

4 Stage Simple-Change™ Reverse Osmosis Systems

AMI Simple-Change™ 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.
- WQA Gold Seal Certified to NSF/ANSI Std. 58.

- **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

Ordering Information

Simple-Change™ RO Systems are available in 50 GPD and 100 GPD models. Please select the appropriate model below.

Model No.	Flow Rate	Cartridge Length
50SC	50 GPD	11"
100SC	100 GPD	13"

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



Replacement Cartridge Kits

Filter replacement packs are available for order, as well as the individual cartridges. One-year filter packs contain a one-year supply of cartridges:

- (2) Pre-Sediment Filters (change every 6 months)
- (2) Pre-Carbon Filters (change every 6 months)
- (1) Membrane Element (change every 12 months)
- (1) Post-Carbon Filter (change every 12 Months)

Kit Part #	For System	Cartridge Length
RSC-50YEAR	50SC	11"
RSC-100YEAR	100SC	13"



Individual Replacement Cartridges

For System	Cartridge Length	Replacement Cartridge Model Numbers			
		Pre-Sediment (red)	Pre-Carbon (yellow)	Membrane (green)	Post-Carbon (blue)
50SC	11"	RSC-50S	RSC-50C	RSC-50M	RSC-50P
100SC	13"	RSC-100S	RSC-100C	RSC-100M	RSC-100P

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AMI® Point of Use Water Treatment

5 Stage Reverse Osmosis Systems

AMI Point of Use RO Systems provide a continuous supply of clean, fresh drinking water. Systems are assembled on a heavy-duty SS bracket for wall-mounting under the sink or in a nearby location.



- Eliminate up to 99% of dissolved solids, chlorine, fluoride, microorganisms and heavy metals such as barium, cadmium, chromium, lead and mercury from your water. Use RO purified water for drinking, cooking & ice for improved flavor and increased health benefits.
- System can be used to supply filtered water to a refrigerator ice-maker/water-dispenser by inserting a branch tee fitting (sold separately) between the post filter and the faucet.
- Systems are equipped with automatic shut-off valves to eliminate waste by closing the feed line when the tank is full.
- Quick-Connect in/out connection points for easy installation. Complete installation kit and product manual included with every system.

System Dimensions: 16"W x 17.5"H x 6"D • Tank Dimensions: 11" dia x 15"H

- **Stage 1:** 5M Sediment Filter in a clear housing with flat cap and ¼" FNPT connections
- **Stage 2:** Carbon Block Cartridge in a white housing with flat cap and ¼" FNPT connections
- **Stage 3:** Carbon Block Cartridge in a white housing with flat cap and ¼" FNPT connections
- **Stage 4:** AMI® Thin Film RO Membrane element in white membrane housing with ⅜" FNPT connections
- **Stage 5:** In-line GAC Filter for final polishing of taste and odor, ¼" quick connect in/out connections

Ordering Information

AAA series units are available in several flow rates to meet your water usage needs. Please select the appropriate model below.

Model No.	System Flow Rate
AAA-125	12 Gallons per Day
AAA-245	24 Gallons per Day
AAA-365	36 Gallons per Day
AAA-505	50 Gallons per Day

Model No.	System Flow Rate
AAA-755	75 Gallons per Day
AAA-1005	100 Gallons per Day
AAA-2005NT*	200 Gallons per Day

*Storage Tank not included in 200GPD unit. A larger storage tank (sold separately) is recommended for this unit.

Standard Installation Kit (Included)

1. 4 Gal. Storage Tank*	①		②		③		④	
2. Tank Valve*								
3. Faucet Kit								
4. Feed Adapter Kit								
5. Drain Saddle								
6. Filter Wrench								
7. Tubing (color-coded)								
8. Installation & Operation Manual								

Blue, Yellow, Orange, Black

*Storage Tank not included in 200GPD unit. A larger storage tank (sold separately) is recommended for this unit.

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AMI® Point of Use Water Treatment

5 Stage RO Systems with Booster Pump

AMI Point of Use RO Systems provide a continuous supply of clean, fresh drinking water. These systems include a booster pump to raise the pressure of the feed water and are the ideal choice when the incoming water pressure is less than 40 PSI. Systems are assembled on a heavy-duty SS bracket for wall-mounting under the sink or in a nearby location.



System Dimensions: 16"W x 19.5"H x 6"D • Tank Dimensions: 11" dia x 15"H

- Eliminate up to 99% of dissolved solids, chlorine, fluoride, microorganisms and heavy metals such as barium, cadmium, chromium, lead and mercury from your water. Use RO purified water for drinking, cooking & ice for improved flavor and increased health benefits.
- System can be used to supply filtered water to a refrigerator ice-maker/water-dispenser by inserting a branch tee fitting (sold separately) between the post filter and the faucet.
- Systems are equipped with automatic shut-off valves to eliminate waste by closing the feed line when the tank is full.
- Quick-Connect in/out connection points for easy installation. Complete installation kit and product manual included with every system.

- **Stage 1:** 5M Sediment Filter in a clear housing with flat cap and ¼" FNPT connections
- **Stage 2:** Carbon Block Cartridge in a white housing with flat cap and ¼" FNPT connections
- **Stage 3:** Carbon Block Cartridge in a white housing with flat cap and ¼" FNPT connections
- **Stage 4:** AMI® Thin Film RO Membrane element in white membrane housing with ⅜" FNPT connections
- **Stage 5:** In-line GAC Filter for final polishing of taste and odor, ¼" quick connect in/out connections

Ordering Information

Model No.	System Flow Rate
AAA-125P*	12 Gallons per Day
AAA-245P*	24 Gallons per Day
AAA-365P*	36 Gallons per Day

Model No.	System Flow Rate
AAA-505P*	50 Gallons per Day
AAA-755P*	75 Gallons per Day
AAA-1005P*	100 Gallons per Day

*Please add our voltage code to the end of the model number when ordering. Example: AAA-505PU
 U = USA: 110-115v/ 60Hz • J = Japan: 100v/50-60Hz • E = Europe: 230v/50Hz

Standard Installation Kit (Included)

1. 4 Gal. Storage Tank
2. Tank Valve
3. Faucet Kit
4. Feed Adapter Kit
5. Drain Saddle
6. Filter Wrench
7. Tubing (color-coded)
8. Installation & Operation Manual



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AMI® Point of Use Water Treatment

6 Stage RO Systems with Ultraviolet Sterilization

AMI Point of Use RO Systems provide a continuous supply of clean, fresh drinking water and incorporate an ultraviolet post-filtration system to sterilize the water. Systems are assembled on a heavy-duty SS bracket for wall-mounting under the sink or in a nearby location.



