



# DP Big Whole House Taste, Odor, and Scale Reduction Trio System

Designed for high flow point of entry applications to provide clean, clear drinking water and protect pipes, appliances, and fixtures

**Atlas Filtri® DP Big Sediment, Taste, Odor, and Scale Reduction unit is a point-of-entry, water filtration system for the whole house. Designed to reduce sediment, taste, color, odor and lime scale build up in high flow whole house applications.**

The first stage of the PET housing accepts a 5-micron, 20" sediment filter that includes a special grade of polyphosphate media to reduce scale build up on pipes, dish washers, fixtures, washing machine, and tankless and heating tank systems.

The second and third stages accept a 5-micron, 20" carbon block made from coconut shell carbon. Reduces taste, odor and clarity of the water, providing bottle-quality water. The wall mounted filtration unit is designed to be installed at the entry point of a house to accommodate flow rates of up to 20 gallons per minute. Designed to handle a maximum pressure of 120psi @ 113°F (45°C) maximum temperature. Standard inlet and outlet connections are 1" NPT. Standard head unit is reinforced polypropylene and sump is PET. Standard O-ring is EPDM.

The melt-blown BIG smooth cartridge and carbon block come in a 20" length and are made to comply with the most stringent regulations for applications of drinking water. These five (5) micron polypropylene cartridges are suitable for many filtration applications due to the wide chemical-physical compatibility for a variety of water-based solutions.

The polyphosphate incorporated into the center core of the filter is designed to slowly release. It is a low acid media specifically designed for extreme water conditions found in high temperature filtration applications. The media will last up to 12 months on typical water supplies up to 15 grains hard or iron levels up to 0.5 ppm.

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.

Learn more at [us.atlasfiltri.com](http://us.atlasfiltri.com).



## Features

- Designed for high flow residential filtration applications
- Accommodates (3) single standard 4.5" OD filter cartridges
- 1" NPT inlet and outlet fitting connections
- Includes pressure-relief feature that includes an O-ring seal. No spring is used that can result in water leaks due to corrosion
- Knife-edge flat washer at both cartridge ends create a positive and seal eliminating by-pass
- Works with standard double open-end cartridges with scale reduction media included

## Specifications

### Materials:

Head Connection: reinforced polypropylene  
Housing Construction: PET  
Seal: FDA Grade EPDM  
Filter construction: polypropylene and coconut shell carbon media  
Filter media: Glassy polyphosphate

### Working Conditions:

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

Media temperature range of dissolved polyphosphate: Max 220°F (104°C) in heated environment

All components sold separately

DP Big Trio Plastic Housing  
Metal Powder Coated White Bracket  
Filter Wrench  
Lubricant

5 Micron Scale Reduction Filter  
5 Micron Carbon Block Filter (QTY 2)  
(Ordered Separately)



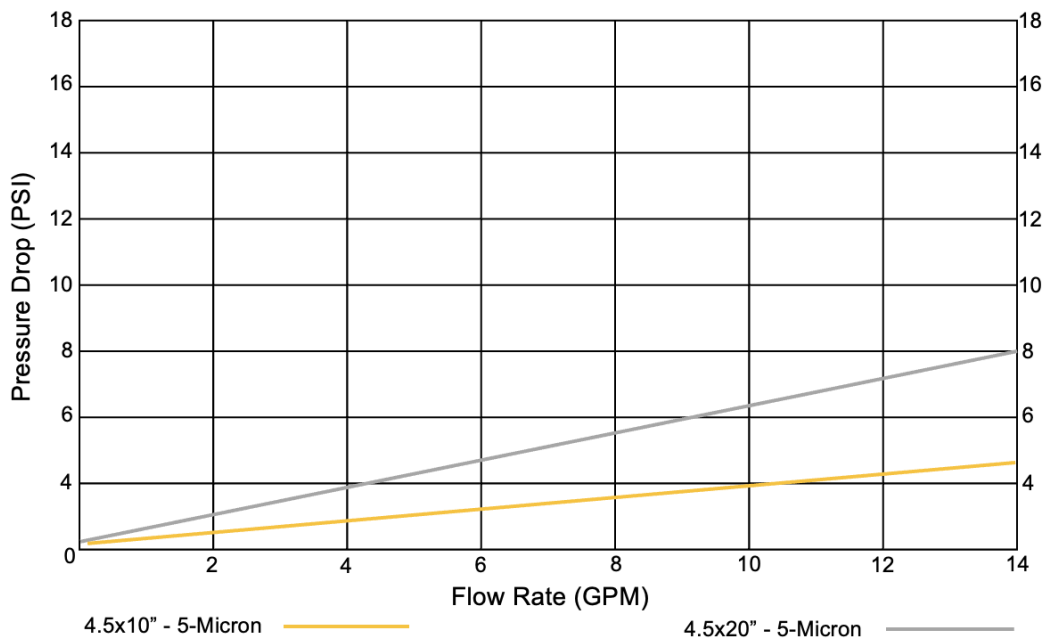
NSF/ANSI Test and Approved  
IAPMO Certification

## PRODUCT SPECIFICATION and PERFORMANCE

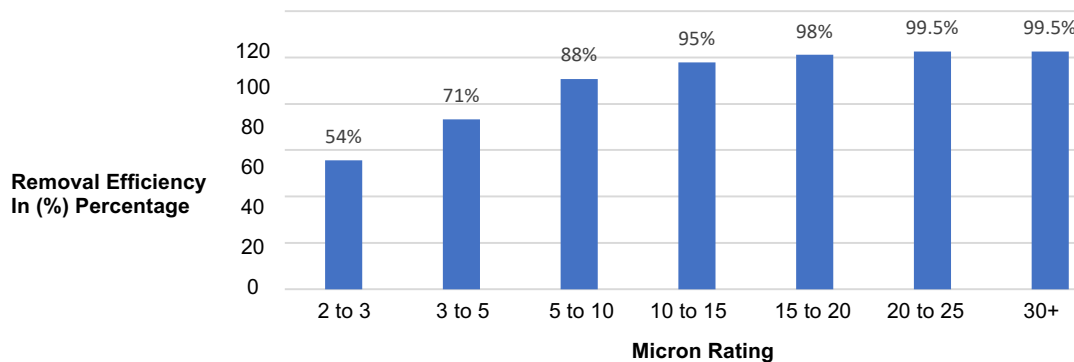
Listed DP BIG housing models with sediment and scale reduction cartridges

Model	Description	Size	Fitting	Box QTY	Box Size	Weight
ZA1803737	DP Big PS PM 20 Trio 1" NPT IN Wall Bracket, Drain Kit (QTY 3) and Gauges DP (QTY 4)	20"	1"	1	18" 24" 8.5"	17.30lb

Model	Description	Size	Micron Rating	Box QTY	Box Size	Weight
RA5777611	CPP-SP 20 Big SX 25 micron Sediment/ScaleArmor™ filter	4.5"x 20"	25	6	21.2" 9.8" 14.7"	14.24lb
RA5777608	CPP-SP 20 Big SX 5 micron Sediment/ScaleArmor™ filter	4.5"x 20"	5	6	21.2" 9.8" 14.7"	14.24lb
RE4520CT5	CB-AF Big CTO 20 SX 5 mcr	4.5" x 20"	5	6	17.2" 12.5" 21.5"	42lb



## Removal Efficiency in %



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