



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.

SYMBOLS LEGEND



For domestic use



For technical and industrial use

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)**.



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

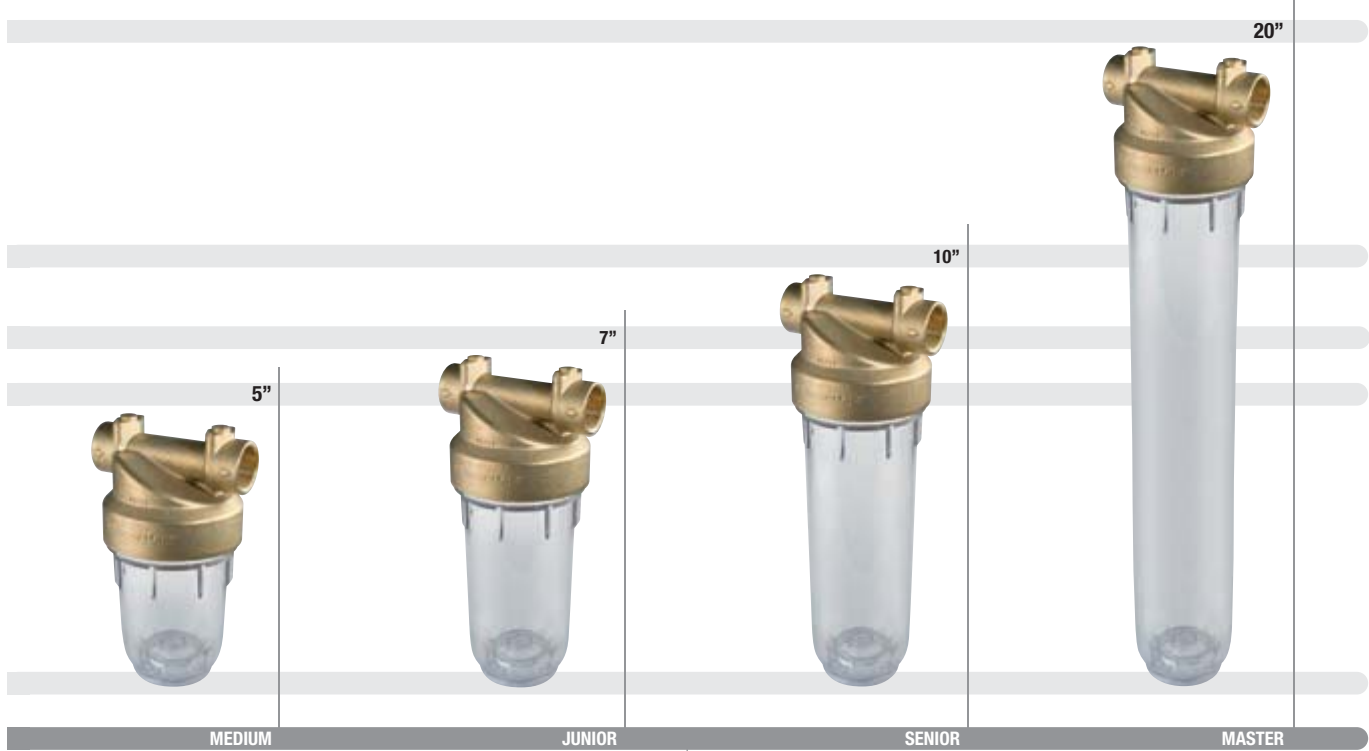


drain funnel

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)

HOUSINGS RANGE

SPECIAL FILTER HOUSINGS



K1

IN/OUT MODEL

- K1 (3/4")
- K2 (1")
- K3 (1 1/2")
- K4 (2")

DP

VERSION

DP



DP M



DP S

SENIOR

HOUSINGS MODEL

DP S M



A

IN / OUT

- A 3/4"
- B 1"
- C 1 1/2"
- D 2"

FO

THREADS TYPE

FO - BRASS BSP *



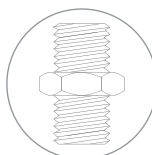
SX/BX

CARTRIDGE TYPE

SX/BX (K1, K2)



CX (K3, K4)



* BSP parallel (cylindrical) ISO 228



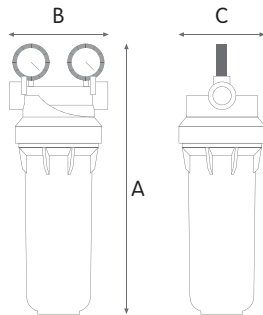
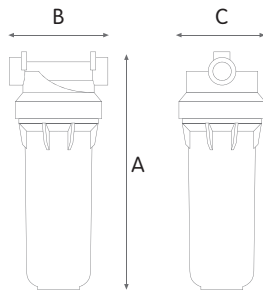
K DP

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



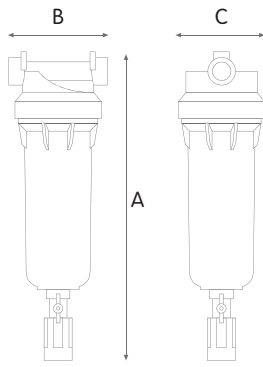
K DP S only for BX cartridges

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.



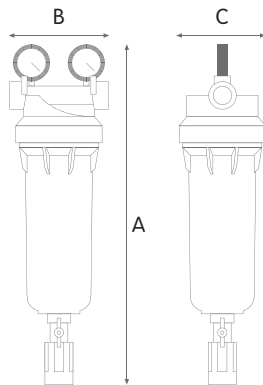
DRAIN FUNNEL
 Back-flow preventing device
 UNI EN 1717-11/2002

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

