



## K DP

filter housings  
for cartridges SX, BX and CX

K DP is a range of housings  
with brass head  
designed to withstand working pressure  
up to 10 bar

# HOUSINGS K DP

FOR CARTRIDGES SX, BX AND CX

**Housings K DP SX/BX fit to standard SX (DOE) cartridges and to exclusive BX cartridges with 45 mm double o-ring collar** (female IN/OUT connections at 3/4" and 1", BSP threads).

**Housings K DP CX fit to exclusive CX cartridges with 57 mm double o-ring collar** (female IN/OUT connections at 1"1/2 and 2", BSP threads).

A very wide range of Atlas Filtri BX and CX cartridges is available for K DP housings and provides a complete range of water filtration units.

**Housings K DP with discharge valve** are provided with a drain funnel to protect potable water from pollution by back-flow, in compliance with **UNI EN 1717-11/2002**.

K DP housings are manufactured with the finest and most advanced materials under constant focus on innovative processing technologies and ceaseless modernization to ensure the absolute quality of our products.



**SX** cartridges with standard flat seals.



**BX** cartridges with 45 mm double o-ring collar. Quick-fit connection for a perfect tightening.



**CX** cartridges with 57 mm double o-ring collar. Quick-fit connection for a perfect tightening and designed to suit to large water flow.

## CERTIFICATIONS



Housings are tested and certified under the most stringent procedures worldwide, in compliance with **DM 25 (Italy)**, with the sanitary certification **EAC/ Ghostreghistracia (Russia)** and **WaterMark (Australia)**.

## SYMBOLS LEGEND



For domestic use



For technical and industrial use



Filter housings made in PET, a highly recyclable plastic, are manufactured with a proprietary procedure saving up to 60% of energy in injection molding compared with standard plastics. That is one of Atlas Filtri commitments to comply with Kyoto Treaty for the reduction of green house gas (CO<sub>2</sub>) emissions in the atmosphere.

## ACCESSORIES ON DEMAND



-X- spanner CODE RB7403017



-K DP- wall bracket CODE RB7400021



3/4" brass nipples with o-ring (pair) CODE RB7404001

1" brass nipples with o-ring (pair) CODE RB7404002



-KIT AUTO- for S models CODE RE7120024  
automatic discharge kit (see pages 186-187)



