



## DP

filter housings  
for cartridges SX and BX

DP is a full range of housings for cartridge height at 5", 7", 10" and 20", especially designed to fit to both standard SX (DOE) cartridges and to BX cartridges with 45 mm double o-ring collar

# HOUSINGS DP

FOR CARTRIDGES SX and BX

**Housings DP fit to both standard SX (DOE) cartridges and to exclusive BX cartridges.** The full range of Atlas Filtri® SX and BX cartridges is suitable to DP housing and provide the widest range of water filtration and treatment units.

**Exclusive Mono, Duo and Trio patented and registered models** 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. DP housings are suitable for every Point-of-Use (POU) and Point-of-Entry (POE) application, as single- or multi-stage on-line filters, under-sink filters, Reverse Osmosis pre-filtration units.

**Housings DP S 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**.



**SX** cartridges with standard flat seals.



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

## CERTIFICATIONS



A range of housings is certified by IAPMO RT to NSF/ANSI 42, 61, 372 - lead free, CSA B483.1. In compliance with Drinking Water Treatment Units regulations, USA and Canada.



Housings are tested and certified under the most stringent procedures worldwide, in compliance with DM 25 (Italy), with the sanitary certification ACS (France), 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.

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## ACCESSORIES INCLUDED

### DISCHARGE KIT FOR -S- MODELS



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)



Filterfit - cartridge centering device

## ACCESSORIES ON DEMAND

\* white colour provided with housings BW (white)



DP-base\* (only for DP 10 models)  
CODE LB7402014



-X- spanner\*  
CODE RB7403017



-S- wall bracket\* CODE RB7400007



-DUO- wall bracket\* CODE RB7400017



-TRIO- wall bracket\* CODE RB7400019



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

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



3/4" plastic nipple with o-ring CODE LB7404012



3/4"-1/4" plastic reduction with o-ring CODE LB9020611





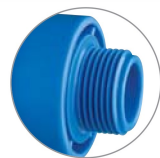
-KIT AUTO- for S models CODE RE7120024  
automatic discharge kit (see pages 186-187)



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



DP FILTER HOUSINGS

<b>DP</b>	<b>10</b>	<b>MONO</b>	<b>3/4"</b>	<b>OT</b>	<b>TS</b>
<b>HOUSINGS MODEL</b>	<b>HOUSINGS HEIGHT</b>	<b>VERSION</b>	<b>IN / OUT</b>	<b>THREADS TYPE</b>	<b>BOWL TYPE</b>
DP	DP M	MONO	1/4"	OT - BRASS BSP*	TS - CLEAR (PET)
			3/8"		
DP S			1/2"	<b>IN - PLASTIC BSP*</b>	<b>AB - BLUE (PET)</b>
			3/4"		
DP S M			1"	<b>MP - PLASTIC BSP *</b>	<b>BW - WHITE (PET)</b>
	<b>DUO</b>	<b>TRIO</b>	1" 1/4	<b>NPT IN - PLASTIC NPT**</b>	
			1" 1/2		
					
					
					
				* <b>BSP</b> parallel (cylindrical) ISO 228	** <b>NPT</b> tapered (conical) ANSI/ASME B1.20.1



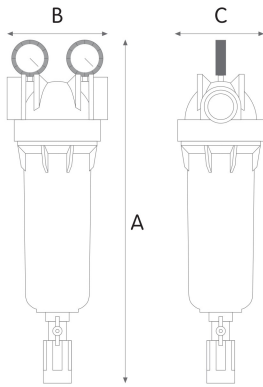
# DP S M MONO only for BX cartridges

## WORKING CONDITIONS

Max working pressure:  
 BSP versions \_\_\_\_\_ 8 bar (116 psi)  
 NPT versions \_\_\_\_\_ 8,6 bar (125 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: reinforced polypropylene.  
 Bowl: PET.  
 O-ring: EPDM.  
 IN/OUT brass threads: CW 617 N brass.  
 Manometers: radial type, pressure range 0-12 bar, 0-170 psi.  
 Discharge ball-valve: CW 617 N brass nickel plated.  
 Discharge plastic nipple: reinforced polypropylene.  
 Drain funnel: reinforced polypropylene.



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

## DP S M MONO clear housings with discharge valve and 2 manometers

### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA1380334	DP S M 10 MONO 1/2" OT TS	10"	1/2"	522	122	107
RA1380434	DP S M 10 MONO 3/4" OT TS	10"	3/4"	522	122	107
RA1380734	DP S M 10 MONO 1" OT TS	10"	1"	522	122	107
RA1380834	DP S M 10 MONO 1"1/4 OT TS	10"	1"1/4	540	124	107
RA1380934	DP S M 10 MONO 1"1/2 OT TS	10"	1"1/2	540	124	107
RA1381334	DP S M 20 MONO 1/2" OT TS	20"	1/2"	776	122	107
RA1381434	DP S M 20 MONO 3/4" OT TS	20"	3/4"	776	122	107
RA1381734	DP S M 20 MONO 1" OT TS	20"	1"	776	122	107
RA1381834	DP S M 20 MONO 1"1/4 OT TS	20"	1"1/4	787	124	107
RA1381934	DP S M 20 MONO 1"1/2 OT TS	20"	1"1/2	787	124	107



### HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA1380354	DP S M 10 MONO 1/2" IN TS	10"	1/2"	522	122	107
RA1380454	DP S M 10 MONO 3/4" IN TS	10"	3/4"	522	122	107
RA1380754	DP S M 10 MONO 1" IN TS	10"	1"	522	122	107
RA1381354	DP S M 20 MONO 1/2" IN TS	20"	1/2"	776	122	107
RA1381454	DP S M 20 MONO 3/4" IN TS	20"	3/4"	776	122	107
RA1381754	DP S M 20 MONO 1" IN TS	20"	1"	776	122	107



### HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA1380444	DP S M 10 MONO 3/4" NPT IN TS	10"	3/4"	522	122	107
RA1380744	DP S M 10 MONO 1" NPT IN TS	10"	1"	522	122	107
RA1381444	DP S M 20 MONO 3/4" NPT IN TS	20"	3/4"	776	122	107
RA1381744	DP S M 20 MONO 1" NPT IN TS	20"	1"	776	122	107