

# 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.

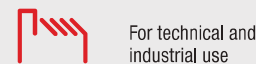


Housings are tested and certified under the most stringent procedures worldwide, in compliance with DM 25 (Italy), with the sanitary certification ACS (France), EAC/Ghostreghistrizia (Russia) and WaterMark (Australia).

## 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 INCLUDED

### DISCHARGE KIT FOR -S- MODELS



brass discharge ball-valve with gasket

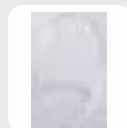
plastic hose-holder

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 automatic discharge kit (see pages 186-187)  
CODE RE7120024



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

HOUSINGS RANGE



DP FILTER HOUSINGS

DP	10	MONO	3/4"	OT	TS
HOUSINGS MODEL	HOUSINGS HEIGHT	VERSION	IN / OUT	THREADS TYPE	BOWL TYPE
<ul style="list-style-type: none"> <li>DP</li> <li>DP M</li> <li>DP S</li> <li>DP S M</li> </ul>	<ul style="list-style-type: none"> <li>DUO</li> <li>TRIO</li> </ul>	<ul style="list-style-type: none"> <li>MONO</li> </ul>	<ul style="list-style-type: none"> <li>1/4"</li> <li>3/8"</li> <li>1/2"</li> <li>3/4"</li> <li>1"</li> <li>1 1/4"</li> <li>1 1/2"</li> </ul>	<ul style="list-style-type: none"> <li>OT - BRASS BSP*</li> <li>IN - PLASTIC BSP*</li> <li>MP - PLASTIC BSP *</li> <li>NPT IN - PLASTIC NPT**</li> </ul>	<ul style="list-style-type: none"> <li>TS - CLEAR (PET)</li> <li>AB - BLUE (PET)</li> <li>BW - WHITE (PET)</li> </ul>



\* BSP  
parallel (cylindrical)  
ISO 228



\*\* NPT  
tapered (conical)  
ANSI/ASME B1.20.1



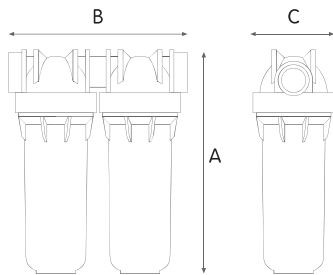
# DP DUO

## 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.  
 Bowls: PET.  
 O-rings: EPDM.  
 Breather-valve: body stainless steel, o-ring EPDM.  
 IN/OUT brass threads: CW 617 N brass.



## DP DUO clear housings

### HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA1360301	DP 5 DUO 1/2" OT TS	5"	1/2"	185	228	107
RA1360401	DP 5 DUO 3/4" OT TS	5"	3/4"	185	228	107
RA1360701	DP 5 DUO 1" OT TS	5"	1"	185	228	107
RA1361301	DP 7 DUO 1/2" OT TS	7"	1/2"	233	228	107
RA1361401	DP 7 DUO 3/4" OT TS	7"	3/4"	233	228	107
RA1361701	DP 7 DUO 1" OT TS	7"	1"	233	228	107
RA1390301	DP 10 DUO 1/2" OT TS	10"	1/2"	325	228	107
RA1390401	DP 10 DUO 3/4" OT TS	10"	3/4"	325	228	107
RA1390701	DP 10 DUO 1" OT TS	10"	1"	325	228	107
RA1391301	DP 20 DUO 1/2" OT TS	20"	1/2"	577	228	107
RA1391401	DP 20 DUO 3/4" OT TS	20"	3/4"	577	228	107
RA1391701	DP 20 DUO 1" OT TS	20"	1"	577	228	107

### HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA1360101	DP 5 DUO 1/4" IN TS	5"	1/4"	185	228	107
RA1360311	DP 5 DUO 1/2" IN TS	5"	1/2"	185	228	107
RA1360411	DP 5 DUO 3/4" IN TS	5"	3/4"	185	228	107
RA1360711	DP 5 DUO 1" IN TS	5"	1"	185	228	107
RA1361101	DP 7 DUO 1/4" IN TS	7"	1/4"	233	228	107
RA1361311	DP 7 DUO 1/2" IN TS	7"	1/2"	233	228	107
RA1361411	DP 7 DUO 3/4" IN TS	7"	3/4"	233	228	107
RA1361711	DP 7 DUO 1" IN TS	7"	1"	233	228	107
RA1390101	DP 10 DUO 1/4" IN TS	10"	1/4"	325	228	107
RA1390311	DP 10 DUO 1/2" IN TS	10"	1/2"	325	228	107
RA1390411	DP 10 DUO 3/4" IN TS	10"	3/4"	325	228	107
RA1390711	DP 10 DUO 1" IN TS	10"	1"	325	228	107
RA1391311	DP 20 DUO 1/2" IN TS	20"	1/2"	577	228	107
RA1391411	DP 20 DUO 3/4" IN TS	20"	3/4"	577	228	107
RA1391711	DP 20 DUO 1" IN TS	20"	1"	577	228	107

### HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA1360121	DP 5 DUO 1/4" NPT IN TS	5"	1/4"	185	228	107
RA1360421	DP 5 DUO 3/4" NPT IN TS	5"	3/4"	185	228	107
RA1360721	DP 5 DUO 1" NPT IN TS	5"	1"	185	228	107
RA1361121	DP 7 DUO 1/4" NPT IN TS	7"	1/4"	233	228	107
RA1361421	DP 7 DUO 3/4" NPT IN TS	7"	3/4"	233	228	107
RA1361721	DP 7 DUO 1" NPT IN TS	7"	1"	233	228	107
RA1390121	DP 10 DUO 1/4" NPT IN TS	10"	1/4"	325	228	107
RA1390421	DP 10 DUO 3/4" NPT IN TS	10"	3/4"	325	228	107
RA1390721	DP 10 DUO 1" NPT IN TS	10"	1"	325	228	107
RA1391421	DP 20 DUO 3/4" NPT IN TS	20"	3/4"	577	228	107
RA1391721	DP 20 DUO 1" NPT IN TS	20"	1"	577	228	107

### VARIANTS AVAILABLE ON MINIMUM QUANTITY:

- RT housings suitable for filter cartridges with length 508 mm

Some items in the list are subject to minimum order quantities and/or to longer delivery term.

DP FILTER HOUSINGS