



Home Water Treatment Solutions



APPLIED MEMBRANES INC.®

Industry Leader in RO Expertise and Membrane Applications Since 1983™





HOME WATER TREATMENT SOLUTIONS

What's Inside?

POINT OF USE RO DRINKING WATER SYSTEMS

PuroSmart: Compact Faucet-Mount and Countertop RO	Page 3
AAA RO: Our "Classic" 5-Stage Under-Sink RO Systems	Page 4
RO+PH: Alkaline Mineral RO Systems – 6 Stage with Remineralization	Page 5
NTR "No Tools Required": Quick-Change (Twist-Off) Style RO System	Page 5



POINT OF USE RO + UF DRINKING WATER SYSTEMS

Under-Sink RO + UF Systems with Adjustable TDS Controls	Page 7
Enclosed Under-Sink RO + UF Systems with Adjustable TDS Controls	Page 8



POINT OF USE MICROBIOLOGICAL WATER TREATMENT SYSTEMS

Sola Pure UV + UF Complete Drinking Water System	Page 9
MicroPure UF Water Treatment for Bathrooms and Wash Basins	Page 9



POINT OF ENTRY WHOLE-HOUSE WATER FILTRATION SYSTEMS

Sediment, Chlorine, and Chemical Reduction	Page 11
Fine Sediment Reduction	Page 12
Iron & Manganese, Chemical & Sediment Reduction	Page 13
Lead, Hardness, Cyst, Chemical & Sediment Reduction	Page 14
Heavy Metal Toxins, Chemical & Sediment Reduction	Page 15
Anti-Scale System	Page 16





POINT OF USE DRINKING WATER TREATMENT

PuroSmart Compact RO Systems

THE MOST COMPACT RO AVAILABLE

The PuroSmart Reverse Osmosis System produces up to 50gpd using the most advanced water treatment technology available.

- Clean, Fresh Drinking Water from Your Kitchen Sink Faucet
- Easy to Use - No Permanent Installation Required
- High Quality, Great Tasting Water
- More Economical
- Slim, Portable, Compact Design
- Easy to Use and Store
- No More Heavy Bottles to Lift



FAUCET-MOUNT RO SYSTEM



PSFM50

HIGH FLOW (50 GPD) FAUCET-MOUNT RO SYSTEM

For direct installation onto faucet. It's easy to use: just replace the aerator on your kitchen faucet with the one provided with the PuroSmart. To connect the system, just press down on the white ring and push the system firmly on the faucet. A clicking sound lets you know the system is attached and ready to use. Once the PuroSmart has been thoroughly flushed, place a clean container in your sink and insert the tubing from the top side port of the system into your container. Simply turn on your faucet and your PuroSmart system will deliver high quality water for your entire family.

COUNTERTOP RO SYSTEM



PSCT50

HIGH FLOW (50 GPD) COUNTERTOP RO SYSTEM

PuroSmart Compact RO Systems are also available in counter-top configuration. To use, simply replace the aerator on your kitchen faucet with the diverter valve provided with your PuroSmart CounterTop Unit. Mount the PuroSmart on the plastic stand provided and make the connections as directed in the installation guide.

REPLACEMENT PARTS FOR PUROSMART RO

RECOMMENDED WITH FIRST PURCHASE:



502025-3

Carbon Filter 3-Pack
Order with the complete system to provide one year of water purification.

To upgrade your 15 GPD to a 50 GPD system, simply replace the RO Membrane element with 502026-HF, and the flow restrictor assembly with 502035-HF (Faucet Mount) or 502036-HF (countertop).

Part Number	Description	Recommended Replacement
502026	RO Membrane for 15 GPD System	Yearly
502026-HF	RO Membrane for 50 GPD System	Yearly
502025-3	Carbon Filter Replacements - 3-Pack	3 Months
502035*	Flow Restrictor Assembly -15 GPD Faucet Mount	Yearly
502036*	Flow Restrictor Assembly -15 GPD Countertop	Yearly
502035-HF*	Flow Restrictor Assembly -50 GPD Faucet Mount	Yearly
502036-HF*	Flow Restrictor Assembly -50 GPD Countertop	Yearly
502273	Quick Disconnect Coupling for Faucet Mount	As Needed
100274	Aerator Adapter for Faucet Mount	As Needed
502275-10	Diverter Valve for Countertop	As Needed

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5 Stage Reverse Osmosis Systems

5 STAGE UNDER-THE-COUNTER HOME RO SYSTEMS

Reverse osmosis technology combined with pre-and-post filtration to provides a continuous supply of clean, fresh drinking water. AMI RO systems remove up to 99% of contaminants including dissolved solids, chlorine & chemical contaminants, fluoride, bad tastes and odors, dirt & rust, and heavy metals to dispense great-tasting water (better than bottled!) on demand. Configured for automatic operation, AMI systems are assembled onto a mounting bracket and come with all components needed for under-sink installation.

