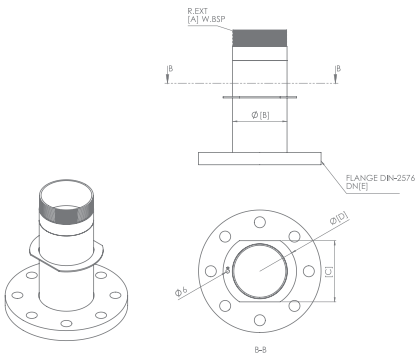
CODE		L [mm]	A	B [mm]	C	D	E
66630	PIPE FITTING FL-FL 3"	220	80	88.9	110	120	-
66631	PIPE FITTING FL-FL 4"	220	100	114.3	135	145	-
66632	PIPE FITTING FL-M 3"	220	3"	88.9	110	120	80
66633	PIPE FITTING FL-M 4"	220	4"	114.3	135	145	100
66634	PIPE FITTING FL-F 3"	220	3"	100	100	120	80
66635	PIPE FITTING FL-F 4"	220	4"	125	126	145	100



PIPE FITTING FL-FL



PIPE FITTING FL-F



PIPE FITTING FL-M

COMPLEMENTARY PRODUCTS



PIPE FITTING

Pipe fittings are the best way of connecting pipes through the wall or the floor of a fountain.

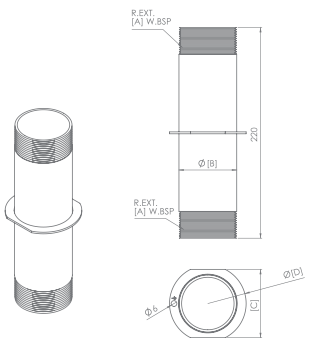
Available in standard sizes from 1" to 4".

All models are extremely robust and resistant to oxidation because they are made entirely of AISI 316 stainless steel.

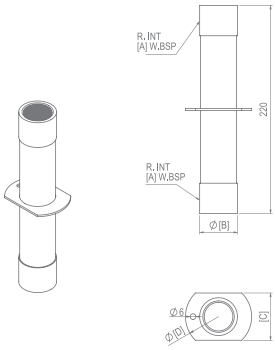
	Code
Pipe Fitting M-M 1"	66615
Pipe Fitting M-M 1-½"	66616
Pipe Fitting M-M 2"	66617
Pipe Fitting M-M 3"	66618
Pipe Fitting M-M 4"	66619
Pipe Fitting F-F 1"	66620
Pipe Fitting F-F 1-½"	66621
Pipe Fitting F-F 2"	66622
Pipe Fitting F-F 3"	66623
Pipe Fitting F-F 4"	66624
Pipe Fitting M-F 1"	66625
Pipe Fitting M-F 1-½"	66626
Pipe Fitting M-F 2"	66627
Pipe Fitting M-F 3"	66628
Pipe Fitting M-F 4"	66629

TECHNICAL FEATURES

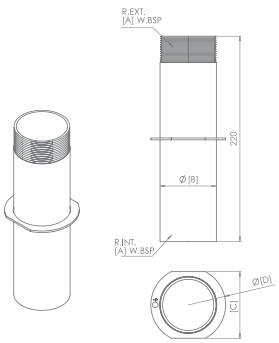
CODE		L [mm]	A	B [mm]	C	D
66615	PIPE FITTING M-M 1"	220	1"	33.4	45	70
66616	PIPE FITTING M-M 1-½"	220	1 ½"	48.3	60	75
66617	PIPE FITTING M-M 2"	220	2"	60.3	72	80
66618	PIPE FITTING M-M 3"	220	3"	88.9	100	120
66619	PIPE FITTING M-M 4"	220	4"	114.3	126	145
66620	PIPE FITTING F-F 1"	220	1"	40	50	70
66621	PIPE FITTING F-F 1-½"	220	1 ½"	55	65	110
66622	PIPE FITTING F-F 2"	220	2"	70	85	120
66623	PIPE FITTING F-F 3"	220	3"	100	125	150
66624	PIPE FITTING F-F 4"	220	4"	125	145	160
66625	PIPE FITTING M-F 1"	220	1"	40	45	70
66626	PIPE FITTING M-F 1-½"	220	1 ½"	55	80	110
66627	PIPE FITTING M-F 2"	220	2"	70	80	110
66628	PIPE FITTING M-F 3"	220	3"	100	100	120
66629	PIPE FITTING M-F 4"	220	4"	125	126	145



PIPE FITTING M-M



PIPE FITTING F-F



PIPE FITTING M-F

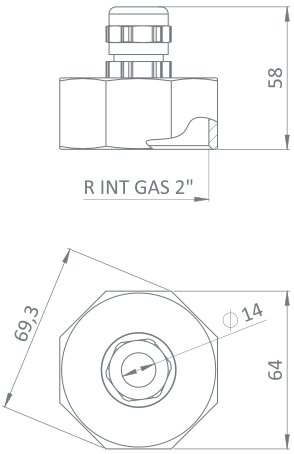
COMPLEMENTARY PRODUCTS



CABLE INLET FITTING 1 - 2" FEMALE THREAD

Cable inlet fitting 2" threaded for cable gland for wires of different diameter depending on the model. Made with AISI-316 stainless Steel and nickel pated brass. Works as a cable inlet fitting for 2" pipes.

