



DP Big Housing with Lead-free Brass Inserts

Point-of-Entry Design with Sediment Filter, Gauge, and Drain Ports

Designed for whole house and light commercial applications

Atlas Filtri® DP Big Point-of-Entry water filtration system includes lead-free brass inserts for metal fitting applications and a melt blown 5-micron sediment filter. This robust housing and filter combination is designed for the most challenging potable water condition.

The wall mounted filtration system is designed to be installed at the point-of-entry to a building or residence and will accommodate flow rates of up to 20 gallons per minute. The maximum inlet water pressure of 120 psi at 113°F (45°C) maximum temperature makes it the highest performing system available in its class. Standard inlet and outlet connections are 1" NPT and include metal inserts. Standard head unit is reinforced polypropylene, and the sump housing is PET. Standard O-ring is EPDM.

The head comes with a specially designed pressure relief that is proprietary to Atlas Filtri, and incorporates an o-ring and cap. The head has two molded in ports to accept 1/8" pressure gauges to show if there is a pressure drop across the filter. Lead-free brass inserts are molded into the head to ensure a positive and tight fit when using metal fittings on the inlet and outlet of the housing. The 1/2" drain connection is molded on the bottom of the housing so the housing can be drained for ease of service and safety.

Melt blown CPP smooth cartridges with a length of 10" is made to comply with the most stringent regulations for applications in drinking water. These 5-micron polypropylene cartridges are suitable for many filtration applications due to its wide chemical-physical compatibility to a variety of water-based solutions.

The housing and filter cartridge have been tested and approved by IAPMO to NSF/ANSI Standard 41 and the housings pressure to a pressure rating of 120 PSI. This is the only housing on the market to carry this approval with gauges and drain connections.

Atlas Filtri is driven to providing our customer with the best available products to meet specific filtration requirements. This is done by using the most advanced manufacturing and design methods. The international patents received come from a constant commitment to research and develop that result in new and innovative products.

Check out more about Atlas Filtri at us.atlasfiltri.com.



DP Big Plastic Housing
Gauge & Drain Connections
Lead-free Brass Inserts
Filter Housing Wrench
Metal Bracket
Lubricant
Sediment 5-micron Filter
Cartridge



Features

- Designed for residential and light commercial applications
- Accommodates single standard 4.5"x10" sediment 5-micron filter cartridge for the reduction of microscopic particles
- Polypropylene 5-micron Sediment Filter Cartridges
- 1" NPT inlet and outlet fitting Connections with brass inserts
- Includes pressure-relief feature that includes an o-ring seal. No spring is used that can result in water leaks
- Knife-edge seal at both ends of the cartridge for a positive seal eliminating by-pass
- The housing will accommodate standard double open-ended cartridges

Specifications

Materials:

Head Connection: Reinforced Polypropylene
Housing Construction: PET
Inserts: Lead-free Brass
Seal: FDA Grade EPDM
Filter: Polypropylene

Working Conditions:

Working Temperature Range:
Min 39.2°F (4°C) – Max 113°F (45°C)

Gauges and Drain Kit are sold separately

PRODUCT SPECIFICATION and PERFORMANCE

DP BIG housing model with Lead-free Brass Inserts

Model	Description	Size	Fitting	Box QTY	Box Size		
ZA1701645L	DP Big Clear, Bracket Brass Inserts, Wrench, Gauges and Drain Connections	4.5" x 10"	1" NPT	2	17"	18"	9"
RE5706608	Melt Blown 4.5" x 10" 5-Micron Sediment Filter Cartridge	4.5" x 10"		12	21"	10"	15"

ACCESSORIES INCLUDED

 RE9020650 LUBRIKIT - O-Ring Lubricant
 RB7403019 DP BIG BLACK WRENCH

ACCESSORIES

 LB7221129 DRAIN KIT for DP BIG
 AA9020638 Pressure GAUGE for DP BIG

SPARE PARTS

 AA7530215 DP BIG SUMP O-RING BLUE
 LA9062106 KIT of 4 M8x25* screws and washers for DP BIG Wall Bracket

* M8x25 are mandatory dimensional specs for screws. DP BIG ports for wall bracket screws are threaded. Do not use screws with dimensional specs different from the specification.



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