



# AMI® FILTERS

## WHOLE HOUSE WATER FILTRATION



# APPLIED MEMBRANES INC.®

Industry Leader in RO Expertise and Membrane Applications Since 1983™





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WHOLE HOUSE WATER FILTRATION

## Quick & Simple Installation

## Hassle-Free Maintenance

The most worry-free way to safeguard your home's water supply. Install the filter at your home's point-of-entry water line. Replace the filters when the pressure drop reaches 25 psi or higher. That's it.



### In & Out Pressure Gauges

Let you know when it is time to change the filters.



### 1" Female Connections

Standard 1" Female Threaded in/out connections - compatible with standard USA plumbing parts for easy installation.



### Heavy Duty Bracket

Steel bracket with rust-proof powder coating for secure wall mounting.



### Easy Maintenance

Easy twist-off and drop-in filter changes. Filter-wrench included for easier opening.



### High Capacity Filters

For less frequent change-outs. Standard sized cartridges assure availability.



**Designed & Assembled in USA**  
using quality parts sourced world-wide.

**Backed by AMI Expertise & Satisfaction Guarantee**



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## Chlorine, Chemical, and Sediment Reduction

*Ideal for chlorinated water supplies, including city water for removal of chlorine, chloramine, other chemicals, and controlling sediment.*

The sediment pre-filter removes dirt, rust, sand, dust, silt, and other particles from water down to 5 microns. This protects your plumbing & appliances and extends the life of the carbon filters. Applied Membranes high performance carbon filters. Our advanced HP Carbon filters absorb unpleasant tastes and odors from water along with chlorine, chloramine, VOCs, pesticides, herbicides, and 100s of other harmful chemical contaminants commonly found in tap water, while also correcting cloudiness (turbidity). Made with 100% coconut shell carbon.

Model No.	# of Stages	Filter Size	Filter Type	Stage 1 Filter	Stage 2 Filter	Stage 3 Filter
FA-320BB-5CC-1	3	20" BB	Advanced Chemical & Sediment Reduction	5 Micron H-F20BB05CF-SED	Carbon Block H-F4220AC-CB	HP Carbon H-F4220AC-HP
FA-310BB-5CC-1	3	10" BB	Advanced Chemical & Sediment Reduction	5 Micron H-F10BB05CF-SED	Carbon Block H-F4210AC-CB	HP Carbon H-F4210AC-HP
FA-220BB-5C-1	2	20" BB	Chemical & Sediment Reduction	5 Micron H-F20BB05CF-SED	HP Carbon H-F4220AC-HP	n/a
FA-210BB-5C-1	2	10" BB	Chemical & Sediment Reduction	5 Micron H-F10BB05CF-SED	HP Carbon H-F4210AC-HP	n/a

In/out connections: 1" FNPT • Maximum Flow Rate: 15 gpm • Max. Incoming Pressure: 90 psi (6.2 bar) • 40°-100°F Water Temperature



FA-320BB-5CC-1



FA-310BB-5CC-1



FA-220BB-5C-1



FA-210BB-5C-1

## CONTAMINANTS REMOVED

- **Chemical Contaminants Removed:** Bad Tastes & Odors, Chlorine, Chlorine By-Products, Chloramine, Pesticides, Herbicides, Insecticides, Industrial Solvents, Volatile Organic Chemicals (VOCs).
- **Sediment Contaminants Removed:** Sediment, Dirt, Rust, Sand, Silt, and other suspended solids which can cause build-up and clogging.
- **Aesthetics:** Removes bad flavors, removes bad odors, corrects cloudy water (turbidity). Provides crystal-clear great-tasting water.

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## Fine Sediment Filtration

*Ideal for homes and facilities where sediment build-up and clogging is an issue.*

Double sediment filters work together to provide ultra-fine water filtration with extended life and minimum maintenance. The first filter removes the Dirt, Rust, Sand, Dust, and other particles from water down to 5-micron size. This primes the water for the finer sediment filtration in stage 2 - extending the life of the next filter which further filters the water down to 1 micron. This provides excellent

protection for your plumbing, fixtures & appliances from damage due to sediment buildup.

Model No.	# of Stages	Filter Size	Filter Type	Stage 1 Filter	Stage 2 Filter
FA-220BB-5C-1	2	20" BB	Fine Sediment Reduction	<b>5 Micron</b> H-F20BB05CF-SED	<b>1 Micron</b> H-F20BB01CF-SED
FA-210BB-5C-1	2	10" BB	Fine Sediment Reduction	<b>5 Micron</b> H-F10BB05CF-SED	<b>1 Micron</b> H-F10BB01CF-SED

In/out connections: 1" FNPT • Maximum Flow Rate: 15 gpm • Max. Incoming Pressure: 90 psi (6.2 bar) • 40°-100°F Water Temperature



FA-220BB-51-1



FA-210BB-51-1

## CONTAMINANTS REMOVED

**Sediment**, Dirt, Rust, Sand, Silt, and other suspended solids which can cause build-up and clogging, down to a 1-micron filtration level.



