

Chlorine/Chloramine Backwash Filtration Systems Point-of-Entry, High Flow Catalytic Carbon Filter

Designed for light commercial and whole house High Chlorine/Chloramine Applications

Atlas Filtri® high flow catalytic carbon filtration system is designed for reduction of chlorine/chloramine taste and odor and dissolved organic chemicals from residential and light commercial water treatment applications. Activation is carefully controlled to produce exceptionally high internal surface area with optimum pore size for the adsorption of a broad range of high and low molecular weight organic contaminants. The results are clean and refreshing water with no objectionable chlorine/chloramine taste or odor characteristics.

Whether the application is residential or light commercial, the media can be used on water applications that have a wide range of pH levels. The balanced pore structure gives a more efficient adsorption range. Many chemicals are significantly reduced like detergents, herbicides, pesticides, THM's, antifreeze, chloroform, MTB's, hydrogen peroxide, iodine, solvents, tannins, chlorine, chloramines, and many more chemicals that can be found in drinking water. The Atlas Filtri® carbon backwash unit is one of the most efficient carbon backwash systems available.

Catalytic Activated Carbon is a high activity coconut shell based granular carbon that is specifically designed for the reduction of chlorine/chloramines and hydrogen sulfide from potable water. Catalytic Activated Carbon media requires periodic backwashing to eliminate accumulated suspended matter and to re-grade the filter bed. This Catalytic Activated Carbon media has an extremely high capacity but must be replaced when the filter bed loses the capacity for reduction of chlorine/chloramine taste and odor.

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

- Designed for residential, well & light commercial filtration applications
- 1" FNPT or 1.5" FNPT inlet & outlet fitting connections
- Lead free system design
- High capacity due to large surface area
- Effectively reduces a large range of chemicals, petroleum products, organics, clarity, sediment and chlorine/chloramine taste & odor
- Effective on a broad range of pH levels
- Service rates of 5 GPM/sq. ft. are realized for clarity & chlorine/chloramine taste and odor reduction
- Backwashing keeps the media performing effectively for years of chemical reduction
- Programmable meter with 110/60hz electrical requirement
- Drain line 1" for high backwash flow rate
- Large surface area results in an exceptionally high capacity & efficiency
- NEMA electrical plug
- Protective tank jacket
- One year warranty on structural integrity

Specifications

- **Materials:**
 - Head Connection: 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:* 110V/60Hz
 - Minimum Flow Rate:*
 - 1.5 cu.ft, 8 gpm (30 lpm) service flow rate
 - 2.0 cu.ft, 10 gpm (38 lpm) service flow rate
 - 2.2 cu.ft, 12 gpm (45 lpm) service flow rate
- **Certifications:**
 - Media is Certified to NSF/ANSI Std 61, AWWA B604-96 & EN12915

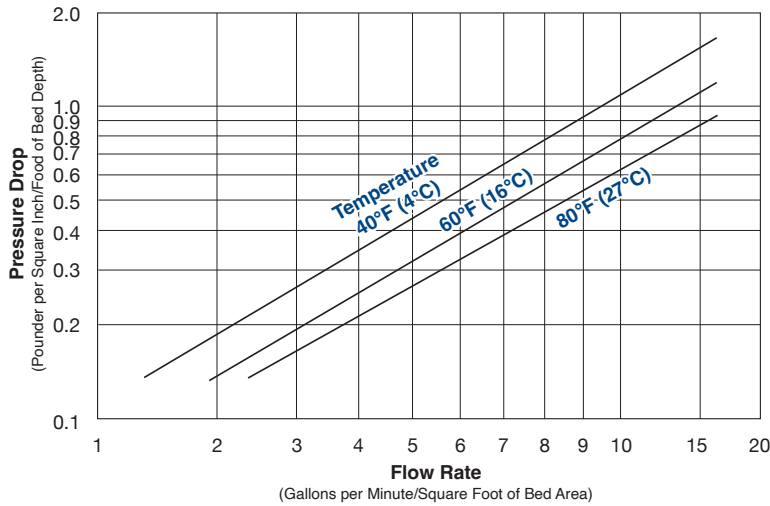
PRODUCT SPECIFICATION AND PERFORMANCE

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
BW-CAT-1MPT-10	Backwash Filter Catalytic Chloramine, 2.0 cu ft, 12 x 52 - 1", MPT Meter Filter 10 GPM
BW-CAT-1.25MPT-12	Backwash Filter Catalytic Chloramine, 2.2 cu ft, 1 x 52 - 1.25", MPT Meter Filter 12 GPM

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

Service Flow Pressure Drop



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