	Code
Cable Inlet Fitting 1 - 2" Female Thread	72049
Cable Inlet Fitting 1 - 2" Female Thread	73350



TECHNICAL FEATURES

	CABLE INLET FITTING 1 - 2" FEMALE THREAD	
Code	72049	73350
Dimensions (L x W x A) [mm]	70 x 64 x 58	70 x 64 x 65
Cable diameter [mm]	5-14	11-20
Connection	2" G	
Material	Stainless Steel 316 / Nickel plated brass	

COMPLEMENTARY PRODUCTS



CABLE INLET FITTING

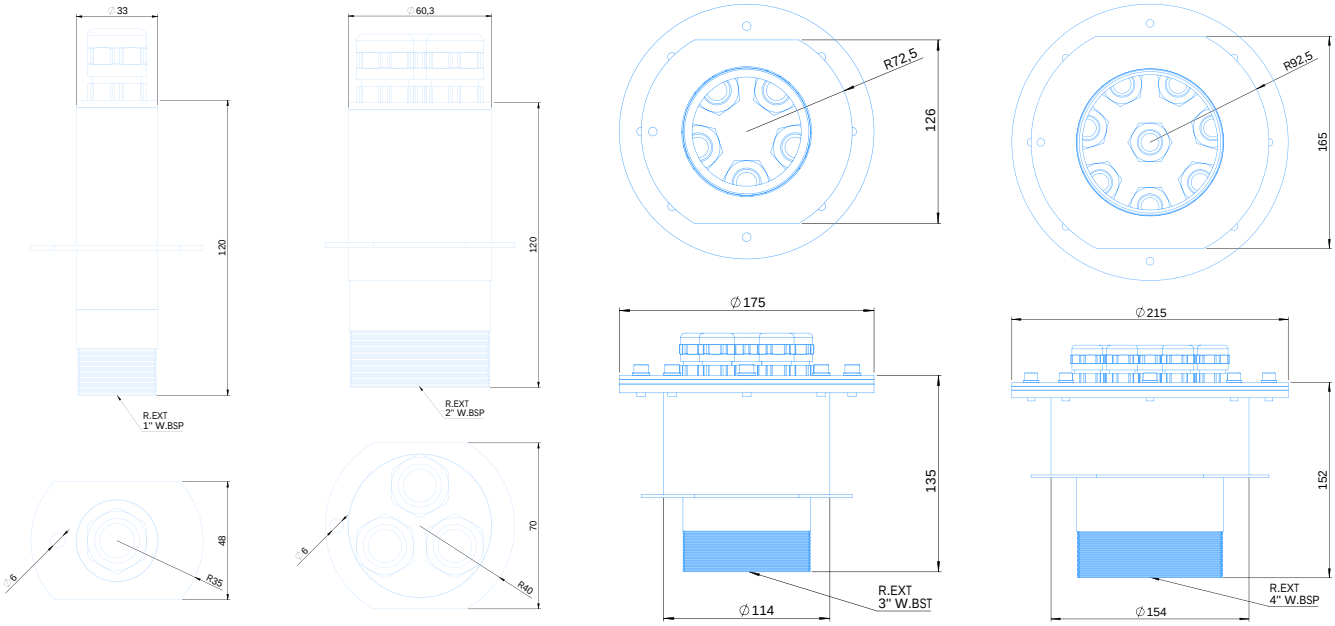
The Cable Inlets Fittings are the best way to ensure watertight connections with cable through the walls of the fountain. With its original design allow the connection of different devices with the same Cable Inlet Fitting.

It is a very robust and resistant to oxidation model manufactured entirely in AISI 316 stainless steel.

	Code
Cable inlet fitting	
70 x 48 x 122 mm	66598
80 x 70 x 122 mm	66599
175 x 175 x 152 mm	66600
215 x 215 x 152 mm	66601

TECHNICAL FEATURES

	CABLE INLET FITTING			
Code	66598	66599	66600	66601
Dimensions (L x W x A) [mm]	70 x 48 x 122 mm	80 x 70 x 122 mm	175 x 175 x 152 mm	215 x 215 x 152 mm
Connection	1" G	2" G	3" G	4" G
Number of inlets	1	3	5	8
Wire diameter	5-14	5-14	5-14	5-14
Material	Stainless steel 316			
Protection class	IP 68			



COMPLEMENTARY PRODUCTS



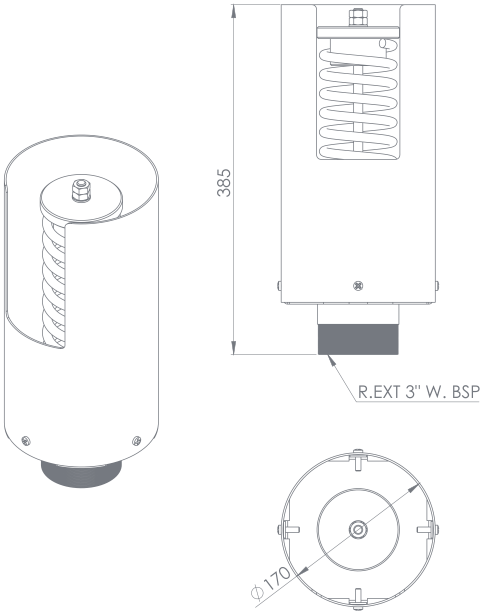
PRESSURE HOLDING VALVE

Pressure holding valve to install in manifolds with several controlled outputs. With this valve it is possible to maintain the pressure in the manifold, regardless of the open outputs.