System Dimensions: 16"W x 19.5"H x 6"D • Tank Dimensions: 11" dia x 15"H

- Eliminate up to 99% of dissolved solids, chlorine, fluoride, microorganisms and heavy metals such as barium, cadmium, chromium, lead and mercury from your water. UV provides 99.99% destruction of bacteria, virus & protozoan cysts. Use RO purified water for drinking, cooking & ice for improved flavor and increased health benefits.
- System can be used to supply filtered water to a refrigerator ice-maker/water-dispenser by inserting a branch tee fitting (sold separately) between the post filter and the faucet.
- Systems are equipped with automatic shut-off valves to eliminate waste by closing the feed line when the tank is full.
- Quick-Connect in/out connection points for easy installation. Complete installation kit and product manual included with every system.

- **Stage 1:** 5M Sediment Filter in a clear housing with flat cap and ¼" FNPT connections
- **Stage 2:** Carbon Block Cartridge in a white housing with flat cap and ¼" FNPT connections
- **Stage 3:** Carbon Block Cartridge in a white housing with flat cap and ¼" FNPT connections
- **Stage 4:** AMI® Thin Film RO Membrane element in white membrane housing with ⅛" FNPT connections
- **Stage 5:** In-line GAC Filter for final polishing of taste and odor, ¼" quick connect in/out connections
- **Stage 6:** The water runs through a UV disinfection system just before dispensing from the faucet for 99.99% destruction of bacteria, virus & protozoan cysts.

Ordering Information

Model No.	System Flow Rate
AAA-126UV*	12 Gallons per Day
AAA-246UV*	24 Gallons per Day
AAA-366UV*	36 Gallons per Day

Model No.	System Flow Rate
AAA-506UV*	50 Gallons per Day
AAA-756UV *	75 Gallons per Day
AAA-1006UV *	100 Gallons per Day

*Please add our voltage code to the end of the model number when ordering. Example: AAA-506UVU

U = USA: 110-115v/ 60Hz • J = Japan: 100v/50-60Hz • E = Europe: 230v/50Hz

Standard Installation Kit (Included)

1. 4 Gal. Storage Tank		2. Tank Valve		3. Faucet Kit		4. Feed Adapter Kit	
5. Drain Saddle		6. Filter Wrench		7. Tubing (color-coded)		8. Installation & Operation Manual	

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AMI® Point of Use Water Treatment

6 Stage RO Systems with Ultraviolet & Booster Pump

AMI Point of Use RO Systems provide a continuous supply of clean, fresh drinking water and incorporate an ultraviolet post-filtration system to sterilize the water. These systems include a booster pump to raise the pressure of the feed water and are the ideal choice when the incoming water pressure is less than 40 PSI. Systems are assembled on a heavy-duty SS bracket for wall-mounting under the sink or in a nearby location.



- Eliminate up to 99% of dissolved solids, chlorine, fluoride, microorganisms and heavy metals such as barium, cadmium, chromium, lead and mercury from your water. UV provides 99.99% destruction of bacteria, virus & protozoan cysts. Use RO purified water for drinking, cooking & ice for improved flavor and increased health benefits.
- System can be used to supply filtered water to a refrigerator ice-maker/water-dispenser by inserting a branch tee fitting (sold separately) between the post filter and the faucet.
- Systems are equipped with automatic shut-off valves to eliminate waste by closing the feed line when the tank is full.
- Quick-Connect in/out connection points for easy installation. Complete installation kit and product manual included with every system.

System Dimensions: 16"W x 21.5"H x 6"D • Tank Dimensions: 11" dia x 15"H

- **Stage 1:** 5M Sediment Filter in a clear housing with flat cap and ¼" FNPT connections
- **Stage 2:** Carbon Block Cartridge in a white housing with flat cap and ¼" FNPT connections
- **Stage 3:** Carbon Block Cartridge in a white housing with flat cap and ¼" FNPT connections
- **Stage 4:** AMI® Thin Film RO Membrane element in white membrane housing with ⅜" FNPT connections
- **Stage 5:** In-line GAC Filter for final polishing of taste and odor, ¼" quick connect in/out connections
- **Stage 6:** The water runs through a UV disinfection system just before dispensing from the faucet for 99.99% destruction of bacteria, virus & protozoan cysts.

Ordering Information

Model No.	System Flow Rate
AAA-126P*-UV	12 Gallons per Day
AAA-246P*-UV	24 Gallons per Day
AAA-366P*-UV	36 Gallons per Day

Model No.	System Flow Rate
AAA-506P*-UV	50 Gallons per Day
AAA-756P*-UV	75 Gallons per Day
AAA-1006P*-UV	100 Gallons per Day

*Please add our voltage code to the model number when ordering. Example: AAA-506PU-UV
 U = USA: 110-115v/ 60Hz • J = Japan: 100v/50-60Hz • E = Europe: 230v/50Hz

Standard Installation Kit (Included)

1. 4 Gal. Storage Tank
2. Tank Valve
3. Faucet Kit
4. Feed Adapter Kit
5. Drain Saddle
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AMI® Point of Use Water Treatment

4 Stage Reverse Osmosis Systems

AMI Point of Use RO Systems provide a continuous supply of clean, fresh drinking water. Systems are assembled on a heavy-duty SS bracket for wall-mounting under the sink or in a nearby location.



System Dimensions: 14"W x 16"H x 6"D • Tank Dimensions: 11" dia x 15"H

- Eliminate up to 99% of dissolved solids, chlorine, fluoride, microorganisms and heavy metals such as barium, cadmium, chromium, lead and mercury from your water. Use RO purified water for drinking, cooking & ice for improved flavor and increased health benefits.
- System can be used to supply filtered water to a refrigerator ice-maker/water-dispenser by inserting a branch tee fitting (sold separately) between the post filter and the faucet.
- Systems are equipped with automatic shut-off valves to eliminate waste by closing the feed line when the tank is full.
- Quick-Connect in/out connection points for easy installation. Complete installation kit and product manual included with every system.

