



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/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 (CO₂) emissions in the atmosphere.

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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

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)



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



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

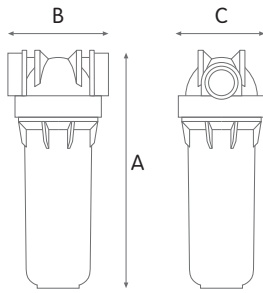


DP FILTER HOUSINGS

DP	10	MONO	3/4"	OT	TS
HOUSINGS MODEL	HOUSINGS HEIGHT	VERSION	IN / OUT	THREADS TYPE	BOWL TYPE
<ul style="list-style-type: none"> DP DP M DP S DP S M 	<ul style="list-style-type: none"> DUO TRIO 	<ul style="list-style-type: none"> MONO 	<ul style="list-style-type: none"> 1/4" 3/8" 1/2" 3/4" 1" 1 1/4" 1 1/2" 	<ul style="list-style-type: none"> OT - BRASS BSP* IN - PLASTIC BSP* MP - PLASTIC BSP * NPT IN - PLASTIC NPT** 	<ul style="list-style-type: none"> TS - CLEAR (PET) AB - BLUE (PET) BW - WHITE (PET)
		<p>* BSP parallel (cylindrical) ISO 228</p> <p>** NPT tapered (conical) ANSI/ASME B1.20.1</p>			



DP MONO



WORKING CONDITIONS

Max working pressure: _____ 8 bar (116 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.
 Breather-valve: body stainless steel, o-ring EPDM.
 IN/OUT brass threads: CW 617 N brass.

DP MONO clear housings

HOUSINGS WITH BRASS BSP THREADS

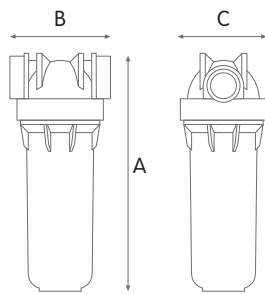
CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA1350301	DP 5 MONO 1/2" OT TS	5"	1/2"	185	122	107
RA1350401	DP 5 MONO 3/4" OT TS	5"	3/4"	185	122	107
RA1350701	DP 5 MONO 1" OT TS	5"	1"	185	122	107
RA1350801	DP 5 MONO 1"1/4 OT TS	5"	1"1/4	220	124	107
RA1350901	DP 5 MONO 1"1/2 OT TS	5"	1"1/2	220	124	107
RA1351301	DP 7 MONO 1/2" OT TS	7"	1/2"	233	122	107
RA1351401	DP 7 MONO 3/4" OT TS	7"	3/4"	233	122	107
RA1351701	DP 7 MONO 1" OT TS	7"	1"	233	122	107
RA1351801	DP 7 MONO 1"1/4 OT TS	7"	1"1/4	266	124	107
RA1351901	DP 7 MONO 1"1/2 OT TS	7"	1"1/2	266	124	107
RA1380301	DP 10 MONO 1/2" OT TS	10"	1/2"	325	122	107
RA1380401	DP 10 MONO 3/4" OT TS	10"	3/4"	325	122	107
RA1380701	DP 10 MONO 1" OT TS	10"	1"	325	122	107
RA1380801	DP 10 MONO 1"1/4 OT TS	10"	1"1/4	343	124	107
RA1380901	DP 10 MONO 1"1/2 OT TS	10"	1"1/2	343	124	107
RA1381301	DP 20 MONO 1/2" OT TS	20"	1/2"	577	122	107
RA1381401	DP 20 MONO 3/4" OT TS	20"	3/4"	577	122	107
RA1381701	DP 20 MONO 1" OT TS	20"	1"	577	122	107
RA1381801	DP 20 MONO 1"1/4 OT TS	20"	1"1/4	595	124	107
RA1381901	DP 20 MONO 1"1/2 OT TS	20"	1"1/2	595	124	107

HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA1350101	DP 5 MONO 1/4" IN TS	5"	1/4"	185	122	107
RA1350201	DP 5 MONO 3/8" IN TS	5"	3/8"	185	122	107
RA1350311	DP 5 MONO 1/2" IN TS	5"	1/2"	185	122	107
RA1350411	DP 5 MONO 3/4" IN TS	5"	3/4"	185	122	107
RA1350711	DP 5 MONO 1" IN TS	5"	1"	185	122	107
RA1351101	DP 7 MONO 1/4" IN TS	7"	1/4"	233	122	107
RA1351201	DP 7 MONO 3/8" IN TS	7"	3/8"	233	122	107
RA1351311	DP 7 MONO 1/2" IN TS	7"	1/2"	233	122	107
RA1351411	DP 7 MONO 3/4" IN TS	7"	3/4"	233	122	107
RA1351711	DP 7 MONO 1" IN TS	7"	1"	233	122	107
RA1380101	DP 10 MONO 1/4" IN TS	10"	1/4"	325	122	107
RA1380201	DP 10 MONO 3/8" IN TS	10"	3/8"	325	122	107
RA1380311	DP 10 MONO 1/2" IN TS	10"	1/2"	325	122	107
RA1380411	DP 10 MONO 3/4" IN TS	10"	3/4"	325	122	107
RA1380711	DP 10 MONO 1" IN TS	10"	1"	325	122	107
RA1381311	DP 20 MONO 1/2" IN TS	20"	1/2"	577	122	107
RA1381411	DP 20 MONO 3/4" IN TS	20"	3/4"	577	122	107
RA1381711	DP 20 MONO 1" IN TS	20"	1"	577	122	107