With this valve is also possible to protect the pump against overload and the line of excessive pressures, in addition of ensuring a minimum flow.

It is a very robust and resistant to rusting model manufactured entirely in AISI 316 stainless steel.

	Code
Pressure Holding Valve	73349



TECHNICAL FEATURES

	PREFILTER LFS
Code	73349
Dimensions (L x W x H) [mm]	385 x 170 x 170
Connection	3"M
Maximum flow [l/min]	720
Maximum pressure [bar]	2.2
Material	AISI 316 Stainless steel

COMPLEMENTARY PRODUCTS



PREFILTER LFS

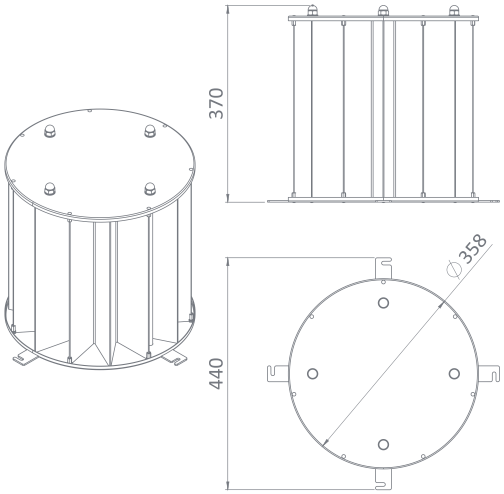
Prefilter LFS are mounted on the inlets of the suction lines to protect devices and water circuit from coarse debris.

Is highly versatile because it can be installed on the pipe directly and bolt it easily to the floor.

It has a large filter surface, so increases highly filter clogging time.

It is a very robust and resistant to rusting model manufactured entirely in AISI 316 stainless steel..

	Code
Prefilter LFS	73348



TECHNICAL FEATURES

	PREFILTER LFS
Code	73348
Dimensions (L x W x A) [mm]	440x 440 x 370
Connection	DN150
Filter surface [m²]	1
Particle strainer [mm]	5
Material	AISI 316 stainless steel
Weight [kg]	4.5 kg

COMPLEMENTARY PRODUCTS



WATERPROOF JUNCTION SS D20 / D14

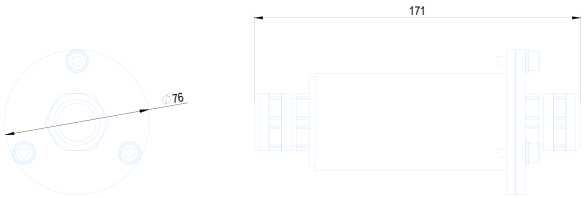
ASTRALPOOL

This robust waterproof junction allows to make IP68 connections, both for electrical and communication cables.

It is available in two different models, depending on the cable diameter to be connected.

Both models are made of AISI 316 stainless steel to ensure high protection against rust and weathering.

	Code
Waterproof Junction	
D14	70685
D20	70684



TECHNICAL FEATURES

	WATERPROOF JUNCTION D14	WATERPROOF JUNCTION D20
Code	70685	70684
Dimensions (L x W x H) [mm]	171 x 76 x 76	171 x 76 x 76
Cable diameter range [mm]	14 - 5	20 - 11
Material	SS 316 / Brass / TPE	
Protection class	IP68	



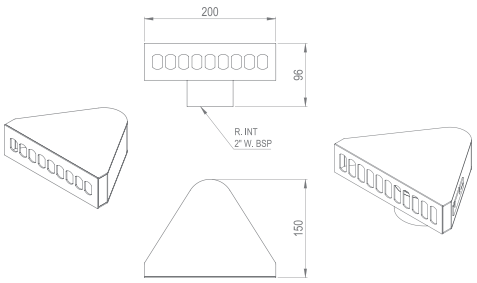
OVERFLOW

ASTRALPOOL

This overflow is suitable for any type of fountain. It is ideal for keeping the water level stable at all times and avoiding flooding.

It is available in two different models, depending on the surface of the fountain. Both models are made of AISI 316 stainless steel to ensure high protection against rust and weathering..

	Code
Overflow	
Overflow 200	66612
Overflow 250	66613



66612 66613

TECHNICAL FEATURES

	OVERFLOW	
Code	66612	66613
Dimensions (L x W x H) [mm]	200 x 150 x 96	250 x 179 x 104
Aspiration Flow 0.5 m/s [m^3/h]	4.5	10
Connection	2" G	3" G
Material	Stainless Steel 316	

COMPLEMENTARY PRODUCTS



OVERFLOW

ASTRALPOOL

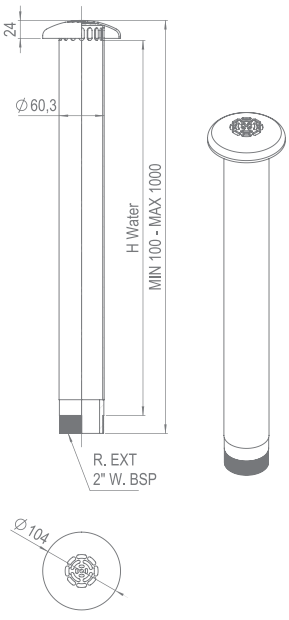
This overflow is suitable for any type of fountain. It is ideal for keeping the water level stable at all times and avoiding flooding.