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## Iron & Manganese, Chemical & Sediment Reduction

*Ideal for chlorinated water supplies where Iron and/or Manganese are a concern.*

Applied Membranes specially formulated Iron & Manganese filter offers iron reduction from 3 to >0.01ppm and Manganese Reduction from 1 to >0.01ppm. This is followed by Applied Membrane's advanced High Performance carbon filter which removes chlorine, chloramine as well as 100s of other chemical contaminants commonly found in tap water. The 3-stage filter also features a 5-micron sediment filter as stage 1, which removes sediment particles from the water – protecting from sediment buildup and priming the water for filters in the following stages.

Model No.	# of Stages	Filter Size	Filter Type	Stage 1 Filter	Stage 2 Filter	Stage 3 Filter
FA-320BB-5CI-1	3	20" BB	Iron, Manganese and Chemical Reduction + Sediment Reduction	5 Micron H-F20BB05CF-SED	Iron & Manganese C-C4220-I	HP Carbon H-F4220AC-HP
FA-210BB-CI-1	2	10" BB	Iron, Manganese and Chemical Reduction	Iron & Manganese C-C4210-I	HP Carbon H-F4210AC-HP	n/a

In/out connections: 1" FNPT • Maximum Flow Rate: 15 gpm • Max. Incoming Pressure: 90 psi (6.2 bar) • 40°-100°F Water Temperature



FA-320BB-5CI-1



FA-210BB-CI-1

### CONTAMINANTS REMOVED

- **Iron & Manganese:** Removes iron & manganese from water to protect the home or facility from iron build-up in plumbing and appliances, and prevent staining in sinks, tubs and toilets.
- **Chemical Contaminants Removed:** Bad Tastes & Odors, Chlorine, Chlorine By-Products, Chloramine, Pesticides, Herbicides, Insecticides, Industrial Solvents, Volatile Organic Chemicals (VOCs).
- **Sediment Contaminants Removed:** Sediment, Dirt, Rust, Sand, Silt, and other suspended solids which can cause build-up and clogging.

**Aesthetics:** Removes bad flavors, removes bad odors, corrects cloudy water (turbidity). Provides crystal-clear great-tasting water.

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## Lead, Hardness, Cyst, Chemical & Sediment Reduction

*Ideal for chlorinated water supplies where Lead and/or Hardness are a concern.*

The combination of Applied Membranes' specially formulated lead-reduction filters remove both dissolved and undissolved lead from the water. Stage 1 sediment filter removes dirt, rust, sand, dust, and other particles from the water down to 5 microns. Next the water passes through Applied Membrane's advanced Ultra-High Performance Lead carbon filter which absorbs bad tastes and odors while removing undissolved lead, cysts, chlorine, chloramine and other chemical contaminants. Last, the specially formulated dissolved lead filter uses advanced ion exchange technology to remove dissolved lead and hardness from the water at a molecular level.

Model No.	# of Stages	Filter Size	Filter Type	Stage 1 Filter	Stage 2 Filter	Stage 3 Filter
FA-320BB-5CPB-1	3	20" BB	Lead, Hardness, Cysts, Chlorine & Chemical, and Sediment Reduction	5 Micron H-F20BB05CF-SED	Lead, Cyst & Chemical H-F4220AC-PB	Dissolved Lead C-C4220-PB
FA-310BB-5CPB-1	3	10" BB	Lead, Hardness, Cysts, Chlorine & Chemical, and Sediment Reduction	5 Micron H-F10BB05CF-SED	Lead, Cyst & Chemical H-F4210AC-PB	Dissolved Lead C-C4210-PB

In/out connections: 1" FNPT • Maximum Flow Rate: 15 gpm • Max. Incoming Pressure: 90 psi (6.2 bar) • 40°-100°F Water Temperature



FA-320BB-5CPB-1



FA-310BB-5CPB-1

### CONTAMINANTS REMOVED

- **Lead & Hardness:** Removes dissolved & undissolved lead and hardness from water.
- **Chemical Contaminants Removed:** Bad Tastes & Odors, Chlorine, Chlorine By-Products, Chloramine, Pesticides, Herbicides, Insecticides, Industrial Solvents, Volatile Organic Chemicals (VOCs).
- **Sediment Contaminants Removed:** Sediment, Dirt, Rust, Sand, Silt, and other suspended solids which can cause build-up and clogging.
- **Aesthetics:** Removes bad flavors, removes bad odors, corrects cloudy water (turbidity). Provides crystal-clear great-tasting water.

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## Heavy Metal Toxins, Chemical & Sediment Reduction

*Ideal for chlorinated water supplies, including city water, where metal contaminants are a concern.*

Applied Membranes specially formulated Heavy Metals filter removes up to 99% of water-soluble metals including lead, mercury, nickel, chromium, and other dissolved metals. Stages 1 and 2 Sediment and advanced high performance carbons filters remove chlorine, chloramine as well as 100s of other chemical contaminants commonly found in tap water along with sediment Reduction down to 5-micron filtration level.