- **Stage 1:** 5M Sediment Filter in a clear housing with flat cap and ¼" FNPT connections
- **Stage 2:** Carbon Block Cartridge in a white housing with flat cap and ¼" FNPT connections
- **Stage 3:** AMI® Thin Film RO Membrane element in white membrane housing with ⅜" FNPT connections
- **Stage 4:** In-line GAC Filter for final polishing of taste and odor, ¼" quick connect in/out connections

Ordering Information

AAA series units are available in several flow rates to meet your water usage needs. Please select the appropriate model below.

Model No.	System Flow Rate
AAA-124	12 Gallons per Day
AAA-244	24 Gallons per Day
AAA-364	36 Gallons per Day

Model No.	System Flow Rate
AAA-504	50 Gallons per Day
AAA-754	75 Gallons per Day
AAA-1004	100 Gallons per Day

Standard Installation Kit (Included)

1. 4 Gal. Storage Tank	1		2. Tank Valve	2		3. Faucet Kit	3		4. Feed Adapter Kit	4	
5. Drain Saddle	5		6. Filter Wrench	6		7. Tubing (color-coded)	7		8. Installation & Operation Manual	8	

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Spare Parts for AAA Series Under the Counter RO Sys.

Replacement Filter Kits

Model Number	Description	Image
RFK-5	Replacement Filter Cartridge Kit for 5 Stage & 6 Stage AAA Series Systems Includes: (1) 5 Micron Sediment H-F1005CF, (2) 10 Micron Carbon Block H-F2510AC, and (1) GAC In-Line Post Filter H-F1032-43QC. <i>Membrane sold separately.</i> <i>Recommended Change-Out Schedule: Filter Cartridges every 6 months; Membrane Elements Yearly.</i>	
RFK-5-PRE	Replacement Pre-Filter Only Filter Cartridge Kit for 5 Stage & 6 Stage AAA Series Systems Includes: (1) 5 Micron Sediment H-F1005CF and (2) 10 Micron Carbon Block H-F2510AC. <i>Membrane sold separately.</i> <i>Recommended Change-Out Schedule: Filter Cartridges every 6 months; Membrane Elements Yearly.</i>	
RSC-50YEAR	Replacement Membrane & Filter Cartridge Kit for 50SC 50 GPD Simple-Change™ System Includes a 1 year supply* of replacements: (2) Pre-Sediment Filters RSC-50S, (2) Pre-Carbon Filters RSC-50C, (1) RO Membrane RSC-50M, (1) Post-Carbon RSC-50P. <i>*Recommended Change-Out Schedule: Prefilters Every 6 mo.; Membrane & Post-Carbon Yearly.</i>	
RSC-100YEAR	Replacement Membrane & Filter Cartridge Kit for 100SC 100 GPD Simple-Change™ System Includes a 1 year supply* of replacements: (2) Pre-Sediment Filters RSC-100S, (2) Pre-Carbon Filters RSC-100C, (1) RO Membrane RSC-100M, (1) Post-Carbon RSC-100P. <i>*Recommended Change-Out Schedule: Prefilters Every 6 mo.; Membrane & Post-Carbon Yearly.</i>	

Membranes & Filters (for AAA units)		
Membrane Elements		
M-T1512A12 – 12 GPD	M-T1812A50 – 50 GPD	
M-T1812A24 – 24 GPD	M-T1812A75 – 75 GPD	
M-T1812A36 – 36 GPD	M-T1812A100 – 100 GPD	
Sediment Filter	Carbon Pre-Filter	Filter Housing
H-F1005CF	H-F2510AC	H-H14FWW33
Carbon Post-Filter	Membrane Housing	
H-F1032-43QC	PV2012PME	

Replacement Components		
Tank	Tank Valve	Feed Ball Valve
H-S4010ANW	H-S4044QC	PPSV010822W
Filter Wrench	Housing Clip	Post-Filter Clip
H-C9200	H-J2028PW	H-J2021KW
Tubing (500' Roll):		
Blue:	PE-08-BI-0500FB	
Yellow:	PE-08-BI-0500FY	
Orange:	PE-08-BI-0500FO	
Black:	PE-08-BI-0500FE	
White:	PE-08-BI-0500FW	

Replacement Components		
Flow Restrictors		
H-R2051QC – 12 GPD	H-R2065QC – 50 GPD	
H-R2062QC – 24 GPD	H-R2069QC – 75 GPD	
H-R2064QC – 36 GPD	H-R1000QC – 100 GPD	
Faucet	Drain Saddle	Auto Shut-Off
H-T5019	H-D3000M	H-V1050W-QC

Replacement Fittings	
Union Tee	Straight
PI0208S	PI010822S
Stem Adapter	Male Elbow
PI050822S	1/4" x 1/4": PI480821S 1/4" x 1/8": PI480822S

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Countertop Water Filtration Systems

AMI Countertop Water Filtration Kits require very minimal installation and filter water directly from the tap. The system sits beside the sink and uses a diverter valve attached to the faucet to supply feed water. The single-cartridge system removes sediment and chlorine as well as objectionable taste and odor from your tap water.



- Fully Assembled with a 10 Micron Extruded Carbon Filter Cartridge to Remove:
 - Sediment
 - Chlorine
 - Organics
 - Color
 - Tannin
 - Objectionable tastes and odors
- Dispensing Spout is Attached Directly to the System – No Need to Drill a Hole in the Sink or Drain Line.
- 100% System Recovery – No Wasted Water
- Portable and Reusable, Can be Moved from Sink to Sink with Ease
- System includes: Filter Cartridge & Housing, 8" Chrome Dispensing Spout, Faucet Diverter Valve, and 4 feet of white ¼" Tubing.
- Approximate Size of System: 12.5"H x 4.5" Diameter Base (10"W at the widest point)

Ordering Information

Model No.	Description
H-H4500CT	Complete Countertop System with White Filter Housing (shown in photo)
H-H4500CTCL	Countertop System with Clear Filter Housing (not shown)

Standard Installation Kit (Included)

- Chrome diverter valve attaches to a standard threaded faucet. An external adapter is also supplied for threadless faucets. The handle on the valve allows you to switch the water flow back and forth from the sink to the filter without disconnecting the valve.
- White ¼" tubing, (approx. 4 ft.) for connecting the filter feed to the sink faucet.
- Filter wrench for easy filter cartridge change out.