It is available in two different models, depending on the surface of the fountain.

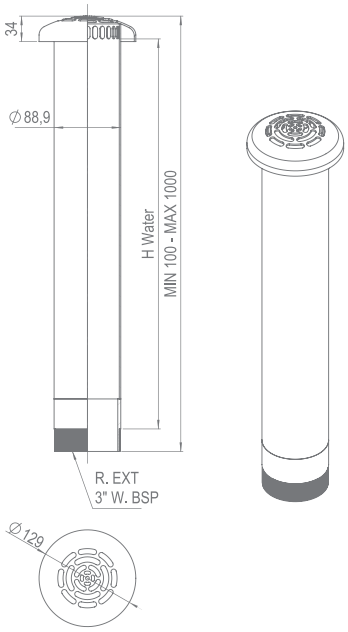
The standard model is manufactured between 10 and 100 centimeters, with the possibility of other dimensions on request.

Both models are made of AISI 316 stainless steel to ensure high protection against rust and weathering.

	Code
Overflow	
Overflow 2"	66610LXXXX
Overflow 3"	66611LXXXX



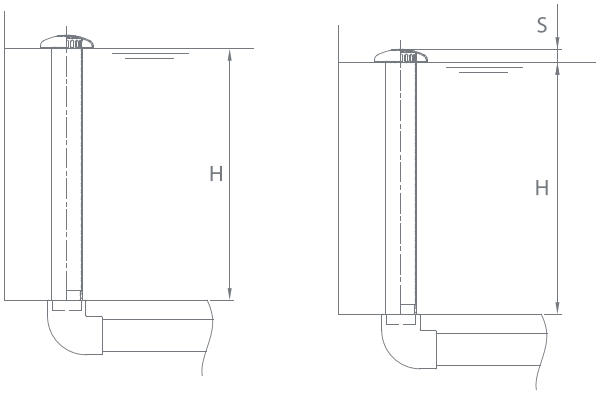
66610LXXXX



66611LXXXX

TECHNICAL FEATURES

	OVERFLOW	
Code	66610LXXXX	66611LXXXX
Dimensions (L x W x H) [mm]	105 x 105 x (100-1000)	130 x 130 x (100-1000)
Aspiration Flow 0.5 m/s [m³/h]	4.5	10
Connection	2" G	3" G
Material	Stainless Steel 316	



66611LXXXX

COMPLEMENTARY PRODUCTS



JUNCTION BOXES

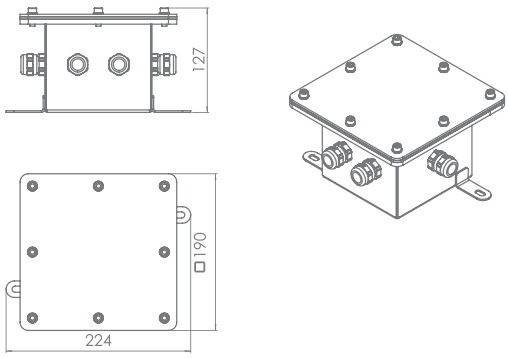
The Junction Boxes are the best way to ensure watertight connections between cable inside the pool of the fountain. With its original design allow the connection of different devices with the same Junction Box.

It is a very robust and resistant to oxidation model manufactured entirely in AISI 316 stainless steel.

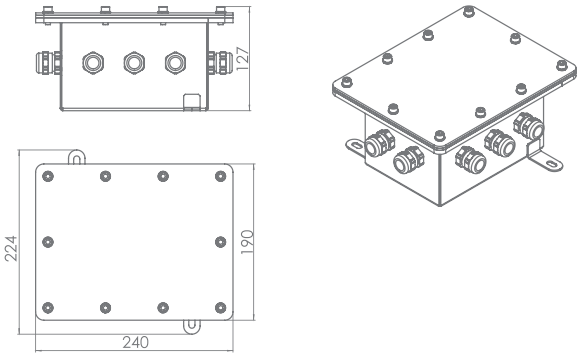
	Code
Junction Box 6	66602
Junction Box 10	66603
Junction Box 16	66604
Junction Box 32	66605

TECHNICAL FEATURES

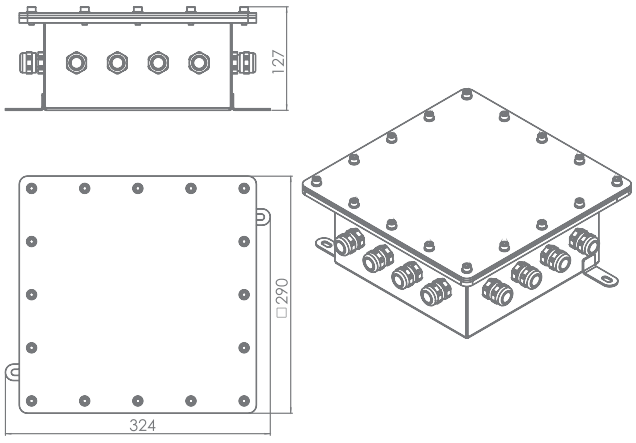
	JUNCTION BOXES			
Code	66602	66603	66604	66605
Dimensions (L x W x H) [mm]	224x190x127	240x224x127	324x290x127	324x290x139
Number of inlets	6	10	16	32
Wire diameter	5-14	5-14	5-14	5-14
Material	Stainless steel 316			
Protection class	IP 68	IP 68	IP 68	IP 68



