



[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)** and **EAC (Russia)**.

## SYMBOLS LEGEND



For domestic use



For technical and industrial use

HOUSINGS RANGE



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"

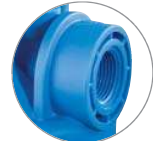
IN

THREADS TYPE

IN - PLASTIC BSP\*



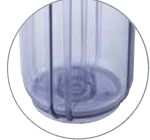
IN - NPT - PLASTIC NPT\*\*



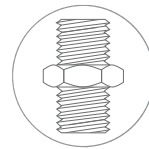
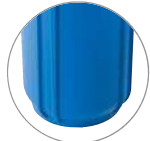
AS

BOWL TYPE

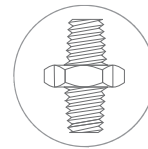
AS - CLEAR (SAN)



AB - BLUE (PP)



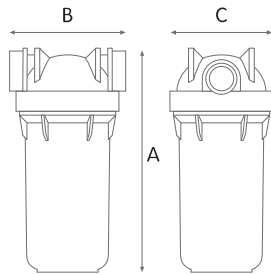
\* BSP  
parallel (cylindrical)  
ISO 228



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



# DP BIG



## WORKING CONDITIONS

DP BIG 10 max working pressure 8 bar (116 psi)  
 DP BIG 20 max working pressure 7 bar (101 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: SAN.  
 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 AS	10"	1"	PLASTIC-BSP	360	190	185
RA1700911	DP BIG 10 - 1"1/2 IN AS	10"	1"1/2	PLASTIC-BSP	360	190	185
RA1800711	DP BIG 20 - 1" IN AS	20"	1"	PLASTIC-BSP	617	190	185
RA1800911	DP BIG 20 - 1"1/2 IN AS	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 AS	10"	1"	PLASTIC-NPT	360	190	185
RA1700921	DP BIG 10 - 1"1/2 NPT IN AS	10"	1"1/2	PLASTIC-NPT	360	190	185
RA1800721	DP BIG 20 - 1" NPT IN AS	20"	1"	PLASTIC-NPT	617	190	185
RA1800921	DP BIG 20 - 1"1/2 NPT IN AS	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