Replacement Components

Replacement Filter	Diverter Valve	Faucet	Tubing (500' Roll)	Filter Wrench
				
H-F2510AC	H-V1200	H-H4500CTSP	PE-08-BI-0500FW	H-C9200BK

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AMI[®] Point of Entry Water Treatment

Whole House Carbon and Sediment Filter Assemblies

AMI point of entry filter systems provide filtered water to an entire home or business facility. Available in 10" or 20" sizes, and two or three stage configurations. Pressure relief housings and inlet/outlet shut-off valves included for easier filter replacement.

Specifications:

- Maximum Flow Rate: 10" Filters: 6 GPM; 20" Filters: 10 GPM
- Maximum Water Temperature: 90°F
- Maximum Water Pressure: 80 psi
- In/Out Connections: 1" FNPT

Filter Types:

- **Fine Sediment:** First stage 5 micron filter catches the larger particles in the water stream, and a second stage filters down to 1 micron.
- **Sediment & Carbon:** First stage 5 micron filter removes sediment from water, second (and third) stage carbon filter removes chlorine, organics, color, tannin, and objectionable tastes and odors.
- *Other filter cartridge combinations or assemblies without cartridges are available upon request.*



Model No.	Filter Type	# of Stages	Filter Length	Filter #1	Filter #2	Filter #3
FA-210BB-51	Fine Sediment	2	10"	5 Micron H-F10BB05CF	1 Micron H-F10BB01CF	n/a
FA-210BB-5C	Sediment & Carbon	2	10"	5 Micron H-F10BB05CF	Carbon Block H-F4210AC	n/a
FA-220BB-51	Fine Sediment	2	20"	5 Micron H-F20BB05CF	1 Micron H-F20BB01CF	n/a
FA-220BB-5C	Sediment & Carbon	2	20"	5 Micron H-F20BB05CF	Carbon Block H-F4220AC	n/a
FA-310BB-5CC	Sediment & Carbon	3	10"	5 Micron H-F10BB05CF	Carbon Block H-F4210AC	Carbon Block H-F4210AC
FA-320BB-5CC	Sediment & Carbon	3	20"	5 Micron H-F20BB05CF	Carbon Block H-F4220AC	Carbon Block H-F4220AC



10" Double



20" Double



10" Triple



20" Triple

Optional Equipment: In/Out Pressure Gauges

Model No.: A624

In and Out pressure gauges may be added on in order to monitor differential pressure of the filter system, to indicate when the filters need to be replaced. To include these in your system, add model number A624 to your order. Includes (2) 0-100 psi pressure gauges and installation tees.



Model Number A624

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Anti-Scale Water Heater Systems & Leak Controllers

Anti-Scale Systems for Tankless Water Heaters or Whole-House Scale Protection

- Prevent scale formation to improve efficiency and prolong the life of your water heater, household appliances, or other downstream equipment.
- The fully assembled, ready to install system is supplied complete with:
 - 20" Filter Housing with ¾" In/Out Connectors
 - Anti-Scale Filter Cartridge
 - Heavy Duty Steel Mounting Bracket
 - Inlet Ball Valve, Pressure Relief Button & Filter Wrench for Easy Cartridge Change-Out.
- Operating Limits: MAX Pressure: 90psi (6.3kg/cm²);
MAX Temperature: 100°F(38°C)
- Service Flow Rate: 0.5 to 10 gpm (1.9 to 38 lpm)
- Capacity: up to 6gpm, 24/7/365 for 2 years*
- Approximate Dimensions: 29"H x 7.5"W x 7.5"D



Model No. FA-120BB-S

*Cartridge should be replaced every two years.

Replacement cartridge: C-C4220-NS

Leak Controller – Water Alarm and Shut-Off System to Defend Against Water Damage

Upon sensing moisture, Leak Controller will engage the shut-off valve and sound an alarm. The water source is cut off, stopping the leak while the alarm continues to sound until the valve is manually reset. By preventing continuous water flow, mold and property damage are restricted and user liability is reduced. Leak Controller is designed for simple installation and operation. Leak controller can be connected to: Water Purification Systems, Refrigerators/Ice Makers, Coffee Makers, Industrial Applications, and more.

- Made in USA
- NSF Approved Ball Valve with Auto Shut-off
- Programmable Service Reminder & Status Test Button
- Audio Alarm
- Maximum Water Temperature to 140°F
- Connections: ¼" or ⅜" for Plastic or Copper Tubing
- Audio and Blue LED Indicators
- LeakLogic RISC Based Logic Control
- Stainless Steel 2 Screw Mounting Plate with Hardware
- Sensor Contacts Stainless Steel Plated
- 4 "AA" Alkaline Batteries for Extended Operation
- Built with Superior Impact Resistant ABS Plastic and Reinforced Nylon & Glass Materials on Stressed Components
- One Sensor Included with Coin Test Slot & Series Connectors & Water Detection Sensitivity Down to 2ppm TDS

Model No.	In/Out Connection
LCS-25	¼"
LCS-38	⅜"



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Components for Residential RO Systems

Water Quality Monitors & Membrane Housings

In-Line Water Quality Monitors for Residential Point of Use RO Systems



- Install on a home RO System to measure and display the TDS levels of the purified product water and/or incoming feed water.
- Highly efficient and accurate due to its advanced microprocessor technology.
- Auto-Off function conserves battery power. The unit shuts off automatically after non-use.
- Factory calibrated with a 342 ppm NaCl solution. Meters can be recalibrated with a mini-screwdriver.
- Includes ¼" Quick-Connect T-fittings for quick and easy installation. (¾" or ½" fitting available upon request)
- Cable Length: 24.5"* (including sensor) *DM-2 comes with 46" shielded cables.