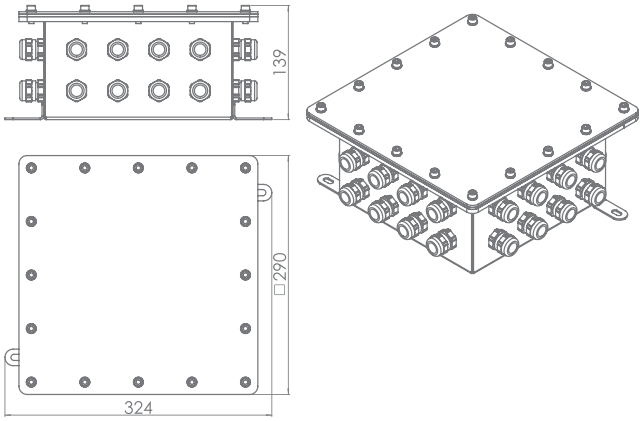
66602



66603



66604



66605

COMPLEMENTARY PRODUCTS



CABLE INLET FITTING BOX

The Cable inlet Fitting Box are the best way to ensure watertight connections with cable through the walls of the fountain and at the same time interconnect different devices.

It is a very robust and resistant to rusting model manufactured entirely in AISI 316 stainless steel.

		Code
Cable Inlet Fitting Box		
290 x 290 x 263 mm	3" G	66606
290 x 290 x 275 mm	3" G	66607
290 x 290 x 263 mm	4" G	66608
290 x 290 x 275 mm	4" G	66609

TECHNICAL FEATURES

	CABLE INLET FITTING BOX			
Code	66606	66607	66608	66609
Dimensions (L x W x H) [mm]	290 x 290 x 263 mm	290 x 290 x 263 mm	290 x 290 x 263 mm	290 x 290 x 275 mm
Connection	3" G	3" G	4" G	4" G
Number of inlets	16	32	16	32
Wire diameter	5-14	5-14	5-14	5-14
Material	Stainless steel 316			
Assembled protection class	IP 68			

COMPLEMENTARY PRODUCTS







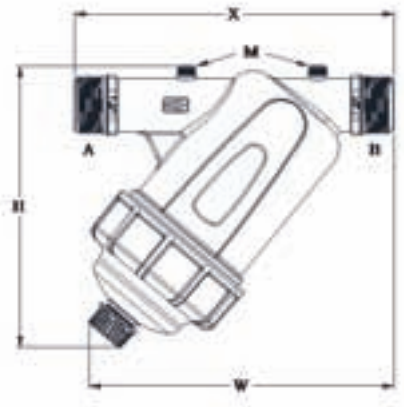
LF FILTERS

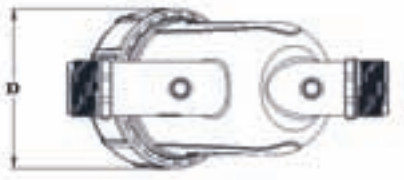
CEPEX

	Code
Cepex Manual LF Filters	
¾"B Screen 130 micron - 5 m³/H	34910
1"B Screen 130 micron - 6 m³/H	34911
1 ¼"B Screen 130m - 10 m³/H	04132
1 ½"B Screen 130m - 14 m³/H	04133
2"B screen 130 micron - 25 m³/h	34912

TECHNICAL FEATURES

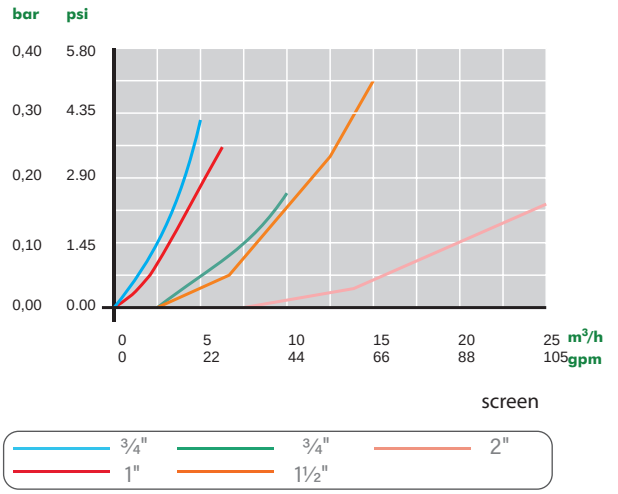
	CEPEX MANUAL LF FILTERS				
Code	34910	34911	04132	04133	34912
Connection	¾"	1"	1 ¼"	1 ½"	2"
Maximum flow	5 m³/h - 22 gpm	6 m³/h - 26 gpm	10 m³/h - 44 gpm	14 m³/h - 62 gpm	25 m³/h - 110 gpm
Filtration surface (mesh)	160 cm² - 25 in2	160 cm² - 25 in2	265 cm² - 41 in2	265 cm² - 41 in2	485 cm² - 75 in2
Maximum temperature / pressure	8 bar/116 psi - 60 °C/140 °F	8 bar/116 psi - 60 °C/140 °F	8 bar/116 psi - 60 °C/140 °F	8 bar/116 psi - 60 °C/140 °F	8 bar/116 psi - 60 °C/140 °F





