



new

FILTER HOUSINGS

DP BIG

Brand new range of housings designed to fit to "BIG" filter cartridges with outer diameter (OD) from 4" to 4.50", inner diameter (ID) 1.10", height at 10" and 20" with standard SX (DOE) configuration.

With female IN/OUT connections at 1" and 1 1/2", with BSP or NPT plastic threads DP BIG housings are suitable for every domestic Point-of-Entry (POE) or every industrial application when heavy-duty performance is a must.

Besides the standard models, DP BIG are also available with features new to the market:

- **M** models with 2 manometers
- **S** models with discharge valve and self-cleaning performance. S models can be used with KIT AUTO for automatic flushing and self-cleaning.
- **SM** models with discharge-valve and 2 manometers.

DP BIG 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.

DP BIG housings are certified under the most stringent certification procedures and standards: DM 25 (Italy), EAC (Russia).

All models are available with clear and opaque blue bowls. Custom combinations of colors are available upon minimum quantity.

A full set of accessories is available on demand to complete the housings kit: metal wall bracket, opening spanner and brass nipples with o-ring.

HOUSINGS DP BIG

FOR CARTRIDGES SX

Housings DP BIG fit to 4.25" and 4.50" SX (DOE) cartridges.

A range of Atlas Filtri BIG filter cartridges standard (see pag 187 FA BIG, pag 226 CB-EC BIG) and with anti-microbial protection (see pag 211 FA BIG SANIC) is suitable to DP BIG housing and provides a wide range of heavy-duty water filtration solutions.

Housings DP S BIG 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.

ACCESSORIES ON DEMAND



-DP BIG- spanner CODE RB7403018



-DP BIG- wall bracket CODE RB7401032



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



-KIT AUTO- for S models CODE RE7120024
automatic discharge kit (see pages 160-161)

ACCESSORIES INCLUDED

DISCHARGE KIT FOR -S- MODEL



brass discharge ball-valve with gasket



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)



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

CERTIFICATIONS



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

SYMBOLS LEGEND



For domestic use



For technical and industrial use



DP BIG

HOUSINGS MODEL

DP BIG

DP BIG M



DP BIG S

DP BIG S M



10

HOUSINGS HEIGHT

1"

IN / OUT

1"

1"1/2

IN

THREADS TYPE

IN - PLASTIC BSP*



IN - NPT - PLASTIC NPT**



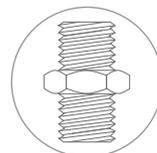
TS

BOWL TYPE

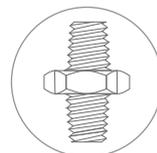
TS - CLEAR (PET)



AB - BLUE (PP)



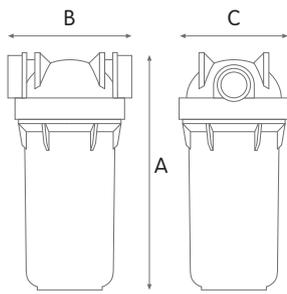
* **BSP**
parallel (cylindrical)
ISO 228



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



DP BIG



WORKING CONDITIONS

Max working pressure _____ 8,3 bar (120 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.
 Clear bowl: PET.
 Blue bowl: reinforced polypropylene.
 O-ring: EPDM.
 Breather-valve: body polypropylene, o-ring EPDM.

DP BIG clear housings

HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	THREADS	DIMENSIONS mm		
					A	B	C
RA1700711	DP BIG 10 - 1" IN TS	10"	1"	PLASTIC-BSP	360	190	185
RA1700911	DP BIG 10 - 1"1/2 IN TS	10"	1"1/2	PLASTIC-BSP	360	190	185
RA1800711	DP BIG 20 - 1" IN TS	20"	1"	PLASTIC-BSP	617	190	185
RA1800911	DP BIG 20 - 1"1/2 IN TS	20"	1"1/2	PLASTIC-BSP	617	190	185

HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	THREADS	DIMENSIONS mm		
					A	B	C
RA1700721	DP BIG 10 - 1" NPT IN TS	10"	1"	PLASTIC-NPT	360	190	185
RA1700921	DP BIG 10 - 1"1/2 NPT IN TS	10"	1"1/2	PLASTIC-NPT	360	190	185
RA1800721	DP BIG 20 - 1" NPT IN TS	20"	1"	PLASTIC-NPT	617	190	185
RA1800921	DP BIG 20 - 1"1/2 NPT IN TS	20"	1"1/2	PLASTIC-NPT	617	190	185



DP BIG blue housings

HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	THREADS	DIMENSIONS mm		
					A	B	C
RA1700712	DP BIG 10 - 1" IN AB	10"	1"	PLASTIC-BSP	360	190	185
RA1700912	DP BIG 10 - 1"1/2 IN AB	10"	1"1/2	PLASTIC-BSP	360	190	185
RA1800712	DP BIG 20 - 1" IN AB	20"	1"	PLASTIC-BSP	617	190	185
RA1800912	DP BIG 20 - 1"1/2 IN AB	20"	1"1/2	PLASTIC-BSP	617	190	185

HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	THREADS	DIMENSIONS mm		
					A	B	C
RA1700722	DP BIG 10 - 1" NPT IN AB	10"	1"	PLASTIC-NPT	360	190	185
RA1700922	DP BIG 10 - 1"1/2 NPT IN AB	10"	1"1/2	PLASTIC-NPT	360	190	185
RA1800722	DP BIG 20 - 1" NPT IN AB	20"	1"	PLASTIC-NPT	617	190	185
RA1800922	DP BIG 20 - 1"1/2 NPT IN AB	20"	1"1/2	PLASTIC-NPT	617	190	185





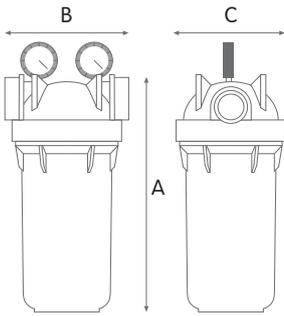
DP BIG M

WORKING CONDITIONS

Max working pressure _____ 8,3 bar (120 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.
 Clear bowl: PET.
 Blue bowl: reinforced polypropylene.
 O-ring: EPDM.
 Breather-valve: body polypropylene, o-ring EPDM.
 Manometers: radial type, pressure range 0-12 bar, 0-170 psi.



DP BIG M clear housings with 2 manometers

HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	THREADS	DIMENSIONS mm		
					A	B	C
RA1700731	DP BIG M 10 - 1" IN TS	10"	1"	PLASTIC-BSP	410	190	185
RA1700931	DP BIG M 10 - 1"1/2 IN TS	10"	1"1/2	PLASTIC-BSP	410	190	185
RA1800731	DP BIG M 20 - 1" IN TS	20"	1"	PLASTIC-BSP	667	190	185
RA1800931	DP BIG M 20 - 1"1/2 IN TS	20"	1"1/2	PLASTIC-BSP	667	190	185

HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	THREADS	DIMENSIONS mm		
					A	B	C
RA1700741	DP BIG M 10 - 1" NPT IN TS	10"	1"	PLASTIC-NPT	410	190	185
RA1700941	DP BIG M 10 - 1"1/2 NPT IN TS	10"	1"1/2	PLASTIC-NPT	410	190	185
RA1800741	DP BIG M 20 - 1" NPT IN TS	20"	1"	PLASTIC-NPT	667	190	185
RA1800941	DP BIG M 20 - 1"1/2 NPT IN TS	20"	1"1/2	PLASTIC-NPT	667	190	185



DP BIG M blue housings with 2 manometers

HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	THREADS	DIMENSIONS mm		
					A	B	C
RA1700732	DP BIG M 10 - 1" IN AB	10"	1"	PLASTIC-BSP	410	190	185
RA1700932	DP BIG M 10 - 1"1/2 IN AB	10"	1"1/2	PLASTIC-BSP	410	190	185
RA1800732	DP BIG M 20 - 1" IN AB	20"	1"	PLASTIC-BSP	667	190	185
RA1800932	DP BIG M 20 - 1"1/2 IN AB	20"	1"1/2	PLASTIC-BSP	667	190	185

HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	THREADS	DIMENSIONS mm		
					A	B	C
RA1700742	DP BIG M 10 - 1" NPT IN AB	10"	1"	PLASTIC-NPT	410	190	185
RA1700942	DP BIG M 10 - 1"1/2 NPT IN AB	10"	1"1/2	PLASTIC-NPT	410	190	185
RA1800742	DP BIG M 20 - 1" NPT IN AB	20"	1"	PLASTIC-NPT	667	190	185
RA1800942	DP BIG M 20 - 1"1/2 NPT IN AB	20"	1"1/2	PLASTIC-NPT	667	190	185



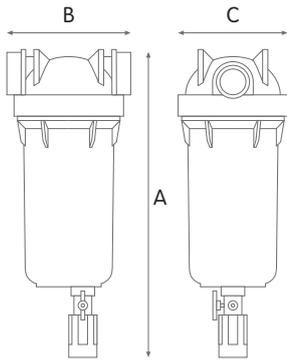
DP BIG S

WORKING CONDITIONS

Max working pressure _____ 8,3 bar (120 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.
 Clear bowl: PET.
 Blue bowl: reinforced polypropylene.
 O-ring: EPDM.
 Breather-valve: body polypropylene, o-ring EPDM.
 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 BIG S clear housings with discharge valve

HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	THREADS	DIMENSIONS mm		
					A	B	C
RA1700733	DP BIG S 10 - 1" IN TS	10"	1"	PLASTIC-BSP	480	190	185
RA1700933	DP BIG S 10 - 1"1/2 IN TS	10"	1"1/2	PLASTIC-BSP	480	190	185
RA1800733	DP BIG S 20 - 1" IN TS	20"	1"	PLASTIC-BSP	737	190	185
RA1800933	DP BIG S 20 - 1"1/2 IN TS	20"	1"1/2	PLASTIC-BSP	737	190	185

HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	THREADS	DIMENSIONS mm		
					A	B	C
RA1700743	DP BIG S 10 - 1" NPT IN TS	10"	1"	PLASTIC-NPT	480	190	185
RA1700943	DP BIG S 10 - 1"1/2 NPT IN TS	10"	1"1/2	PLASTIC-NPT	480	190	185
RA1800743	DP BIG S 20 - 1" NPT IN TS	20"	1"	PLASTIC-NPT	737	190	185
RA1800943	DP BIG S 20 - 1"1/2 NPT IN TS	20"	1"1/2	PLASTIC-NPT	737	190	185



DP BIG S blue housings with discharge valve

HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	THREADS	DIMENSIONS mm		
					A	B	C
RA1700734	DP BIG S 10 - 1" IN AB	10"	1"	PLASTIC-BSP	480	190	185
RA1700934	DP BIG S 10 - 1"1/2 IN AB	10"	1"1/2	PLASTIC-BSP	480	190	185
RA1800734	DP BIG S 20 - 1" IN AB	20"	1"	PLASTIC-BSP	737	190	185
RA1800934	DP BIG S 20 - 1"1/2 IN AB	20"	1"1/2	PLASTIC-BSP	737	190	185

HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	THREADS	DIMENSIONS mm		
					A	B	C
RA1700744	DP BIG S 10 - 1" NPT IN AB	10"	1"	PLASTIC-NPT	480	190	185
RA1700944	DP BIG S 10 - 1"1/2 NPT IN AB	10"	1"1/2	PLASTIC-NPT	480	190	185
RA1800744	DP BIG S 20 - 1" NPT IN AB	20"	1"	PLASTIC-NPT	737	190	185
RA1800944	DP BIG S 20 - 1"1/2 NPT IN AB	20"	1"1/2	PLASTIC-NPT	737	190	185





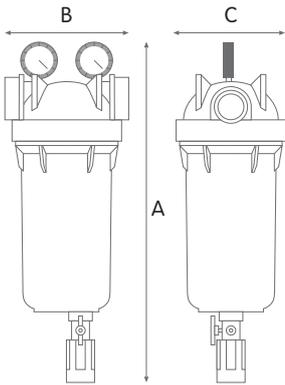
DP BIG S M

WORKING CONDITIONS

Max working pressure _____ 8,3 bar (120 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.
 Clear bowl: PET.
 Blue bowl: reinforced polypropylene.
 O-ring: EPDM.
 Breather-valve: body polypropylene, o-ring EPDM.
 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 BIG S M clear housings with discharge valve and 2 manometers

HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	THREADS	DIMENSIONS mm		
					A	B	C
RA1700735	DP BIG S M 10 - 1" IN TS	10"	1"	PLASTIC-BSP	530	190	185
RA1700935	DP BIG S M 10 - 1"1/2 IN TS	10"	1"1/2	PLASTIC-BSP	530	190	185
RA1800735	DP BIG S M 20 - 1" IN TS	20"	1"	PLASTIC-BSP	787	190	185
RA1800935	DP BIG S M 20 - 1"1/2 IN TS	20"	1"1/2	PLASTIC-BSP	787	190	185

HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	THREADS	DIMENSIONS mm		
					A	B	C
RA1700745	DP BIG S M 10 - 1" NPT IN TS	10"	1"	PLASTIC-NPT	530	190	185
RA1700945	DP BIG S M 10 - 1"1/2 NPT IN TS	10"	1"1/2	PLASTIC-NPT	530	190	185
RA1800745	DP BIG S M 20 - 1" NPT IN TS	20"	1"	PLASTIC-NPT	787	190	185
RA1800945	DP BIG S M 20 - 1"1/2 NPT IN TS	20"	1"1/2	PLASTIC-NPT	787	190	185



DP BIG S M blue housings with discharge valve and 2 manometers

HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	THREADS	DIMENSIONS mm		
					A	B	C
RA1700736	DP BIG S M 10 - 1" IN AB	10"	1"	PLASTIC-BSP	530	190	185
RA1700936	DP BIG S M 10 - 1"1/2 IN AB	10"	1"1/2	PLASTIC-BSP	530	190	185
RA1800736	DP BIG S M 20 - 1" IN AB	20"	1"	PLASTIC-BSP	787	190	185
RA1800936	DP BIG S M 20 - 1"1/2 IN AB	20"	1"1/2	PLASTIC-BSP	787	190	185

HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	THREADS	DIMENSIONS mm		
					A	B	C
RA1700746	DP BIG S M 10 - 1" NPT IN AB	10"	1"	PLASTIC-NPT	530	190	185
RA1700946	DP BIG S M 10 - 1"1/2 NPT IN AB	10"	1"1/2	PLASTIC-NPT	530	190	185
RA1800746	DP BIG S M 20 - 1" NPT IN AB	20"	1"	PLASTIC-NPT	787	190	185
RA1800946	DP BIG S M 20 - 1"1/2 NPT IN AB	20"	1"1/2	PLASTIC-NPT	787	190	185