Model No.	Description	Measures	Range	Sensors	Accuracy
DM-1	In-Line Dual TDS Monitor	TDS	Dual Range: 0-999 ppm or 1,000-9,990 ppm	Dual (in & out)	± 2%
DM-2	Commercial In-Line Dual TDS Monitor <i>Differences from DM-1:</i> <ul style="list-style-type: none"> • Water-Resistant • In-Line Dual TDS • Larger Display • Digital Calibration • 46" Shielded Cables 	TDS	Dual Range: 0-999 ppm or 1,000-9,990 ppm	Dual (in & out)	± 2%
SM-1	In-Line Single TDS Monitor	TDS	Dual Range: 0-999 ppm or 1,000-9,990 ppm	Single (1)	± 2%
QC-1	Quick Check "Push to Check" Monitor with Green "Good" and Red "Service" Lights. Eight programmable set points.	TDS & Conductivity	0-5,000 ppm 0-10,000 µS	Single (1)	± 3%



DM-1



DM-2



SM-1



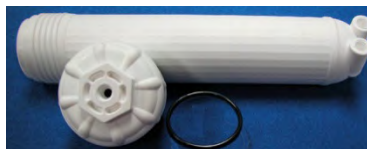
QC-1

AMI® Membrane Housings for Residential RO Membranes



- AMI Polypropylene membrane housing with o-ring
- Fits standard 1.5 to 2" dia., 12"L membrane elements
- ½" FNPT in and out connections

Model No.	Feed Port (IN) Connection	Product/BrinePorts (OUT) Connection
PV2012PME	Straight	90° Elbow
PV2012FS	90° Elbow	90° Elbow



PV2012PME



PV2012FS

Pentek® RO Membrane Housing

- NSF listed component
- Manufactured from an FDA-approved polypropylene
- Accommodates most standard 12" membrane elements
- ½" FNPT connections, with 90° elbow outlets



Model No.	Feed Port (IN) Connection	Product/BrinePorts (OUT) Connection
144376	Straight	90° Elbow



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Components for Residential RO Systems

Long Reach Faucets & Filter Monitors

AMI Long Reach RO Faucets



Model No.	Type	Plating	Description
H-T5019	Non-Air-Gap	Chrome Plated	Our Most Economically Priced Faucet
H-T5020	Non-Air-Gap	Lead Free, Chrome Plated	NSF Approved
H-T5022	Air Gap	Lead Free, Chrome Plated	NSF Approved



Tomlinson Designer & Contemporary RO Faucets

- NSF listed to ANSI NSF Std. 61, AB1953 compliant
- Universal design can be used as either Air Gap, or Non-Air Gap by using the adapter included with each faucet
- Designs complement today's high-end kitchens, with 9 designer finishes to match any décor
- Lever-style handles
- Protective spout tip design prevents after-drip
- Internal ceramic disc provides smooth operation
- High reach neck of 12" (305 mm) swivels 360°
- All mounting hardware is included
- Preinstalled tubing for quick connections
- Patented modular air gap (U.S. patent #7,011,106)
- Retrofits most brands
- Two-year warranty



Designer Style



Contemporary Style

Model No.	Finish (Color)*	Style
1019299	Polished Chrome	Designer
1019303	White	Designer
1019305	Biscuit	Designer
1019307	Black	Designer
1019301	Satin Nickel	Designer
1019311	Antique Bronze	Designer
1019444	Bright Nickel	Designer
1019309	Polished Brass	Designer
1020518	Brushed Stainless	Designer

Model No.	Finish (Color)*	Style
1020587	Polished Chrome	Contemporary
1020893	White	Contemporary
1020897	Biscuit	Contemporary
1020894	Black	Contemporary
1020889	Satin Nickel	Contemporary
1020891	Antique Bronze	Contemporary
1020892	Bright Nickel	Contemporary
1020895	Polished Brass	Contemporary
1020896	Brushed Stainless	Contemporary

*Visit our website to view photos of the different colors of Tomlinson Faucets: www.appliedmembranes.com/faucets

Filter Monitors with LED Faucet Indicator by HM Digital

The new Filter Monitor is an innovative system to alert when a filter needs to be changed via color-coded lights at the base of the faucet. The battery-powered FM-1 has five timers for a 5-stage system and programmable set-points and alarms for each function.

Model No.	Description
FM-1	Filter Monitor 5-Stage Timer
FM-2	Filter Monitor with Volumizer & 5-Stage Timer



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Components for Residential RO Systems

Flow Restrictors for RO Membranes



Quick Connect Flow Restrictors

- 1/4" Tube x 1/4" Tube QC Connections
- Encapsulated Capillary



Model No.	Restrictor Flow (mL per Minute)	Calibrated For Membrane (GPD)
H-R2050QC	100	5
H-R2051QC	150	10
H-R2052QC	200	16
H-R2061QC	250	18
H-R2062QC	300	24
H-R2063QC	350	30
H-R2064QC	420	36

Model No.	Restrictor Flow (mL per Minute)	Calibrated For Membrane (GPD)
H-R2065QC	550	50
H-R2068QC	600	50/55
H-R2074QC	650	55
H-R2071QC	750	65
H-R2069QC	850	75
H-R1000QC	1000	100

Male Threaded Flow Restrictors



- 1/4" M x 1/4" M Connection (Nuts Sold Separately)
- Encapsulated Capillary



Model No.	Restrictor Flow (mL per Minute)	Calibrated For Membrane (GPD)
H-R2051M	150	10
H-R2052M	200	16
H-R2061M	250	18
H-R2062M	300	24
H-R2063M	350	30
H-R2064M	420	36

Model No.	Restrictor Flow (mL per Minute)	Calibrated For Membrane (GPD)
H-R2065M	550	50
H-R2071M	750	65
H-R2069M	850	75
H-R0950M	950	100
F-1050-004	Nut for M Flow Restrictor 1/4" FNPT	

Flow Restrictor Insert



- For Insertion into 1/8" M Fitting (sold separately)
- Encapsulated Capillary



Model No.	Restrictor Flow (mL per Minute)	Calibrated For Membrane (GPD)
H-R2054	150	10
H-R2055	200	16
H-R2057	250	18