DIMENSIONS

	H		W		X		D	
	mm	in	mm	in	mm	in	mm	in
34910	173	7	185	7	158	6	83	3
34911	173	7	190	7	168	7	133	5
04132	202	8	231	9	231	9	133	5
04133	202	8	231	9	231	9	155	5
34912	248	10	270	11	267	11	144	6



COMPLEMENTARY PRODUCTS



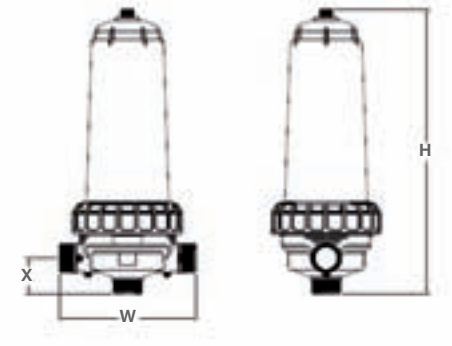
HFL FILTERS

CEPEX

	Code
Cepex Manual HLF Filters	
2 B Screen 130 Micron - 30m³/H	62271
2 large B Screen 130m - 30m³/H	62273
3 B Screen 130 Micron - 50m³/H	62275
3 large B Screen 130 Micron - 50m³/H	62277

TECHNICAL FEATURES

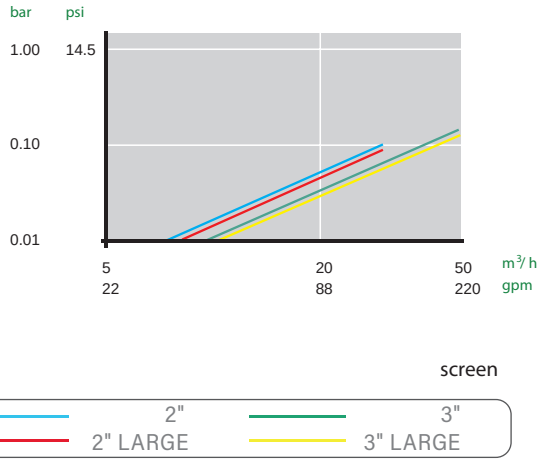
	CEPEX MANUAL HLF FILTERS			
Code	62271	62273	62275	62277
Connection	2"	2" Large	3"	3" Large
Maximum flow	30 m³/h - 132 gpm	30 m³/h - 132 gpm	50 m³/h - 220 gpm	50 m³/h - 220 gpm
Filtration surface (mesh)	650 cm² - 101 in2	960 cm² - 149 in2	650 cm² - 101 in2	960 cm² - 149 in2
Maximum temperature / pressure	6 bar/90 psi - 60 °C/140 °F	6 bar/90 psi - 60 °C/140 °F	6 bar/90 psi - 60 °C/140 °F	6 bar/90 psi - 60 °C/140 °F



DIMENSIONS

	H		W		X		D	
	mm	in	mm	in	mm	in	mm	in
62271	445	17.5	286	11.2	75	3.0	231	9.1
62273	595	23.4	286	11.2	75	3.0	231	9.1
62275	495	19.5	336	13.2	110	4.3	231	9.1
62277	645	25.4	336	13.2	110	4.3	231	9.1







LAGOONS

FLUIDRA



ASTRALPOOL



Laguna Martianez. Puerto de la Cruz, Tenerife (Spain).



INNOVATIVE LAGOON & LAKE SOLUTIONS AT THE HEART OF YOUR TOURISM, RESIDENTIAL OR REAL ESTATE PROJECT

A lagoon - a man made recreation of an idyllic coastal paradise is an innovative solution that is setting a trend in the hotel, private and real estate industries.