Model	Flow Rate
AAA-RO-50	50 Gallons Per Day
AAA-RO-100	100 Gallons Per Day



5 STAGES OF WATER TREATMENT IN ONE COMPACT UNIT

- ◆ **Stage 1:** 5 Micron Sediment Filter removes dirt, rust, silt and other particles.
- ◆ **Stage 2 & 3:** Back-to-Back Carbon Block Cartridges remove chlorine and chemical contaminants, bad tastes and odors, and cloudiness.
- ◆ **Stage 4:** AMI® Thin Film RO Membrane element removes up to 99% of contaminants Arsenic, Barium, Cadmium, Chromium, Copper, Turbidity, Fluoride, Lead, Radium, Selenium, and TDS.
- ◆ **Stage 5:** Carbon polishing filter refreshes the flavor of the water as it is dispensed.

AAA-RO SYSTEM FEATURES (INCLUDED)



- Attractive Designer Lead-Free Long Reach Faucet
- 3 Gallon Plastic Storage Bladder Tank
- Complete set of Pre-Filter Cartridges, RO Membrane, & Post Filter installed
- Quick-Connect Fittings for Easier Replacement of Components
- Configured for automatic operation: feed line closes when the tank is full and opens to refill when the tank is low
- No electrical connection needed – the system operates off the water line pressure
- Includes 3/8" and 1/2" feed adapters for compatibility with most residential sinks
- Assembled onto a Mounting Bracket and Ready for Under-Sink Installation
- Installation Kit Including Feed and Discharge Connectors, Color-Tubing for Installation, Filter Housing Wrenches, Mounting Equipment, Faucet Bracket, Spare O-Rings, Fittings & Clips
- Designed, Assembled & Quality-Tested in USA
- Genuine AMI Membrane (Models M-T1812A50 50 or M-T1812A100) Made in USA in our ISO Certified facilities and certified to NSF/ANSI 58 for the reduction of Arsenic, Barium, Cadmium, Chromium (Hexavalent), Chromium (Trivalent), Copper, Cysts, Turbidity, Fluoride, Lead, Radium 226/228, Selenium, and TDS
- Approximate System Dimensions: 16"x15.5"x6.5"; Tank Dimensions 12" x 12"; 1/4" Line Size





Alkaline Water RO Systems

6 STAGE UNDER-THE-COUNTER HOME RO SYSTEM WITH ALKALINE MINERALS

Reverse osmosis technology combined with pre-and-post filtration to provides a continuous supply of clean, fresh pH balanced mineral water. AMI RO and filtration removes up to 99% of contaminants, then the water is passed through an alkaline mineral cartridge to remineralize the water, dispensing great-tasting water (better than bottled!) on demand. Configured for automatic operation, AMI systems are assembled onto a mounting bracket and come with all components needed for under-sink installation.



Model	Flow Rate
AAA-ROPH-50	50 Gallons Per Day



5 STAGES OF WATER TREATMENT IN ONE COMPACT UNIT

- ◆ **Stage 1:** 5 Micron Sediment Filter removes dirt, rust, silt, and other particles.
- ◆ **Stage 2 & 3:** Back-to-Back Carbon Block Cartridges remove chlorine and chemical contaminants, bad tastes and odors, and cloudiness.
- ◆ **Stage 4:** AMI® Thin Film RO Membrane element removes up to 99% of contaminants Arsenic, Barium, Cadmium, Chromium, Copper, Turbidity, Fluoride, Lead, Radium, Selenium, and TDS.
- ◆ **Stage 5:** Carbon polishing filter refreshes the flavor of the water as it is dispensed.
- ◆ **Stage 6:** Alkaline Minerals cartridge remineralizes the water and raises the pH.

