



DP Mono Housing With ScaleArmor™ for Scale Reduction Applications

Designed for Tank, Tankless, and Solar Water Heaters

ZC1380424C DP Mono 3/4" Stainless Steel Inserts - RB5175144 P10 Canister 12oz ScaleArmor™

Atlas Filtri® DP Mono Scale Reduction Unit is perfect for areas where scale build-up is an issue. As a point-of-use water treatment system, it is ideal for the reduction of lime scale build-up.

The housing is made of PET material that holds an NSF/ANSI Standard 61 approval for 120PSI water pressure. The canister inside the housing holds a specially designed grade of polyphosphate branded as ScaleArmor™.

Designed for use with tank, tankless, and solar water heating units, the media can be used on recirculation units and boilers up to 220°F.

The DP Mono filter housing comes standard with a pressure relief valve consisting of a screw and o-ring. Threads are stainless steel inserts in 3/4" FNPT that allows for a maximum flow rate of 8 GPM with only a slight pressure drop.

The polyphosphate incorporated into the center core of the filter is a slow-release and low acid media specifically for extreme water conditions found in high temperature applications. It works on scale up to 15-grain hard water. The media will reduce the build-up of scale on pipes, fixtures, tanks, and machinery. It will also reduce the effects of chlorides and silica by coating the metal surface contact points. The media is designed to last 12-months as it releases slowly into the water supply.

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 www.atlasfiltri.com.



Features

Performance:

- 8-gallons per minute
- 15-grains per gallon
- 12-month life
- 12-oz ScaleArmor™ Media

Characteristics:

- Designed for residential and light commercial filtration applications
- Accommodates single standard 2.5" OD by 10" length filter cartridge
- 3/4" FNPT inlet and outlet with stainless steel threads connections for the highest available flow rate
- Includes pressure-relief feature with an o-ring seal
- Knife-edge flat washer at both cartridge ends create a positive and seal-eliminating by-pass
- Works with standard double open-ended cartridges
- NSF and IAPMO certifications for performance and compliance

Replacement Filter

Specifications

Materials:

Head Connection: Reinforced Nylon
Housing Construction: Reinforced Nylon

Seal:

FDA Grade EPDM
Filter Construction: Polypropylene
Filter Media: Glassy Polyphosphate

Working Conditions:

Working Temperature Range:
Min 39.2°F (4°C) – Max 176°F (80°C)

Certifications

Housing certified by IAPMO R&T to NSF/ANSI 42 Material Safety 61 (120PSI) and Structural Integrity 61 (680PSI), 372 – lead free, CSA B483-1

Polyphosphate certified by NSF/ANSI 42 Drinking Water Treatment Units – Aesthetics Effects and NSF/ANSI 60 Drinking Water Treatment Chemicals-Health Effects, for use in potable water systems

Type	Part Number	Description	Ounces	Life
Scale Reduction Cartridge	RB5175144	P10 Canister 12oz ScaleArmor™	12	12-months

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