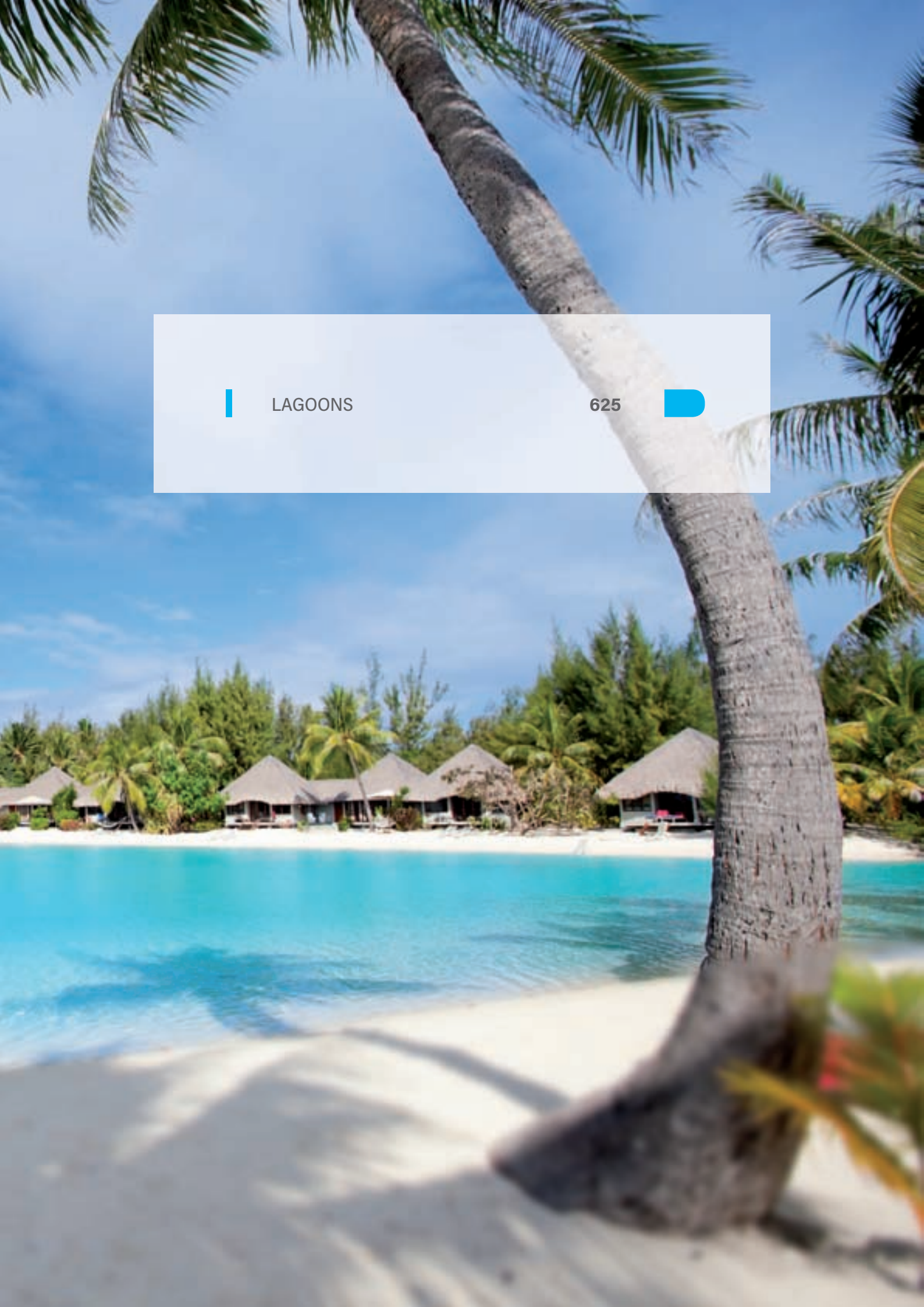
These oases can be adapted to limitless shapes and sizes thanks to Fluidra's sustainable technology.

These well defined spaces are an extremely versatile solution that make it possible to include multiple concepts in a single design.

They are able to accommodate a wide range of activities, including water sports like swimming, kayaking, paddle surfing, even sailing in small boats, as well as a host of **recreational activities that make this unique concept perfect for all types of users**.

ASTRALPOOL





LAGOONS 625



LAGOONS

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626 What is considered a Lake and a Lagoon
628 Exploration of Economic performance spaces
630 Wide Range of Sports
631 Maximum Quality
631 Pristine Water

LAGOONS & LAKES

WHAT IS CONSIDERED A LAKE AND A LAGOON

A lagoon is an artificial recreation of a paradisiacal beach mainly used in hotels, resorts and real estate, among others These multifunctional spaces are an extremely versatile solution that make it possible to include a wide range of concepts, areas, themes and services.

They are able to accommodate a wide range of activities, including water sports like swimming, kayaking, paddle surfing, sailing, as well as a recreational activities that make this unique concept perfect for all family and users.



An artificial lake on the other hand, is a large body of water that provides a fresh, ornamental touch to outdoor areas It can also include some water shows or water activities such as boats for navigation but they can't be used for swimming and aquatic sports.



LAGOONS & LAKES

LAGOONS



Great blend with the landscape

Sensation of being in the sea

Return of investment

Multifunctional solution

Different depths ideal for all family

100% Customized designs

LAKES

Great blend with the landscape

Multifunctional solution

Return of investment

100% Customized designs



LAGOONS & LAKES

EXPLORATION OF ECONOMIC PERFORMANCE SPACES

Empowerting the profitability of your project







LAGOONS & LAKES

The customized and cutting-edge designs of our lagoons create a "pull" effect, generating an increase in demand that translates into more sales for the buisness and activities located directly on the lagoon. Likewise, lagoons increase the value of any property and deliver added value to developments.





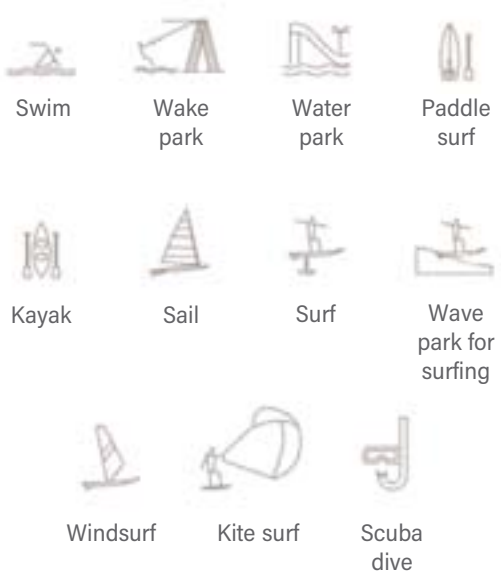


LAGOONS & LAKES

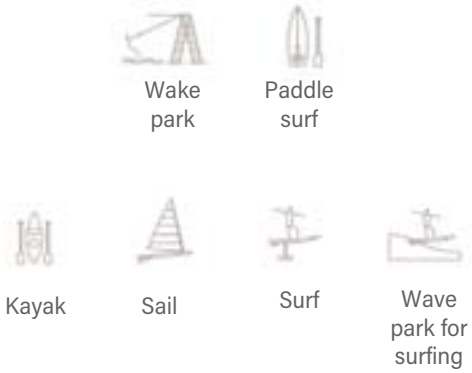
WIDE RANGE OF SPORTS

Our lagoons are safe spaces -no dangerous currents or jellyfish here- that provide recreation and fun for the enitre family, with multiple opportunities for both rest and relaxation, as well as sports, including kayaking, wakeboarding and paddle surfing.