AAA-ROPH SYSTEM FEATURES (INCLUDED)



- Attractive Designer Lead-Free Long Reach Faucet
- 3 Gallon Plastic Storage Bladder Tank
- Complete set of Pre-Filter Cartridges, RO Membrane, & Post Filter installed
- Quick-Connect Fittings for Easier Replacement of Components
- Configured for automatic operation: feed line closes when the tank is full and opens to refill when the tank is low
- No electrical connection needed – the system operates off the water line pressure
- Includes 3/8" and 1/2" feed adapters for compatibility with most residential sinks
- Assembled onto a Mounting Bracket and Ready for Under-Sink Installation
- Installation Kit Including Feed and Discharge Connectors, Color-Tubing for Installation, Filter Housing Wrenches, Mounting Equipment, Faucet Bracket, Spare O-Rings, Fittings & Clips
- Designed, Assembled & Quality-Tested in USA. RO Membrane is Made in USA in our ISO Certified facilities
- Genuine AMI Membrane (Models M-T1812A50 or M-T1812A100) Made in USA in our ISO Certified facilities and certified to NSF/ANSI 58 for the reduction of Arsenic, Barium, Cadmium, Chromium (Hexavalent), Chromium (Trivalent), Copper, Cysts, Turbidity, Fluoride, Lead, Radium 226/228, Selenium, and TDS
- Approximate System Dimensions: 16"x15.5"x6.5"; Tank Dimensions 12" x 12"; 1/4" Line Size





POINT OF USE DRINKING WATER TREATMENT

NTR™ Quick-Change RO Systems

AMI NTR™ No-Tools-Required RO Systems provide clean, fresh drinking water and quick and easy maintenance. The self-encapsulated filter and membranes are removed and replaced with a simple ¼ turn, while the internal valve shuts off the flow automatically when the cartridge is removed.



- ◆ No Wrenches! Filter & Membrane Cartridges are connected and removed with a simple 1/4 turn.
- ◆ No Mess! Automatic shut-off when cartridges are removed.
- ◆ No Fuss! No need to disconnect tubing when replacing membranes.
- ◆ Hinged bracket aids cartridge replacement.
- ◆ Quick connect fittings for easy installation.
- ◆ Cartridges have double o-rings so they will not leak.
- ◆ Valves are built into the heads to prevent back-flow for water quality assurance.



ORDERING INFORMATION

Model Number: **NTR-RO-50**

Flow Rate: 50 Gallons Per Day

4 STAGES OF FILTRATION

- ◆ **Stage 1** (Red): 5 Micron Sediment Filter to remove dirt, rust and other suspended particles
- ◆ **Stage 2** (Yellow): Carbon Block Filter Cartridge to remove chlorine, taste and odor
- ◆ **Stage 3** (Green): Thin Film Reverse Osmosis Membrane to remove 99% of dissolved solids
- ◆ **Stage 4** (Blue): GAC Post Filter for final polishing of taste and odor



Each system ships with a long reach chrome faucet, 4-gallon metal storage tank, complete installation kit and detailed product manual.

REPLACEMENT FILTER AND MEMBRANE CARTRIDGES

Stage	Model Number	Description	Label Color	Recommended Replacement
1	NTR-50S	5 Micron Sediment Pre-Filter	Red	6 Months
2	NTR-50C	Extruded Carbon Pre-Filter	Yellow	6 Months
3	NTR-50M	50 GPD RO Membrane Element	Green	12 Months
4	NTR-50P	GAC Post-Filter	Blue	12 Months



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POINT OF USE DRINKING WATER TREATMENT

RO + UF Water Treatment Systems

AMI HOME RO + UF WATER TREATMENT SYSTEMS WITH ADJUSTABLE TDS CONTROLS



CUSTOMIZE YOUR WATER - AMI Mineral RO + UF Water Filtration Systems take home reverse osmosis water treatment to the next level by allowing you to customize the TDS and mineral content of your water and perfect your flavor. Turn the valve clockwise to lower the TDS for high purity water, or counterclockwise to increase mineral content and flavor. The water is then filtered with an advanced hollow fiber ultrafiltration membrane to safeguard against any harmful contaminants without removing the minerals.



AMI ULTRA – 6 STAGE RO + UF SYSTEM WITH ADJUSTABLE TDS CONTROLS



FEATURES:

- RO + UF Membranes
- Adjustable TDS Control
- Sediment & Carbon Prefilters
- Carbon Polishing Filter
- Designer Long-Reach Faucet
- 3 Gallon Storage Tank
- TDS Meter Included
- Wall-Mountable Bracket
- Automatic Operation
- Quick-Connect Inlets & Outlets
- Complete Installation Kit

Model:	HD-10UL
Capacity:	75 gpd (284 lpd)
Removes:	Sediment, Dirt, Rust, Sand Chlorine & Chemicals Bad Tastes & Odors Up to 99% of Total Dissolved Solids Harmful Contaminants
6 Stages:	1. 5 Micron Sediment 2. Carbon Block 3. Carbon Block 4. Reverse Osmosis 5. Ultrafiltration 6. Polishing Filter
System Dims:	17.7"H x 14.3"L x 5.3"W
Tank Dims:	14.5"H x 9.25" Dia.
Line & Conn:	1/4" Quick Connect

