

## DP BIG F

filter housings  
with metal frame kit

Brand new range of patented  
Mono, Duo and Trio  
manifold filter housings  
for filter cartridges with outer diameter  
(OD) 4.50", heights 10" and 20".

# HOUSINGS DP BIG F

WITH METAL FRAME FOR CARTRIDGES BIG SX

**Mono, Duo and Trio patented and registered models. Equipped with metal frame kit.**

The range of housings fit to 10" and 20" BIG filter cartridges with outer diameter 4,50", with standard SX (DOE) configuration.

**ADVANTAGES:**

- Single, double and triple patented filter housings with manifold heads for the highest safety and convenience.
- All steel Frame (legs and bracket) zinc plated and paint finished for high protection against corrosion and rust, provided in practical mounting kit.
- Extreme flexibility and easy to mount.
- **Prepared for ground fixing.**
- **Prepared for wall mounting.**
- Ports for installation of manometers (gauge plugs) and drain (drain plug).
- Reduced packing size, cost-effective logistic optimization.



**SX** cartridges with standard flat seals.

Wide range of dedicated 4.50" OD filter cartridges 10" and 20".

DP BIG filter housings in the frame models are available as:

- **CLEAR housings** 10" and 20", with female in/out connections at 1" and 1 1/2" with BSP or NPT threads.
- **BLUE housings** 10" and 20", with female in/out connections at 1" and 1 1/2" with BSP or NPT threads.



ACCESSORIES ON DEMAND



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



-M- manometer  
CODE AA9020638



-VT- ground fixing kit CODE LB7221134

**ACCESSORIES INCLUDED**



-DP BIG- spanner CODE RB7403019



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

**HOUSING CERTIFICATIONS**



Housings 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 EAC/Ghostreghistracia (Russia) and WaterMark (Australia).



**DP BIG F PS PM**   **10**   **MONO**   **1"**   **IN**   **TS**

**HOUSINGS MODEL**   **HOUSINGS HEIGHT**   **VERSION**   **IN / OUT**   **THREADS TYPE**   **BOWL TYPE**

**PS - DRAIN PLUG**   **PM - MANOMETER PLUGS**



**MONO**



**DUO**



**TRIO**



**1"**  
1"  
1 1/2"

**IN - PLASTIC BSP\***



**NPT IN - PLASTIC NPT\*\***



**TS - CLEAR (PET)**



**AB - BLUE (PP)**



**SYMBOLS LEGEND**



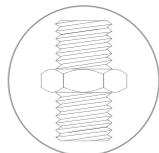
For domestic use



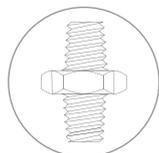
For technical and industrial use



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.



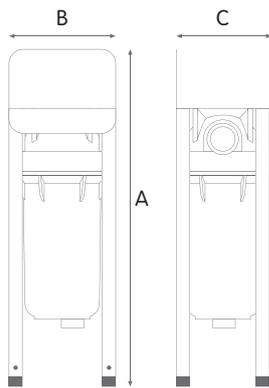
**\* BSP**  
parallel (cylindrical)  
ISO 228



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



# DP BIG F PS PM MONO



## 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.  
 Drain plug: reinforced nylon.  
 Gauge plug: CW 614 N brass.  
 Metal frame: varnished galvanized steel.

**DRAIN PLUG**

**GAUGE PLUG**



## DP BIG F PS PM MONO clear housings

### HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA17F0711	DP BIG F PS PM 10 MONO - 1" IN TS	10"	1"	555	190	200
RA17F0911	DP BIG F PS PM 10 MONO - 1"1/2 IN TS	10"	1"1/2	555	190	200
RA18F0711	DP BIG F PS PM 20 MONO - 1" IN TS	20"	1"	805	190	200
RA18F0911	DP BIG F PS PM 20 MONO - 1"1/2 IN TS	20"	1"1/2	805	190	200

### HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA17F0721	DP BIG F PS PM 10 MONO - 1" NPT IN TS	10"	1"	555	190	200
RA17F0921	DP BIG F PS PM 10 MONO - 1"1/2 NPT IN TS	10"	1"1/2	555	190	200
RA18F0721	DP BIG F PS PM 20 MONO - 1" NPT IN TS	20"	1"	805	190	200
RA18F0921	DP BIG F PS PM 20 MONO - 1"1/2 NPT IN TS	20"	1"1/2	805	190	200



## DP BIG F PS PM MONO blue housings

### HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA17F0712	DP BIG F PS PM 10 MONO - 1" IN AB	10"	1"	555	190	200
RA17F0912	DP BIG F PS PM 10 MONO - 1"1/2 IN AB	10"	1"1/2	555	190	200
RA18F0712	DP BIG F PS PM 20 MONO - 1" IN AB	20"	1"	805	190	200
RA18F0912	DP BIG F PS PM 20 MONO - 1"1/2 IN AB	20"	1"1/2	805	190	200

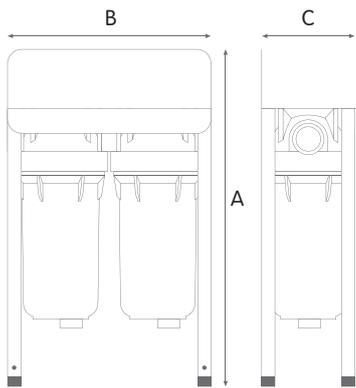
### HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA17F0722	DP BIG F PS PM 10 MONO - 1" NPT IN AB	10"	1"	555	190	200
RA17F0922	DP BIG F PS PM 10 MONO - 1"1/2 NPT IN AB	10"	1"1/2	555	190	200
RA18F0722	DP BIG F PS PM 20 MONO - 1" NPT IN AB	20"	1"	805	190	200
RA18F0922	DP BIG F PS PM 20 MONO - 1"1/2 NPT IN AB	20"	1"1/2	805	190	200





# DP BIG F DUO



### 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.  
 Drain plug: reinforced nylon.  
 Gauge plug: CW 614 N brass.  
 Metal frame: varnished galvanized steel.