-LUBRIKIT- single-dose lubricant for housing o-ring  
CODE RE9020650

## ACCESSORY INCLUDED

### DISCHARGE KIT FOR -S- MODEL



brass discharge ball-valve with gasket

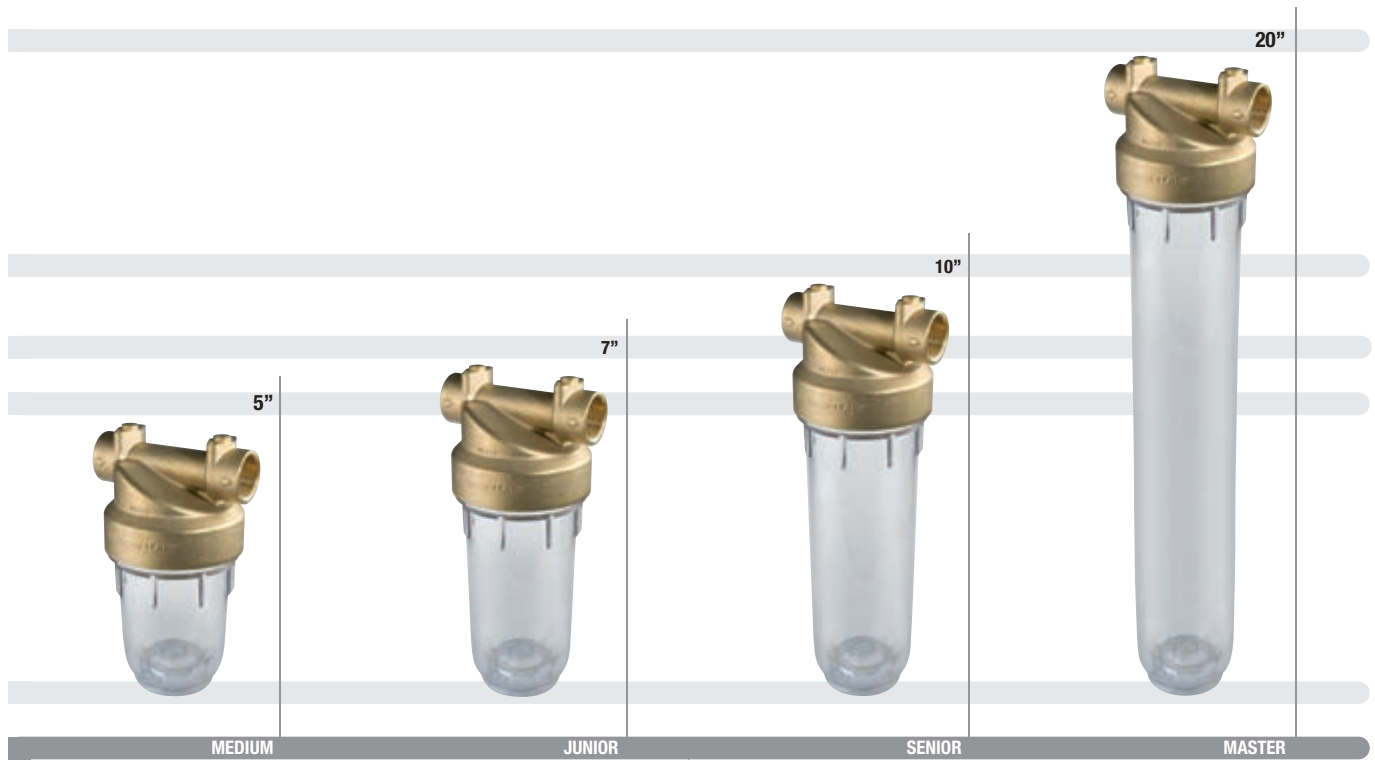
plastic hose-holder

plastic nipple with o-ring



drain funnel

In compliance with the European Standard UNI EN 1717/2002: designed to prevent back-flow contamination by making all elements downstream the discharge vent to atmosphere (protection unit symbol: DC)

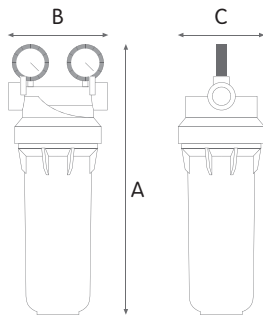
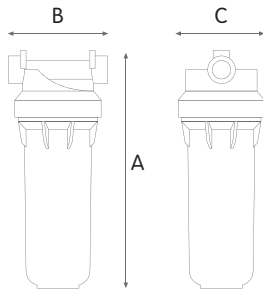