VARIANTS AVAILABLE ON MINIMUM QUANTITY:

- RT housings suitable for filter cartridges with length 508 mm



WORKING CONDITIONS

Max working pressure: _____ 8 bar (116 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.
 Breather-valve: body stainless steel, o-ring EPDM.
 IN/OUT brass threads: CW 617 N brass.

DP MONO blue housings

HOUSINGS WITH BRASS BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA1350302	DP 5 MONO 1/2" OT AB	5"	1/2"	185	122	107
RA1350402	DP 5 MONO 3/4" OT AB	5"	3/4"	185	122	107
RA1350702	DP 5 MONO 1" OT AB	5"	1"	185	122	107
RA1350802	DP 5 MONO 1"1/4 OT AB	5"	1"1/4	220	124	107
RA1350902	DP 5 MONO 1"1/2 OT AB	5"	1"1/2	220	124	107
RA1351302	DP 7 MONO 1/2" OT AB	7"	1/2"	233	122	107
RA1351402	DP 7 MONO 3/4" OT AB	7"	3/4"	233	122	107
RA1351702	DP 7 MONO 1" OT AB	7"	1"	233	122	107
RA1351802	DP 7 MONO 1"1/4 OT AB	7"	1"1/4	266	124	107
RA1351902	DP 7 MONO 1"1/2 OT AB	7"	1"1/2	266	124	107
RA1380302	DP 10 MONO 1/2" OT AB	10"	1/2"	325	122	107
RA1380402	DP 10 MONO 3/4" OT AB	10"	3/4"	325	122	107
RA1380702	DP 10 MONO 1" OT AB	10"	1"	325	122	107
RA1380802	DP 10 MONO 1"1/4 OT AB	10"	1"1/4	343	124	107
RA1380902	DP 10 MONO 1"1/2 OT AB	10"	1"1/2	343	124	107
RA1381302	DP 20 MONO 1/2" OT AB	20"	1/2"	577	122	107
RA1381402	DP 20 MONO 3/4" OT AB	20"	3/4"	577	122	107
RA1381702	DP 20 MONO 1" OT AB	20"	1"	577	122	107
RA1381802	DP 20 MONO 1"1/4 OT AB	20"	1"1/4	595	124	107
RA1381902	DP 20 MONO 1"1/2 OT AB	20"	1"1/2	595	124	107

HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA1350102	DP 5 MONO 1/4" IN AB	5"	1/4"	185	122	107
RA1350202	DP 5 MONO 3/8" IN AB	5"	3/8"	185	122	107
RA1350312	DP 5 MONO 1/2" IN AB	5"	1/2"	185	122	107
RA1350412	DP 5 MONO 3/4" IN AB	5"	3/4"	185	122	107
RA1350712	DP 5 MONO 1" IN AB	5"	1"	185	122	107
RA1351102	DP 7 MONO 1/4" IN AB	7"	1/4"	233	122	107
RA1351212	DP 7 MONO 3/8" IN AB	7"	3/8"	233	122	107
RA1351312	DP 7 MONO 1/2" IN AB	7"	1/2"	233	122	107
RA1351412	DP 7 MONO 3/4" IN AB	7"	3/4"	233	122	107
RA1351712	DP 7 MONO 1" IN AB	7"	1"	233	122	107
RA1380102	DP 10 MONO 1/4" IN AB	10"	1/4"	325	122	107
RA1380202	DP 10 MONO 3/8" IN AB	10"	3/8"	325	122	107
RA1380312	DP 10 MONO 1/2" IN AB	10"	1/2"	325	122	107
RA1380412	DP 10 MONO 3/4" IN AB	10"	3/4"	325	122	107
RA1380712	DP 10 MONO 1" IN AB	10"	1"	325	122	107
RA1381312	DP 20 MONO 1/2" IN AB	20"	1/2"	577	122	107
RA1381412	DP 20 MONO 3/4" IN AB	20"	3/4"	577	122	107
RA1381712	DP 20 MONO 1" IN AB	20"	1"	577	122	107

VARIANTS AVAILABLE ON MINIMUM QUANTITY:

- RT housings suitable for filter cartridges with length 508 mm