Model No.	Restrictor Flow (mL per Minute)	Calibrate For Membrane (GPD)
H-R2066	300	24
H-R2087	350	30
H-R2067	400	35

Flow Restrictor Insert in Fitting



- AMI Insert Flow Restrictor Assembled into 1/4" T x 1/8" M AMI Quick Connect Elbow Fitting



Model No.	Restrictor Flow (mL per Minute)	Calibrated For Membrane (GPD)
H-R2057QC	250	18
H-R2087QC	350	30
H-R2067QC	400	35

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Components for Residential RO Systems

Pressurized Storage Tanks

AMI RO Storage Tanks

- Certified to ANSI/NSF 058
- Stainless Steel System Connection
- Maximum Working Pressure: 100 psi; Pre-Charge: 7 psi

Model No.	Capacity (Gal.)		Color	Conn.	Dimensions	
	Total	Usable			Height	Dia.
H-S4015ANW	3.2	2.8	White	¼" M	15"	9"
H-S4010ANB	4.5	3.2	Blue	¼" M	15"	11"
H-S4010ANW	4.5	3.2	White	¼" M	15"	11"
H-S4016ANW	6.5	5.2	White	¼" M	17"	12"

Non-Removable Bladders • Tank shut-off switch sold separately – see next page.

AMI®



H-S4015ANW

H-S4010ANW

ROMATE® Large Capacity Plastic – Alloy Pressurized Storage Tanks

STRUCTURAL
Pentair Water

- Maximum Operating Pressure & Temperature: 125 psi; 120°F
- Material of Construction: Polyethylene inner shell, fiberglass exterior
- NSF and/or FDA listed materials, 100% Lead-free, will not introduce chemicals or elements into water.

Model No.	Capacity (Gal.)		Conn.	Dimensions	
	Total	Usable*		Height	Dia.
ROMATE15	15	10	1" M	26.5"	16"
ROMATE20	20	13	1" M	32.5"	16"
ROMATE30	30	20	1" M	44.5"	16"
ROMATE40	40	27	1" M	57.5"	16"
ROMATE80	80	58	1¼" M	56.5"	24"
Replacement Part					
H-S4000S†	Replacement Bladder for ROMATE4†				

Non-Removable Bladders

* Approximate usable volume is based on 60 PSI Shutoff and 10 PSI Charge

† Please note that the ROMATE4 has been discontinued.

Replacement bladders (H-S4000S) are available while supplies last.



AMTROL® Storage Tanks

AMTROL™

- Made in USA at an ISO Certified facility
- All Models NSF Listed
- Steel tank with fully enclosed polypropylene and butyl water reservoir

Model No.	Product Name	Capacity (Gal.)		Conn.	Dimensions	
		Total	Usable*		Height	Dia.
143-132	RO-10	10	7	¾" M	17 ⅜"	15 ⅜"
143-293	RO-14	14	10	¼" M	22 ⅜"	15 ⅜"
143-198	RO-14	14	10	¾" M	22 ⅜"	15 ⅜"
144-120	RO-20	20	12	1" M	31 ¾"	15 ⅜"
147-47	RO-34	34	20	1 ¼" M	22"	29 ½"
147-69	RO-44	44	27	1 ¼" M	22"	36"
150-6	RO-86	86	53	1 ¼" M	26"	47 ⅞"

*Approximate usable volume is based on 50 psi feed pressure and 5 psi charge.



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Components for Residential RO Systems

Tank Valves, Ball Valves, Float Valves, Shut-Off Valves

AMI® Tank Valves and Threaded Ball Valves

- AMI Two-Way Ball Valves shut off the flow of the water to and from equipment with a ¼ twist of the handle.
- Female National Pipe Thread (FNPT), Quick Connect (QC) Connections, and Male Compression fittings.

Model No.	Shape	Connections	Material
H-S4033	Straight	¼" FNPT × ¼" FNPT	Gray Plastic
H-S4044QC	Elbow	¼" FNPT × ¼" QC	White Polypropylene
H-S4047	Elbow	¼" FNPT × ¼" Male (compression nut included)	White Polypropylene



John Guest® Speedfit™ Ball Valves

- White Polypropylene
- Speedfit for Faster Installation



Straight



Elbow

John Guest®

Model No.	Connections	Style
PPSV040808W	¼" T × ¼" T	Straight
PPSV041212W	¾" T × ¾" T	Straight
PPSV010822W	¼" T × ¼" M	Straight
PPSV011223W	¾" T × ¾" M	Straight
PISV0416S	½" T × ½" T	Straight
PPSV500822W	¼" T × ¼" F	Elbow
PPSV501222W	¾" T × ¼" F	Elbow

The brands "Speedfit" and "John Guest" are the registered trademarks of John Guest International Limited.

AMI® Float Valves

- Automatically shut off water feed when the water level reaches a specified level within the storage reservoir.
- ¼" Compression Fittings

Model No.	Description
H-V1012	Horizontal Float Valve, ¼"
H-V1014	Vertical Float Valve, ¼"



AMI® Automatic Shut-Off Valves

For use in a point of use RO with pressurized storage tank, these valves automatically shut off the feed water supply when the tank pressure reaches approximately 65% of the line pressure.

Model No.	Connection	Color
H-V1050B	¼" Male w/Nuts	Black
H-V1050W	¼" Male w/Nuts	White
H-V1050FB-QC	¼" Quick Conn.	Black
H-V1050W-QC	¼" Quick Conn.	White
H-V1050FB - NSF listed	¼" Male W/Nuts	Black



H-V1050B



H-V1050W



H-V1050FB-QC

Accessories for Shut-Off Valves

Model No.	Description
H-B2050B	Bracket/Clip - Black
H-B2050W	Bracket/Clip - White
F-1050-003	¼" White Compression Nut
F-1050-004	¼" Black Compression Nut



H-B2050B/W



F-1050-003



F-1050-004



H-V1050W-QC



H-V1050FB



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Components for Residential RO Systems

Gallon Meters, Check Valves, Drain Saddles, Feed Valves

Waterminder™ Gallon Meter Auto Shut-Off Valves

For use on an RO System, these meter valves provide automatic shut off of a potable water system for filter replacement after a pre-determined quantity of water has been filtered. Meters are equipped with a dial for adjustment in increments of 100 gallons.