<div data-bbox="76 1108 210 1187" data-label="Text"><b>K1</b></div> <div data-bbox="76 1198 210 1227" data-label="Text"><b>IN/OUT MODEL</b></div> <div data-bbox="76 1299 210 1444" data-label="List-Group"> <ul style="list-style-type: none"> <li>K1 (3/4")</li> <li>K2 (1")</li> <li>K3 (1 1/2")</li> <li>K4 (2")</li> </ul> </div>	<div data-bbox="252 1108 486 1187" data-label="Text"><b>DP</b></div> <div data-bbox="252 1198 486 1227" data-label="Text"><b>VERSION</b></div> <div data-bbox="295 1299 446 1332" data-label="Text"><b>DP</b></div> <div data-bbox="295 1332 446 1489" data-label="Image"> </div> <div data-bbox="295 1489 446 1523" data-label="Text"><b>DP M</b></div> <div data-bbox="295 1523 446 1680" data-label="Image"> </div> <div data-bbox="295 1680 446 1713" data-label="Text"><b>DP S</b></div> <div data-bbox="295 1713 446 1870" data-label="Image"> </div> <div data-bbox="454 1680 614 1713" data-label="Text"><b>DP S M</b></div> <div data-bbox="454 1713 614 2094" data-label="Image"> </div>	<div data-bbox="526 1108 758 1187" data-label="Text"><b>SENIOR</b></div> <div data-bbox="526 1198 758 1227" data-label="Text"><b>HOUSINGS MODEL</b></div>	<div data-bbox="798 1108 885 1187" data-label="Text"><b>A</b></div> <div data-bbox="798 1198 885 1227" data-label="Text"><b>IN / OUT</b></div> <div data-bbox="798 1299 885 1444" data-label="List-Group"> <ul style="list-style-type: none"> <li>A 3/4"</li> <li>B 1"</li> <li>C 1 1/2"</li> <li>D 2"</li> </ul> </div>	<div data-bbox="949 1108 1061 1187" data-label="Text"><b>FO</b></div> <div data-bbox="949 1198 1061 1227" data-label="Text"><b>THREADS TYPE</b></div> <div data-bbox="949 1299 1061 1332" data-label="Text"><b>FO - BRASS BSP *</b></div> <div data-bbox="925 1332 1085 1489" data-label="Image"> </div>	<div data-bbox="1181 1108 1380 1187" data-label="Text"><b>SX/BX</b></div> <div data-bbox="1181 1198 1380 1227" data-label="Text"><b>CARTRIDGE TYPE</b></div> <div data-bbox="1181 1299 1380 1332" data-label="Text"><b>SX/BX (K1, K2)</b></div> <div data-bbox="1125 1332 1444 1489" data-label="Image"> </div> <div data-bbox="1181 1489 1380 1523" data-label="Text"><b>CX (K3, K4)</b></div> <div data-bbox="1204 1523 1364 1680" data-label="Image"> </div>
--	--	---	--	--	---

\* **BSP**  
parallel (cylindrical)  
ISO 228



# K DP



## WORKING CONDITIONS

Max working pressure \_\_\_\_\_ 10 bar (145 psi)  
 Max working temperature \_\_\_\_\_ 45°C (113°F)  
 Min working temperature \_\_\_\_\_ 4°C (39,2°F)

## SPECIFICATIONS

Non-toxic materials, suitable for drinking water.  
 Head and ring nut: CB 753 S brass.  
 Bowl: PET.  
 O-ring: EPDM.  
 Breather-valve: CW 614 N brass.  
 Manometers: radial type, pressure range 0-12 bar, 0-170 psi.

## K DP housings

### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA3170424	K1 DP MEDIUM AFO SX/BX	5"	3/4"	210	120	105
RA3170724	K2 DP MEDIUM BFO SX/BX	5"	1"	210	120	105
RA3180424	K1 DP JUNIOR AFO SX/BX	7"	3/4"	260	120	105
RA3180724	K2 DP JUNIOR BFO SX/BX	7"	1"	260	120	105
RA3210424	K1 DP SENIOR AFO SX/BX	10"	3/4"	335	120	105
RA3210724	K2 DP SENIOR BFO SX/BX	10"	1"	335	120	105
RA3211034	K3 DP SENIOR CFO CX	10"	1"1/2	345	130	105
RA3211134	K4 DP SENIOR DFO CX	10"	2"	350	130	105
RA3250424	K1 DP MASTER AFO SX/BX	20"	3/4"	590	120	105
RA3250724	K2 DP MASTER BFO SX/BX	20"	1"	590	120	105
RA3251034	K3 DP MASTER CFO CX	20"	1"1/2	600	130	105
RA3251134	K4 DP MASTER DFO CX	20"	2"	605	130	105