Model No.	# of Stages	Filter Size	Filter Type	Stage 1 Filter	Stage 2 Filter	Stage 3 Filter
FA-320BB-5CK-1	3	20" BB	Heavy Metals, Chemicals, and Sediment Reduction	5 Micron H-F20BB05CF-SED	HP Carbon H-F4220AC-HP	Heavy Metals C-C4220-K

In/out connections: 1" FNPT • Maximum Flow Rate: 15 gpm • Max. Incoming Pressure: 90 psi (6.2 bar) • 40°-100°F Water Temperature



### 5 Micron Sediment Filter

Removes Dirt, Rust, Sand, Dust, Silt, and other particles from water down to 5 microns. This protects your plumbing & appliances and extends the life of the carbon filters. The graded pore structure uses the entire depth of the filter - capturing larger particles in the outer layers and decreasing in size as it reaches the center. This maximizes the dirt holding capacity, giving more time between changeouts.



### HP Carbon Block Filter with Advanced Chemical Adsorption

Rated at >240,000 gallons for chlorine reduction, Applied Membranes high performance carbon filter absorbs chlorine and unpleasant tastes and odors from the water and corrects cloudiness (turbidity). Our advanced HP formulation also removes residual chlorine, chloramine, VOCs, pesticides, herbicides, and 100s of other harmful chemical contaminants commonly found in tap water. Made with 100% coconut shell carbon.



### Heavy Metals Removal Filter

Applied Membranes Heavy Metals Water Filter Removes up to 99% of Water-Soluble Lead, Mercury, Nickel, Chromium, and other dissolved metals from water. Our advanced filter media also controls Bacteria, Algae, Fungi & Scale.

## CONTAMINANTS REMOVED

- **Heavy Metal Contaminants Removed:** Water-Soluble Lead, Mercury, Nickel, Chromium & Other Dissolved Metals.
- **Chemical Contaminants Removed:** Bad Tastes & Odors, Chlorine, Chlorine By-Products, Chloramine, Pesticides, Herbicides, Insecticides, Industrial Solvents, Volatile Organic Chemicals (VOCs).
- **Sediment Contaminants Removed:** Sediment, Dirt, Rust, Sand, Silt, and other suspended solids which can cause build-up and clogging.
- **Aesthetics:** Removes bad flavors, removes bad odors, corrects cloudy water (turbidity). Provides crystal-clear great-tasting water.

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## Anti-Scale System for Tankless Water Heater and Whole-House Scale Protection

Applied Membranes No-Scale system provides excellent protection for your plumbing, fixtures, water heater, and other household appliances from scale buildup. Prevent scale formation to improve efficiency and prolong the life of your water heater, dish washer, washing machine, and other appliances.

- Prevents scale formation to protect appliances from scale buildup.
- Low Maintenance: No salt, backwash, or regeneration.
- Space & Energy Saving: smaller than a softener, no electricity required.

Model No.	# of Stages	Filter Size	Filter Type	Replacement Cartridge
FA-120BB-S-1	1	20" BB	Anti-Scale	C-C4220-NS

In/out connections: 1" FNPT • Maximum Flow Rate: 10 gpm • Max. Incoming Pressure: 90 psi (6.2 bar) • 40°-100°F Water Temperature



### Fast and Simple DIY Installation & Worry-Free Maintenance

The most worry-free way to prevent scale-buildup. Install the filter at your home's point-of-entry water line. Replace the filter every 2 years. That's it.

The wall mountable system connects to standard USA plumbing with 1" NPT inlet and outlet. Includes a step-by-step installation and maintenance guide.



**In & Out Pressure Gauges**  
To monitor pressure drop..



**Standard 1" Female Connections**  
Compatible with standard USA plumbing parts.



**Heavy Duty Steel Bracket**  
System is assembled onto a heavy-duty wall-mountable bracket with rust-proof powder coating.



**Hassle-Free Maintenance**  
Easy twist-off and drop-in filter changes. Standard sized cartridges for assured availability.

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### AMI WHOLE-HOUSE WATER FILTERS OFFER WHOLE HOUSE PROTECTION

Applied Membranes point of entry (POE) whole house water filtration systems provide filtered water to an entire home or business facility and are offered in multiple configurations with cartridges designed for common water concerns.



**Protects Plumbing  
From Sediment Buildup**



**Shower Without  
Harsh Chlorine**



**Purified Drinking Water  
From Every Tap**



**Protects Appliances &  
Improves Efficiency**



**Protect Your Family from  
Ingesting Toxin & Chemicals**



**Better, Healthier Cooking**

- Protect Appliances and Plumbing: Extend the life of household appliances & fixtures.
- Experience cleaner, better tasting water from every tap in the whole house or business.
- Easy to install: No drain line or electrical connections needed.
- In-and-Out Pressure gauges to monitor pressure drop & indicate service needed.

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