



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 (CO₂) 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)

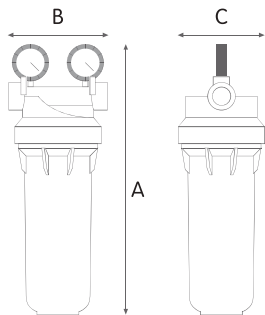
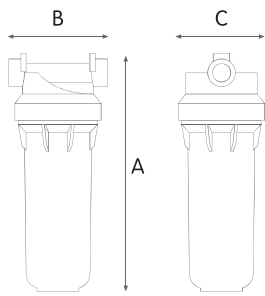


<div data-bbox="76 1106 210 1187" data-label="Text">K1</div> <div data-bbox="76 1200 210 1227" data-label="Text">IN/OUT MODEL</div> <div data-bbox="76 1299 210 1442" data-label="List-Group"> <ul style="list-style-type: none"> K1 (3/4") K2 (1") K3 (1 1/2") K4 (2") </div>	<div data-bbox="252 1106 485 1187" data-label="Text">DP</div> <div data-bbox="252 1200 485 1227" data-label="Text">VERSION</div> <div data-bbox="293 1299 443 1326" data-label="Text">DP</div> <div data-bbox="293 1335 443 1478" data-label="Image"> </div> <div data-bbox="293 1491 443 1518" data-label="Text">DP M</div> <div data-bbox="293 1527 443 1671" data-label="Image"> </div> <div data-bbox="293 1684 443 1711" data-label="Text">DP S</div> <div data-bbox="293 1720 443 1863" data-label="Image"> </div> <div data-bbox="459 1684 609 1711" data-label="Text">DP S M</div> <div data-bbox="459 1720 609 2096" data-label="Image"> </div>	<div data-bbox="529 1106 762 1187" data-label="Text">SENIOR</div> <div data-bbox="529 1200 762 1227" data-label="Text">HOUSINGS MODEL</div>	<div data-bbox="804 1106 877 1187" data-label="Text">A</div> <div data-bbox="804 1200 877 1227" data-label="Text">IN / OUT</div> <div data-bbox="804 1299 877 1442" data-label="List-Group"> <ul style="list-style-type: none"> A 3/4" B 1" C 1 1/2" D 2" </div>	<div data-bbox="957 1106 1059 1187" data-label="Text">FO</div> <div data-bbox="932 1200 1082 1227" data-label="Text">THREADS TYPE</div> <div data-bbox="932 1299 1082 1326" data-label="Text">FO - BRASS BSP *</div> <div data-bbox="932 1335 1082 1478" data-label="Image"> </div>	<div data-bbox="1181 1106 1378 1187" data-label="Text">SX/BX</div> <div data-bbox="1181 1200 1378 1227" data-label="Text">CARTRIDGE TYPE</div> <div data-bbox="1123 1299 1442 1326" data-label="Text">SX/BX (K1, K2)</div> <div data-bbox="1123 1335 1442 1478" data-label="Image"> </div> <div data-bbox="1123 1491 1442 1518" data-label="Text">CX (K3, K4)</div> <div data-bbox="1203 1527 1362 1671" 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