LAGOONS



LAKES



LAGOONS & LAKES

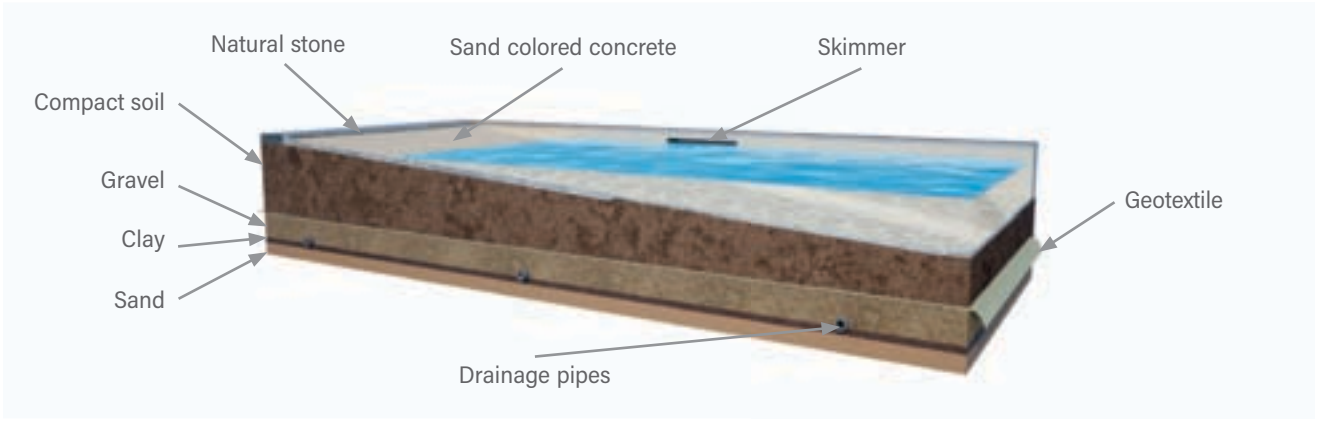
MAXIMUM QUALITY

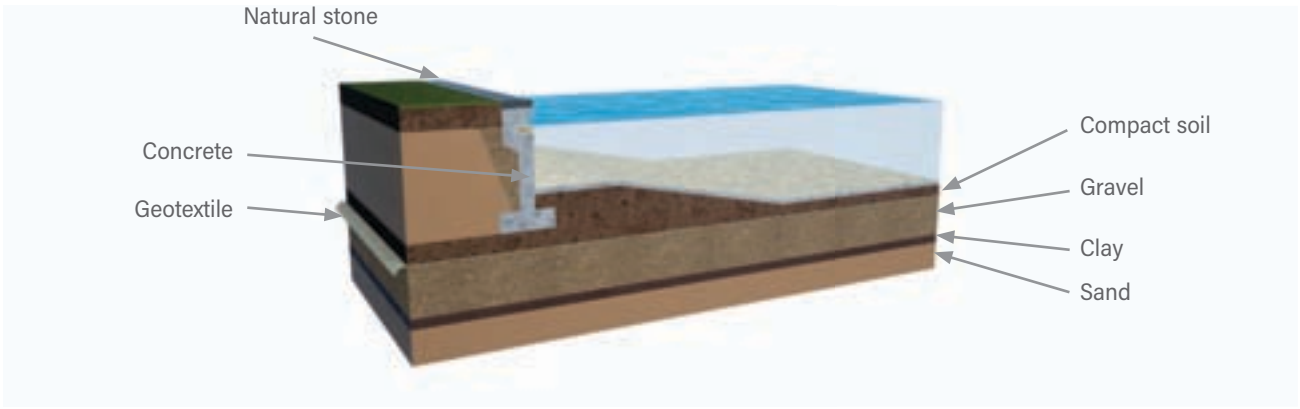
Focused on every project

As designers, manufacturers and suppliers, at Fluidra we ensure that the investment in our lagoons has a minimal impact on construction and maintenance costs.

Waterlight

Our lagoons are equipped with a double layer of protection that guarantees water tightness.





PRISTINE WATER

Lagoon treatment

Our lagoons are designed to adapt to the requirements of each project, and we offer both freshwater and saltwater solutions.

Treatment and desinfections consists essentially of:

- Filtration system.
- Recirculation system.
- Desinfection water treatment.
- Flocculation system.
- UV system.

Microbiological and physicochemical quality

Compliance with international health standards.



FLUIDRA

Av. Alcalde Barnils, 69
08174 Sant Cugat del Vallès (Barcelona) Spain
Tel. : +34 93 724 39 00
www.astralpool.com