#### DRAIN PLUG



#### GAUGE PLUG



## DP BIG F PS PM DUO clear housings

### HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA17F2711	DP BIG F PS PM 10 DUO - 1" IN TS	10"	1"	555	390	200
RA17F2911	DP BIG F PS PM 10 DUO - 1"1/2 IN TS	10"	1"1/2	555	390	200
RA18F2711	DP BIG F PS PM 20 DUO - 1" IN TS	20"	1"	805	390	200
RA18F2911	DP BIG F PS PM 20 DUO - 1"1/2 IN TS	20"	1"1/2	805	390	200

### HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA17F2721	DP BIG F PS PM 10 DUO - 1" NPT IN TS	10"	1"	555	390	200
RA17F2921	DP BIG F PS PM 10 DUO - 1"1/2 NPT IN TS	10"	1"1/2	555	390	200
RA18F2721	DP BIG F PS PM 20 DUO - 1" NPT IN TS	20"	1"	805	390	200
RA18F2921	DP BIG F PS PM 20 DUO - 1"1/2 NPT IN TS	20"	1"1/2	805	390	200



## DP BIG F PS PM DUO blue housings

### HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA17F2712	DP BIG F PS PM 10 DUO - 1" IN AB	10"	1"	555	390	200
RA17F2912	DP BIG F PS PM 10 DUO - 1"1/2 IN AB	10"	1"1/2	555	390	200
RA18F2712	DP BIG F PS PM 20 DUO - 1" IN AB	20"	1"	805	390	200
RA18F2912	DP BIG F PS PM 20 DUO - 1"1/2 IN AB	20"	1"1/2	805	390	200

### HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA17F2722	DP BIG F PS PM 10 DUO - 1" NPT IN AB	10"	1"	555	390	200
RA17F2922	DP BIG F PS PM 10 DUO - 1"1/2 NPT IN AB	10"	1"1/2	555	390	200
RA18F2722	DP BIG F PS PM 20 DUO - 1" NPT IN AB	20"	1"	805	390	200
RA18F2922	DP BIG F PS PM 20 DUO - 1"1/2 NPT IN AB	20"	1"1/2	805	390	200



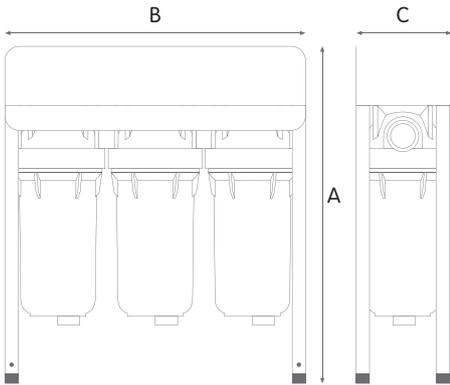
# DP BIG F TRIO

## 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.  
 Drain plug: reinforced nylon.  
 Gauge plug: CW 614 N brass.  
 Metal frame: varnished galvanized steel.



**DRAIN PLUG**

**GAUGE PLUG**



## DP BIG F PS PM TRIO clear housings

### HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA17F3711	DP BIG F PS PM 10 TRIO - 1" IN TS	10"	1"	555	590	200
RA17F3911	DP BIG F PS PM 10 TRIO - 1"1/2 IN TS	10"	1"1/2	555	590	200
RA18F3711	DP BIG F PS PM 20 TRIO - 1" IN TS	20"	1"	805	590	200
RA18F3911	DP BIG F PS PM 20 TRIO - 1"1/2 IN TS	20"	1"1/2	805	590	200

### HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA17F3721	DP BIG F PS PM 10 TRIO - 1" NPT IN TS	10"	1"	555	590	200
RA17F3921	DP BIG F PS PM 10 TRIO - 1"1/2 NPT IN TS	10"	1"1/2	555	590	200
RA18F3721	DP BIG F PS PM 20 TRIO - 1" NPT IN TS	20"	1"	805	590	200
RA18F3921	DP BIG F PS PM 20 TRIO - 1"1/2 NPT IN TS	20"	1"1/2	805	590	200



## DP BIG F PS PM TRIO blue housings

### HOUSINGS WITH PLASTIC BSP THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA17F3712	DP BIG F PS PM 10 TRIO - 1" IN AB	10"	1"	555	590	200
RA17F3912	DP BIG F PS PM 10 TRIO - 1"1/2 IN AB	10"	1"1/2	555	590	200
RA18F3712	DP BIG F PS PM 20 TRIO - 1" IN AB	20"	1"	805	590	200
RA18F3912	DP BIG F PS PM 20 TRIO - 1"1/2 IN AB	20"	1"1/2	805	590	200

### HOUSINGS WITH PLASTIC NPT THREADS

CODE	MODEL	SUITABLE CARTRIDGE	IN/OUT	DIMENSIONS mm		
				A	B	C
RA17F3722	DP BIG F PS PM 10 TRIO - 1" NPT IN AB	10"	1"	555	590	200
RA17F3922	DP BIG F PS PM 10 TRIO - 1"1/2 NPT IN AB	10"	1"1/2	555	590	200
RA18F3722	DP BIG F PS PM 20 TRIO - 1" NPT IN AB	20"	1"	805	590	200
RA18F3922	DP BIG F PS PM 20 TRIO - 1"1/2 NPT IN AB	20"	1"1/2	805	590	200