AMI PURE-PLUS – RO + UF +UV SYSTEM WITH ADJUSTABLE TDS CONTROLS & BOOSTER PUMP



FEATURES:

- RO + UF Membranes
- Ultraviolet Disinfection
- UV Lamp Dims When Not in Use
- Adjustable TDS Control
- Feed Booster Pump
- Sediment & Carbon Prefilters
- Carbon Polishing Filter
- Designer Long-Reach Faucet
- 3 Gallon Storage Tank
- Wall-Mountable Enclosed Bracket
- Automatic Operation
- Quick-Connect Inlets & Outlets
- Complete Installation Kit

Model:	HD-22PP
Capacity:	75 gpd (284 lpd)
Removes:	Sediment, Dirt, Rust, Sand Chlorine & Chemicals Bad Tastes & Odors Up to 99% of Total Dissolved Solids 99.99% of Bacteria, Virus, Protozoa, and Parasites Harmful Contaminants
7 Stages:	1. 5 Micron Sediment 2. Carbon Block 3. Carbon Block 4. Reverse Osmosis 5. Ultrafiltration 6. Ultraviolet Disinfection 7. Polishing Filter
System Dims:	20.5"H x 15.3"L x 7.8"W
Tank Dims:	14.5"H x 9.25" Dia.
Line & Conn:	1/4" Quick Connect



POINT OF USE DRINKING WATER TREATMENT

RO + UF Water Treatment Systems

AMI HOME RO + UF WITH ADJUSTABLE TDS CONTROLS

CUSTOMIZE YOUR WATER - AMI Mineral RO + UF Water Filtration Systems take home reverse osmosis water treatment to the next level by allowing you to customize the TDS and mineral content of your water and perfect your flavor. Turn the valve clockwise to lower the TDS for high purity water, or counterclockwise to increase mineral content and flavor. The water is then filtered with an advanced hollow fiber ultrafiltration membrane to safeguard against any harmful contaminants without removing the minerals.



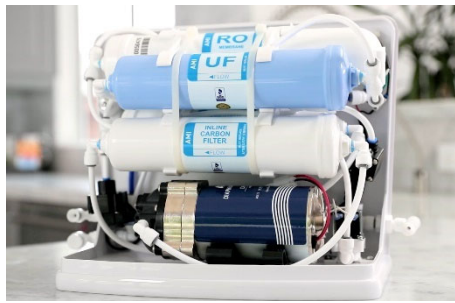
AMI DELUXE – 5 STAGE ENCLOSED RO + UF SYSTEM WITH TDS CONTROL & BOOSTER PUMP



FEATURES:

- RO + UF Membranes
- Adjustable TDS Control
- Feed Booster Pump
- Sediment & Carbon Prefilters
- Carbon Polishing Filter
- Designer Long-Reach Faucet
- 3 Gallon Storage Tank
- Assembled in a Wall-Mountable Enclosure
- Automatic Operation
- Quick-Connect Inlets & Outlets
- Encapsulated Membranes & Filters
- Complete Installation Kit

Model:	HD-75DE
Capacity:	75 gpd (284 lpd)
Removes:	Sediment, Dirt, Rust, Sand Chlorine & Chemicals Bad Tastes & Odors Up to 99% of Total Dissolved Solids Harmful Contaminants
5 Stages:	1. 5 Micron Sediment 2. Carbon Block 3. Reverse Osmosis 4. Ultrafiltration 5. Polishing Filter
System Dims:	11.2"H x 16.1"L x 8.8"W
Tank Dims:	14.5"H x 9.25" Dia.
Line & Conn:	1/4" Quick Connect



AMI DELUXE 6 STAGE ENCLOSED RO + UF + UV SYSTEM WITH TDS CONTROL & BOOSTER PUMP



FEATURES:

- High Flow RO + UF Membranes
- Ultraviolet Disinfection
- Adjustable TDS Control
- UV Lamp Dims When Not in Use
- Feed Booster Pump
- Sediment & Carbon Prefilters
- Carbon Polishing Filter
- Designer Long-Reach Faucet
- 3 Gallon Storage Tank
- Assembled in a Space-Saving Enclosure
- Automatic Operation
- Quick-Connect Inlets & Outlets
- Encapsulated Membranes & Filters
- Complete Installation Kit

Model:	HD-81UM
Capacity:	125 gpd (473 lpd)
Removes:	Sediment, Dirt, Rust, Sand Chlorine & Chemicals Bad Tastes & Odors Up to 99% of Total Dissolved Solids 99.99% of Bacteria, Virus, Protozoa, and Parasites Harmful Contaminants
5 Stages:	1. 5 Micron Sediment 2. Carbon Block 3. Reverse Osmosis 4. Ultrafiltration 5. Ultraviolet Disinfection 6. Polishing Filter
System Dims:	11.7"H x 16.1"L x 10.4"W
Tank Dims:	14.5"H x 9.25" Dia.
Line & Conn:	1/4" Quick Connect



Smart Energy-Saving Design!