# K DP M

## K DP M housings with 2 manometers

### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA3170426	K1 DP MEDIUM M AFO SX/BX	5"	3/4"	260	120	105
RA3170726	K2 DP MEDIUM M BFO SX/BX	5"	1"	260	120	105
RA3180426	K1 DP JUNIOR M AFO SX/BX	7"	3/4"	310	120	105
RA3180726	K2 DP JUNIOR M BFO SX/BX	7"	1"	310	120	105
RA3210426	K1 DP SENIOR M AFO SX/BX	10"	3/4"	380	120	105
RA3210726	K2 DP SENIOR M BFO SX/BX	10"	1"	380	120	105
RA3213034	K3 DP SENIOR M CFO CX	10"	1"1/2	390	130	105
RA3213134	K4 DP SENIOR M DFO CX	10"	2"	400	130	105
RA3250426	K1 DP MASTER M AFO SX/BX	20"	3/4"	635	120	105
RA3250726	K2 DP MASTER M BFO SX/BX	20"	1"	635	120	105
RA3253034	K3 DP MASTER M CFO CX	20"	1"1/2	645	130	105
RA3253134	K4 DP MASTER M DFO CX	20"	2"	650	130	105





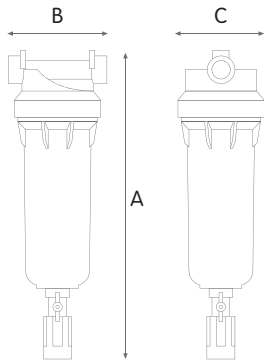
# K DP S only for BX cartridges

## WORKING CONDITIONS

Max working pressure \_\_\_\_\_ 10 bar (145 psi)  
 Max working temperature \_\_\_\_\_ 45°C (113°F)  
 Min working temperature \_\_\_\_\_ 4°C (39,2°F)

## SPECIFICATIONS

Non-toxic materials, suitable for drinking water.  
 Head and ring nut: CB 753 S brass.  
 Bowl: PET.  
 O-ring: EPDM.  
 Breather-valve: CW 614 N brass.  
 Discharge ball-valve: CW 617 N brass nickel plated.  
 Discharge plastic nipple: reinforced polypropylene.  
 Drain funnel: reinforced polypropylene.  
 Manometers: radial type, pressure range 0-12 bar, 0-170 psi.



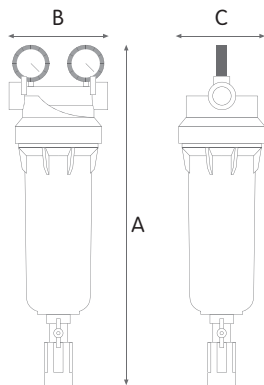
**DRAIN FUNNEL**  
 Back-flow preventing device  
 UNI EN 1717-11/2002

SPECIAL FILTER HOUSINGS

## K DP S housings with discharge valve

### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA3210425	K1 DP SENIOR S AFO SX/BX	10"	3/4"	485	120	105
RA3210725	K2 DP SENIOR S BFO SX/BX	10"	1"	485	120	105
RA3211035	K3 DP SENIOR S CFO CX	10"	1 1/2"	495	130	105
RA3211135	K4 DP SENIOR S DFO CX	10"	2"	505	130	105
RA3250425	K1 DP MASTER S AFO SX/BX	20"	3/4"	740	120	105
RA3250725	K2 DP MASTER S BFO SX/BX	20"	1"	740	120	105
RA3251035	K3 DP MASTER S CFO CX	20"	1 1/2"	750	130	105
RA3251135	K4 DP MASTER S DFO CX	20"	2"	755	130	105



# K DP S M only for BX cartridges

## K DP S M housings with discharge valve and 2 manometers

### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA3210427	K1 DP SENIOR S M AFO SX/BX	10"	3/4"	530	120	105
RA3210727	K2 DP SENIOR S M BFO SX/BX	10"	1"	530	120	105
RA3213035	K3 DP SENIOR S M CFO CX	10"	1 1/2"	540	130	105
RA3213135	K4 DP SENIOR S M DFO CX	10"	2"	550	130	105
RA3250427	K1 DP MASTER S M AFO SX/BX	20"	3/4"	785	120	105
RA3250727	K2 DP MASTER S M BFO SX/BX	20"	1"	785	120	105
RA3253035	K3 DP MASTER S M CFO CX	20"	1 1/2"	795	130	105
RA3253135	K4 DP MASTER S M DFO CX	20"	2"	800	130	105

