

DP BIG Whole House Lead, Chlorine Taste & Odor, and Scale Reduction Trio System

Designed to reduce Lead at the point-of-entry in whole house applications

Atlas Filtri® DP BIG Whole House Trio System is a point-of-entry water filtration system designed to reduce lead from water in whole house applications. It also reduces sediment*, chlorine taste & odor*, scale, & corrosion build-up* in high flow, whole house applications to provide clean, clear drinking water, while protecting pipes, appliances, and fixtures, as well.

The first filtration stage includes a 5 micron, 4.5" x 20" sediment melt blown cartridge that includes a portion of the IAPMO Z601 certified ScaleArmor™. This media reduces scale build-up on pipes, dish washers, fixtures, washing machines, tankless and tank systems, while protecting against corrosion. The ScaleArmor™ incorporated into the center core of the filter is designed for a controlled release, and will last up to 12 months** on typical water supplies up to 15 grains hard or iron levels up to 0.5 ppm.

The second and third filtration stages include a 0.5 micron, 4.5" x 20" carbon block made from coconut shell carbon, with a lead reduction media. The special lead reduction media used in the design of the carbon block ensures the reduction of lead in the water to meet government standards. Optional audible gallon counter to ensure a timely filter replacement. The filter is also designed to reduce chlorine taste & odor*, chemicals and improve the clarity of the water throughout the entire house.

The wall mounted filtration unit can be installed at the point-of-entry of a facility or house to accommodate flow rates up to 15 gpm. The unit is designed to handle a maximum pressure of 120 psi at 113°F (45°C). Standard inlet and outlet connections are 1" NPT. Standard head and housing are reinforced polypropylene. O-rings are EPDM.

Atlas Filtri is driven to providing our customers 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 development that result in new and innovative products.

Check out more about Atlas Filtri at atlasfiltri.com.



DP BIG Trio Plastic Housing
 Metal Powder-Coated White Bracket, Filter Wrench, and Lubrikit+
 5 Micron Sediment Filter to reduce Scale and Corrosion*
 0.5 Micron Carbon Block Filters to reduce Lead,
 Chlorine Taste & Odor*, VOC's* and Cysts*

Features

- Designed for lead reduction in high flow residential filtration applications
- Works with standard double open-ended (DOE) cartridges with ScaleArmor™
- Accommodates (3) standard 4.5" x 20" OD filter cartridges, DOE
- Sediment & scale reduction to 15 grain hard water for 12 months
- 1" NPT inlet and outlet fitting connections
- Includes pressure-relief feature with an O-ring seal
No spring is used that can result in water leaks due to corrosion
- Knife-edge flat washers at both cartridge ends create a positive and seal eliminating by-pass
- Works with standard double open-ended (DOE) cartridges with ScaleArmor™

Specifications

- **Materials:**
 Head Connection: reinforced polypropylene
 Housing Construction: reinforced polypropylene
 Seal: FDA Grade EPDM O-Ring
 Filter Construction: polypropylene & coconut shell carbon media
 Filter Media: ScaleArmor™
- **Working Conditions:**
Temperature Range: 39°F - 113°F (4°C - 45°C)
Media temperature range of dissolved polyphosphate:
 Max 220°F (104°C) in heated environment
Maximum Flow Rate:* 15 gpm (68 lpm)
Rated Capacity: 40,000 gallons @ 4 gpm flow rate
Rated Capacity: 80,000 gallons @ 2 gpm flow rate
- **Certifications:**



Certified by IAPMO R&T to NSF/ANSI 42 - Material Safety and Structural Integrity only, 61, 372 - lead free, CSA B483.1.

* Based on manufacturer's internal testing

** Dependant on water conditions

PHYSICAL SPECIFICATIONS & PERFORMANCE DATA

Listed DP BIG housing models with sediment, lead, chlorine taste & odor, and scale reduction cartridges

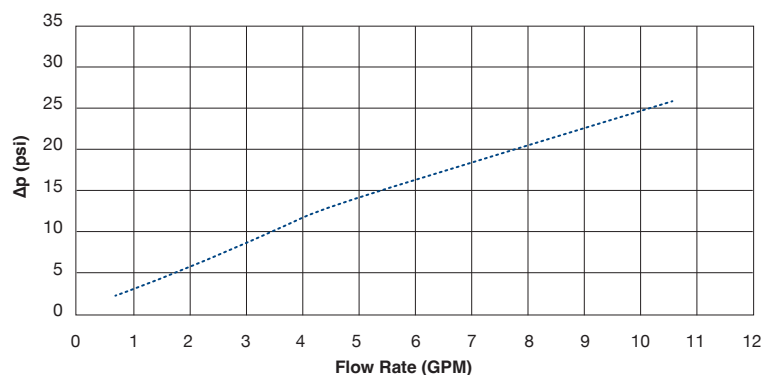
System Part Number	Description	Size	Fitting	Box Qty	Box Size	Weight
ZC1803733	DP BIG 4.5" x 20" Trio w/cartridges (included), 1" NPT, Bracket, Drain Kit (QTY 3), Gauges DP (QTY 4), Wrench	20"	1" NPT	1	18" x 24" x 8.5"	17.3 lb

Cartridge Part Number	Description	Size	Micron Rating	Box Qty	Box Size	Weight
RA5777608	Sediment/ScaleArmor™ 5 Micron Filter Cartridge	4.5" x 20"	5	6	21.2" x 9.8" x 14.7"	14.2 lb
RE4520P05	Carbon Block - Lead Reduction 0.5 Micron Filter Cartridge	4.5" x 20"	0.5	6	17.2" x 12.5" x 21.5"	42 lb

While testing was performed under standard laboratory conditions, actual performance may vary.

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

CB AF BIG Pb 4.5" x 20"



Check out all of Atlas Filtri's various solutions and kits to meet the application requirement for your filtration needs at atlasfiltri.com



RE4520P05
Carbon Block - Lead Reduction
0.5 Micron Filter Cartridge



RA5777608
Sediment/ScaleArmor™
5 Micron Filter Cartridge



ZC1802749
4 GPM - 40,000 gallon life
2 GPM - 80,000 gallon life



ZC1803734
4 GPM - 60,000 gallon life
2 GPM - 120,000 gallon life



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