The Smart UV dims the lamp when not in use – saving electricity and eliminating the "hot water blast".

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POINT OF USE DRINKING WATER TREATMENT

Microbiological Water Treatment

SIMPLE AND RELIABLE MICROBIOLOGICAL WATER TREATMENT

AMI all-new ultrafiltration water treatment systems are available in two designs. The Sola Pure is a complete drinking water system which combines Ultraviolet and Ultrafiltration Water Treatment with Carbon & Sediment Filtration. The Micro Pure is a single-stage ultrafilter ideal for use on bathroom sinks to ensure safe water for grooming and brushing teeth. Because both systems operate without a drain line or external storage tank, installation is fast and easy.

Both Sola Pure and Micro Pure provide reliable rejection of microorganisms and viruses, and operate at 100% Recovery – meaning ZERO water wasted, and no drain line to install.



AMI SOLA PURE 5 STAGE ENCLOSED UF + UV COMPLETE DRINKING WATER SYSTEM



FEATURES:

- Ultraviolet Disinfection
- High Flow UF Membranes
- Sediment & Carbon Prefilter
- Carbon Polishing Filter
- UV Lamp Dims When Not in Use
- Zero Waste Water
- No Drain Line to Install
- Designer Long-Reach Faucet
- Pre-Plumbed Internal Tank
- Simple In-and-Out Connections
- Space-Saving Enclosure
- Automatic Operation
- Encapsulated Membranes & Filters
- Complete Installation Kit
- Installs with Just 2 Connections:
 - Raw Water In
 - Purified Water Out

Model:	HD-35SP
Capacity:	125 gpd (473 lpd)
Removes:	Sediment, Dirt, Rust, Sand Chlorine & Chemicals Bad Tastes & Odors Up to 99% of Total Dissolved Solids 99.99% of Bacteria, Virus, Protozoa, and Parasites Harmful Contaminants
5 Stages:	1. 5 Micron Sediment 2. Carbon Block 3. Reverse Osmosis 4. Ultrafiltration 5. Ultraviolet Disinfection 6. Polishing Filter
System Dims:	11.7"H x 16.1"L x 10.4"W
Tank Dims:	14.5"H x 9.25" Dia.
Line & Conn:	1/4" Quick Connect

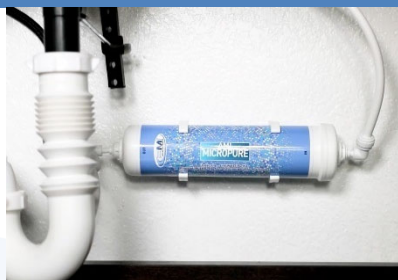


Smart Energy-Saving Design!

The Smart UV dims the lamp when not in use – saving electricity and eliminating the "hot water blast".



AMI MICROPURE ULTRAFILTER FOR BATHROOM SINKS



FEATURES:

- Provides Reliable Rejection of Microorganisms and Viruses to make water safe for brushing teeth and washing face.
- Simple installation on the cold water line; no secondary faucet or drain line

Model:	HD-43MP
Removes:	Microorganisms & Viruses
Filtration Type:	Ultrafiltration
Pore Size:	0.01 to 0.1 microns
Life Span:	2 Years (depending on usage)
Source Water:	Tap/Municipal

Includes Micropure Ultrafilter, 3 ft. Pipe/Tubing, 2 female adapters, Union Push-In Connector, Wall-Mount Clamp, Screws & Anchors, Elbow Reducers and User Manual.

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AMI® FILTERS

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.



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	5 Micron H-F20BB05CF-SED	1 Micron H-F20BB01CF-SED
FA-210BB-5C-1	2	10" BB	Fine Sediment Reduction	5 Micron H-F10BB05CF-SED	1 Micron 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.





AMI® FILTERS
WHOLE HOUSE WATER FILTRATION

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.



AMI® FILTERS

WHOLE HOUSE WATER FILTRATION

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.

APPLIED MEMBRANES INC.®
Industry Leader in RO Expertise and Membrane Applications Since 1983™





ami® FILTERS
WHOLE HOUSE WATER FILTRATION

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 you 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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Industry Leader in RO Expertise and Membrane Applications Since 1983™





AMI® FILTERS WHOLE HOUSE WATER FILTRATION

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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