- Operating Pressures from 15 to 125 psi
- Manufactured using NSF listed materials



Model No.	Capacity	Connection	Color
WM2000B	1,800 gallons	¼" Male Threaded	Black
WM2000W	1,800 gallons	¼" Male Threaded	White
WM2000HCB	1,800 gallons	¼" Quick Connect	Black
WM3000W	3,800 gallons	¼" Male Threaded	White
WM3000B	3,800 gallons	¼" Male Threaded	Black

AMI® Check Valves

Protect membrane elements by preventing backflow in the permeate line.



In Elbow



Male Threaded



H-V1004

Model No.	Description
H-V1001	Installed into ¼" T x ⅛" M Elbow, nut included.
H-V1002	Installed into ¼" T x ⅛" M Straight, nut included.
H-V1003	Installed into ¼" T x ⅛" M Elbow, Quick Connect.
H-V1004	Inserts into membrane permeate tube.
YFCV2500SS	Male threaded check valve, ¼" M x ¼" M
YFCV1800SS	Male threaded check valve, ⅛" M x ⅛" M

AMI® Drain Saddles

Used to connect reject line of point of use RO to a sink drain line.



Model No.	Tubing Connection	Color
H-D3000QC	¼" Quick Connect	White
H-D3000M	¼" Male Nut (compression nut included)	Black



H-D3000QC








H-D3000M

AMI® Feed & Diverter Valves



AMI feed valves are used to connect point of use RO systems to the sink to supply water to the system.

Model No.	Description	Image
H-V1008T	Clamp/Needle Self-Piercing Style Feed Valve, Flat/Saddle Style Used to pierce through hard copper pipes. Connects to ¼" tubing, compression nut included.	 H-V1008T
H-V1011T	Clamp/Needle Self-Piercing Style Feed Valve, C-Frame Style Used to pierce through hard copper pipes. Connects to ¼" tubing, compression nut included.	 H-V1011T
H-V1009	Chrome Adapter for use between a standard kitchen sink faucet line and the supply line from angle stop. ½" FNPT x ½" MNPT. Includes connecting ball valve with ¼" tubing connection, nut included.	
H-V1200	Chrome diverter valve attaches to a standard threaded faucet. The handle on the valve allows you to switch the water flow back and forth from the sink to the filter without disconnecting the valve.	 H-V1200
H-V1201	Adapter to connect threadless faucets to the chrome diverter valve H-V1200 (sold separately)	 H-V1201

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Components for Residential Systems

Mounting Brackets and Clips

AMI® RO and Filter Brackets



Model No.	Description	Image
<i>Brackets for Systems Using Standard Filter Housings</i>		
H-B2010W	Single 10" or 20" Standard Housing Up to 3/4" Port	
H-B2020W	(2) Std. Housings or 4-Stage RO Lip Down	
H-B2021W	(2) Std. Housings or 4-Stage RO Lip Up	
H-B2031W	(3) Std. Housings or 5-Stage RO Lip Down	
H-B2030W	(3) Std. Housings or 5-Stage RO Lip Up	
H-B2044W	(3) Std. Housings, 5 or 6-Stage RO w/ Booster Pump or UV	

Model No.	Description	Image
<i>Brackets for Systems Using Big Blue Filter Housings</i>		
H-B2039W	Single 10" or 20" Big Blue Filter Housing	
H-B2052	(2) 10" or 20" Big Blue Filter Housings	
H-B2053	(3) 10" or 20" Big Blue Filter Housings	
<i>Other Brackets</i>		
H-BRO1P	Bracket for RO Faucet	

Mounting Screws for Filter Brackets

Model No.	Description
H-S1034	#10 3/4" Phillips Screws
H-S1012	#10 1/2" Phillips Screws
H-S1035	6-32 1/2" SS P-Part/Nut

AMI® Mounting Clips



Model No.	Description	Image
H-J2029	Flow Restrictor Clip with Adhesive Back Color: White	
H-J2025PW	Membrane Housing Clip with Screw Hole for Bracket Color: White	
H-J2030W	Membrane Housing to Membrane Housing Clip Color: White	
H-J2021KW	Membrane Housing to In-Line Filter Clip Color: White	

Model No.	Description	Image
H-J2028PW	In-Line Filter with Screw Hole for Bracket Color: White	
H-B2050W	In-Line Filter Clip with Screw Hole for Bracket Color: White	
H-B2050B	In-Line Filter Clip with Screw Hole for Bracket Color: Black	
H-B2051P	In-Line Filter Clip with Screw Hole for Bracket Color: Black	

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JACO® Brand Nylon Threaded Fittings

M: Male
F: Female
T: Tubing

Also available in Polypropylene or other materials upon request.


Male Straight Connectors

Model No.	Description
10-4-2-N-O	¼" T x ⅛" M ST
10-4-4-N-O	¼" T x ¼" M ST
10-4-6-N-O	¼" T x ⅜" M ST
10-6-4-N-O	⅜" T x ¼" M ST
10-6-2-N-O	⅜" T x ⅛" M ST
10-6-6-N-O	⅜" T x ⅜" M ST
10-8-8-N-O	½" T x ½" M ST



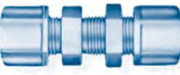
Female Straight Connectors

Model No.	Description
25-4-2-N-O	¼" T x ⅛" F
25-4-4-N-O	¼" T x ¼" F
25-6-6-N-O	⅜" T x ⅜" F
25-6-4-N-O	⅜" T x ¼" F
25-8-8-N-O	½" T x ½" F




Union Connectors

Model No.	Description
20-4-N-O	¼" Bulkhead Union
15-4-N-O	¼" T x ¼" T Union
15-6-N-O	⅜" T x ⅜" T Union
15-6-4-N-O	⅜" T x ¼" T Reducing




Male Branch Tees

Model No.	Description
60-4-2-N-O	¼" T x ¼" T x ⅛" M
60-4-4-N-O	¼" T x ¼" T x ¼" M
60-6-4-N-O	⅜" T x ⅜" T x ¼" M
60-8-6-N-O	½" T x ½" T x ⅜" M
60-8-8-N-O	½" T x ½" T x ½" M




