



Chlorine/Chloramine Backwash Filtration System with ScaleArmor™ Media

Point-of-Entry, Sediment, Chemical and Scale Reduction System

For light commercial and whole house applications - IAPMO Scale Certification

Atlas Filtri® is offering the most advanced technology in scale, sediment and chemical reduction in a backwash filtration design. The high flow catalytic/CTO carbon filtration system is designed for the reduction of chloramine/chlorine taste and odor and dissolved organic compounds in residential and light commercial water treatment applications. The sediment filter is a patented self cleaning design for heavy sediment conditions that is easy to flush. The scale reduction technology is IAPMO approved for the reduction of scale under the ScaleArmor™ brand in a canister form.

Whether residential or light commercial applications, this system can be used on water that has a wide range of pH levels, sediment and scale up to 60GPG. The balanced pore structure gives a more efficient adsorption range. With this system, chemicals such as detergents, herbicides, pesticides, THM's, antifreeze, chloroform, MTB's, hydrogen peroxide, iodine, solvents, tannins, chlorine taste & odor, chloramines, and more are significantly reduced in drinking water. The Atlas Filtri® carbon backwash unit is one of the most efficient carbon backwash systems available. The self-cleaning pre-filter is designed to protect against valve failure while assisting in the performance of the backwash filter system.

Catalytic Activated Carbon is an activated coconut shell based granular carbon that is specifically designed for the reduction of chlorine/chloramines and hydrogen sulfide from potable water.

ScaleArmor™ reduces the build-up of scale on metal contact parts, reducing the effects of small quantities of iron. This keeps glassware and dishes free from spots and stops soap scum from occurring in showers.

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 development that result in new and innovative products.

Check out more about Atlas Filtri at atlasfiltri.com.



Carbon Backwash Technology Metered Flush Cycle
20-Micron Catalytic Activated Carbon

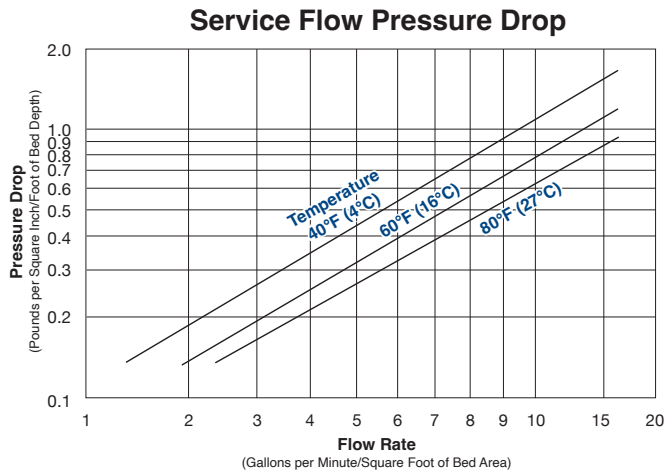
Features	Specifications
<ul style="list-style-type: none"> Designed for residential, well & light commercial filtration applications 1" FNPT inlet & outlet fitting connections Lead free system design Service rates of 8 gpm for clarity & chloramine/chlorine taste and odor reduction Programmable meter with 110/60hz electrical requirement Drain line 5/8" for high backwash flow rate Large surface area results in high capacity & efficiency NEMA electrical plug Protective tank jacket PET and Polypropylene plastic housings & heads Exclusive, patented ScaleArmor™ scale reduction media Self-cleaning manual flush unit Backwash stainless steel 90-micron screen for easy cleaning 	<ul style="list-style-type: none"> Materials: <ul style="list-style-type: none"> Blue Head Connection: reinforced polypropylene Clear Housing Construction: PET Seal: EPDM O-Ring RAH filter cartridge: 90-micron stainless steel net, frame, end caps, polypropylene, gasket SEBS with antimicrobial technology Filter cartridge spring: stainless steel Working Conditions: <ul style="list-style-type: none"> Max Water Pressure: 90 PSI (8.3 BAR) Temperature Range: 39°F - 113°F (4°C - 45°C)

PRODUCT SPECIFICATION AND PERFORMANCE

Backwash Catalytic Filtration Systems in standard models

Part Number	Description
BW-CAT-1MPT-08	Backwash Filter Catalytic Chloramine, 1.5 cu ft, 10 x 54 - 1", MPT Meter Filter 8 GPM
ZS7000001	Carbon GAC Backwash Mixed Bed System with Hydra self-cleaning filter, 1.5 cu ft, 10 x 54 - 1", MPT Meter Filter 8 GPM
ZS7000002	Carbon GAC Backwash Mixed Bed System, 1.5 cu ft, 10 x 54 - 1", MPT Meter Filter 8 GPM

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



ScaleArmor™ Specifications

- **Materials:**
Head & Housing Construction: reinforced polypropylene
Seal: FDA Grade EPDM O-Ring
- **Working Conditions:**
Temperature Range: 39°F - 113°F (4°C - 45°C)
Service Flow Rate: Approx. 15 gpm (56.8 lpm)
Media Max Temperature Range of dissolved polyphosphate: 220°F (104°) in heated environment

Backwash Unit Specifications

- **Materials:**
Head Construction: reinforced polypropylene
Housing Construction: fiberglass
Seal: EPDM O-Ring
Media: Catalytic - High Activated Carbon
Mesh Size: 12 x 40
- **Working Conditions:**
Temperature Range: 39°F - 113°F (4°C - 45°C)
Pressure Range: 20 - 90 psi (1.8 - 8.3 bar)
Meter Electrical Requirements: 10V/60Hz
Minimum Flow Rate:
- 8 gpm (30 lpm) service flow rate
- Certifications:**
- Media is Certified to NSF/ANSI Std 61, AWWA B604-96 & EN12915

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



ZS7000001



ZS7000002



Products certified by IAPMO RT to NSF/ANSI 42, 60, 61, 372- lead free, CSA B483.1. In compliance with drinking water regulations, USA and Canada.



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A Company of the Atlas Filtri Group. World headquarters and production facilities located in Italy.