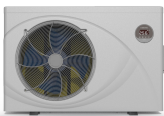


# GREEN R32 LINE

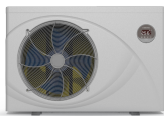


Models

HP 1100 GREEN Inverter Pro



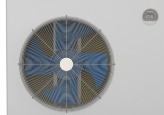
HP 1500 GREEN Inverter Pro



HP 2100 GREEN Inverter Pro



HP 2700 GREEN Inverter Pro



11 kW / 30 m<sup>3</sup>

31.6 kW / 135 m<sup>3</sup>

- Automatic cooling/heating
- Full stepless inverter DC compressor
- Full high-end inverter with best equipment and features (exceeding Full low-end inverter and step inverter)
- Heat pump of the highest quality and sophisticated inverter electronics
- Remote control system, which enables other control system to control heat pump
- Built in Wi-Fi module for mobile phone control as standard
- Winter module for year-round use as standard
- With soft start which lowers the electricity needs, prolongs product life and avoids current peaks
- Rapid defrosting of the ice, making it more efficient
- With SuperSilent mode with power limited to 65% making it the quietest inverter pool heat pump
- Air exchanger in Goldfin offering more hydrophobic surface and better heat Exchange efficiency
- New environment-friendly refrigerant R32

**STANDARD EQUIPMENT:**

- MICROWELL heat pump,
- DRY On-Off contact,
- Circulation pump control,
- Built in Wi-Fi module, with mobile application on GOOGLE Play, App STORE,
- Winter module,
- 4-way valve hot gas defrost and EEV,
- Condensate tray defrost,
- Remote control system
- ultraQUIET+
- antiVIBRATION+
- easyINSTALL+



**ACCESSORIES:**

- Protection cover

**WATER FLOW**  
From 3 to 7 m<sup>3</sup>/h

**WATER CONNECTION**  
DN50 internal 6/4" thread

**WATER EXCHANGER**  
Titanium of class Gr2- ASTM B338 with surface up to 0.48 m<sup>2</sup> pressure drop max 1.5kPa water pressure up to 5bar

**ACTIVE DEFROST**  
4-way valve

**CONTROL PANEL**  
LCD display  
Wi-Fi iOS/Android  
AUTO mode  
Full service settings and operational parameters  
microECONOMY+

**AIR FAN**  
Axial air fan  
protection fan grates RAL9006

**AIR EXCHANGER**  
Gold fin epoxid  
anti-corrosion  
salt water resistant

**COVER**  
ABS Cover  
light, without vibration

**SILENT BLOCKS**  
antiVIBRATION+

**COMPRESSOR**  
Mitsubishi Twin-Rotary Inverter Compressor  
quiet & energy class A+  
microCOMPRESSOR+

**COP up to 15**  
at Air 27°C / Water 27°C / Humidity 80%

**Automatic HEATING COOLING included**

**FULL YEAR heating 0°C|+43°C**

**Wi-Fi control possible**

MODEL	Pool capacity (cubic / gal / covet)	Heating capacity (kW/1000BTU/h)	Cooling capacity (kW/1000BTU/h)	(R27/R027/R400%)			Operating temperature °C	Water flow m <sup>3</sup> /h	Power supply V AC / ph	Heat exchanger type	Titanium surface m <sup>2</sup>	Acoustic pressure level dB (A)	Water circuit connection mm / inch / thread	Net dimensions L / W / H
				Heating output kW	Power consumption kW	COP								
HP 1100 GREEN Inverter Pro	65 / 30	12.4	4.5	10.8	0.20-1.71	14-6.4	-10 ... +43	3-5	230V / 1ph / 50Hz	Twisted ASTM B338/Gr 2 in plastic body	0.52	42.8	e50 / 6/4 / internal	961x340x658
HP 1500 GREEN Inverter Pro	80 / 40	17.3	6.7	15.0	0.27-2.28	15-6.6	-10 ... +43	5-7			0.72	45.5		961x340x658
HP 2100 GREEN Inverter Pro	105 / 50	24.2	9.5	21.0	0.41-3.15	14.8-6.4	-10 ... +43	8-10			0.9	45.9		954x429x748
HP 2700 GREEN Inverter Pro	135 / 60	31.6	11.9	27.5	0.48-3.91	15-6.8	-10 ... +43	10-12			1.0	47.9		1084x429x948



# MICROWELL



MICROWELL HP range of swimming pool heat pumps is a full capacity range operating on the principle of renewable energy, designed for continuous and stable production of water heating or cooling in any pool environment. Their exceptional efficiency, low environment impact and low costs are the result of superior technology, putting them at the industry's forefront.

### INCREDIBLE EFFICIENCY OF HP RANGE

Efficiency of Microwell heat pumps is proven to be the best. Designed to reach the top results, they are able to extract heat or cold present in ambient environment and leverage it into the pool water. While heating, higher the ambient air temperature is, the more free energy can the heat pump extract operating with high efficiency. At favourable conditions users of Microwell heat pumps pay less than 15% of heat meaning 85% of the heat is free.

### EFFECTIVELY REDUCED ENERGY CONSUMPTION

The result of technologically advanced design and carefully set operational rhythm of all HP products is the lowest energy consumption on the market.

### LOW NOISE EMISSION

Unobtrusive operation of Microwell HP range is achieved by quality air fan and compressor.

### AUTOMATIC HEATING / COOLING

Designed to reach the top results, they are able to change the mode fluently from heating to cooling, or other way round. It depends on the setting of the required pool temperature.

### HIGHLY EFFICIENT ECOLOGICAL REFRIGERANT R32

Reducing Global Warming & Ozone Layer Depletion by HP production

Microwell supports the use of R32 refrigerant and develops products with the aim of optimising energy efficiency. Using R32 is our choice with proven environmental benefits.

### HP INVERTER TECHNOLOGY

Inverter technology enables powerful yet quiet performance of Microwell heat pumps, while minimising the energy consumption. New Microwell models come exclusively with R32 gas with VARIABLE SPEED DC compressor.

### MOBILE APP FOR HP

Control your machine by using Android or iOS based smartphones. This advanced technology provides you many benefits, it allows a user to reach their Microwell equipment anytime, from any place of the Earth. You only need to download the 'Smart HP' app from the Google Downloads or the Appstore.



Market's most efficient swimming pool heating solution.

MICROWELL, spol. s r.o.  
SNP 2018/42  
927 01 Šal'a, SLOVAKIA

p (+421) 31/770 7082  
m (+421) 911/413 990  
f (+421) 31/702 0542

e export@microwell.sk  
e microwell@microwell.sk  
www.microwell.eu

# MICROWELL

SWIMMING POOL HEAT PUMP



# HP 1100 / 1500 HP 2100 / 2700

# GREEN Inverter Pro

# HP GREEN Inverter Pro