Male Run Tees

Model No.	Description
75-4-2-N-O	¼" T x ¼" T x ⅛" M
75-4-4-N-O	¼" T x ¼" T x ¼" M
75-6-4-N-O	⅜" T x ⅜" T x ¼" M
75-6-6-N-O	⅜" T x ⅜" T x ⅜" M
75-8-6-N-O	½" T x ½" T x ⅜" M




Union Tees

Model No.	Description
70-4-N-O	¼" T ALL SIDES
70-6-N-O	⅜" T ALL SIDES
70-8-N-O	½" T ALL SIDES




Male Elbows

Model No.	Description
40-4-2-N-O	¼" T x ⅛" M
40-4-4-N-O	¼" T x ¼" M
40-4-6-N-O	¼" T x ⅜" M
40-6-4-N-O	⅜" T x ¼" M
40-6-6-N-O	⅜" T x ⅜" M
40-8-8-N-O	½" T x ½" M




Union Elbows

Model No.	Description
50-4-N-O	¼" Union
50-6-N-O	⅜" Union




Female Elbows

Model No.	Description
45-4-2-N-O	¼" T x ⅛" F
45-4-4-P-O	¼" T x ¼" F
45-6-4-N-O	⅜" T x ¼" F




Tubing Inserts

Model No.	Description
P-4-N	¼"
P-6-N	⅜"




Compression Nuts

Model No.	Description
N-O-4-BLK	¼" Black
N-O-4-WHITE	¼" White
N-O-6-BLK	⅜" Black



Hex Nipples

Model No.	Description
PN-4-P	¼" M x ¼" M Hex Nipple
PN-6-P	⅜" M x ⅜" M Hex Nipple



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John Guest Brand Quick Connect Fittings

Working Pressures and Temperatures:

Maximum: 150 psi @ 70°F (10 Bar @ 20°C)
60 psi @ 140°F (4 Bar @ 60°C)

Minimum: 33°F (1°C)


Connections Codes:

M: Male Thread **T:** Tubing **G:** Grey **B:** Blue
F: Female Thread **S:** Stem **W:** White

Color Codes:

Union Tees


Model No.	Description	Color
PI0208S	¼" T	G
CI0208W	¼" T	W
PI0212S	⅜" T	G
CI0212W	⅜" T	W
PI0216S	½" T	G



Male Straight Connectors


NPTF Thread

Model No.	Description	Color
PI010821S	¼" T × ⅛" M	G
CI010821W	¼" T × ⅛" M	W
PI010822S	¼" T × ¼" M	G
CI010822W	¼" T × ¼" M	W
PI010823S	¼" T × ⅜" M	G
PI011221S	⅜" T × ⅛" M	G
PI011222S	⅜" T × ¼" M	G
CI011222W	⅜" T × ¼" M	W
PI011223S	⅜" T × ⅜" M	G
PI011224S	⅜" T × ½" M	G
PI011624S	½" T × ½" M	G
F-010422S1	5/32" T × ¼" M	W



Reducing Branch Tees


Model No.	Description	Color
PI301208S	⅜" T End × ⅜" T End × ¼" T Branch	G
PI301612S	½" T End × ½" T End × ⅜" T Branch	G



Fixed Male Elbows

NPTF Thread


Model No.	Description	Color
PI480821S	¼" T × ⅛" M	G
CI480821W	¼" T × ⅛" M	W
PI480822S	¼" T × ¼" M	G
CI480822W	¼" T × ¼" M	W
PI480823S	¼" T × ⅜" M	G
CI480823W	¼" T × ⅜" M	W
PI481222S	⅜" T × ¼" M	G
CI481222W	⅜" T × ¼" M	W
PI481223S	⅜" T × ⅜" M	G
PI482024S	5/8" T × ½" M	G



Male Stem Adaptors


NPTF Thread

Model No.	Description	Color
PI050821S	¼" S × ⅛" M	G
CI050821W	¼" S × ⅛" M	W
PI050822S	¼" S × ¼" M	G
CI050822W	¼" S × ¼" M	W
PI051222S	⅜" S × ¼" M	G
CI051222W	⅜" S × ¼" M	W
PI051223S	⅜" S × ⅜" M	G
CI051223W	⅜" S × ⅜" M	W
PI051623S	½" S × ⅜" M	G
PI051624S	½" S × ½" M	G




Union Elbows & Reducing Union Elbows

Model No.	Description	Color
PI0308S	¼" T × ¼" T	G
CI0308W	¼" T × ¼" T	W
PI0312S	⅜" T × ⅜" T	G
CI0312W	⅜" T × ⅜" T	W
PI0316S	½" T × ½" T	G
PI211008S	5/16" T × ¼" T	G
PI211208S	⅜" T × ¼" T	G
PI211612S	½" T × ⅜" T	G




Stem Reducers

Model No.	Description	Color
CI061208S	⅜" S × ¼" T	W
CI061208W	⅜" S × ¼" T	W
PI061612S	½" S × ⅜" T	G




Plugs

Model No.	Description	Color
PI0808S	¼" Plug	B
PI0812S	⅜" Plug	B
PI0816S	½" Plug	B



Stem Elbows

Model No.	Description	Color
PI220808S	¼" S × ¼" T	G
CI220808W	¼" S × ¼" T	W
PI221208S	⅜" S × ¼" T	G
PI221212S	⅜" S × ⅜" T	G



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John Guest Brand Quick Connect Fittings

Working Pressures and Temperatures:

Maximum: 150 psi @ 70°F (10 Bar @ 20°C)
60 psi @ 140°F (4 Bar @ 60°C)

Minimum: 33°F (1°C)


Connections Codes:

M: Male Thread **T:** Tubing **G:** Grey
F: Female Thread **S:** Stem **W:** White

Color Codes:


Union Connectors & Reducing Unions

Model No.	Description	Color
PI0408S	¼" T × ¼" T	G
CI0408W	¼" T × ¼" T	W
PI0412S	⅜" T × ⅜" T	G
CI0412W	⅜" T × ⅜" T	W
PI0416S	½" T × ½" T	G
PI200806S	¼" T × ⅜" T	G
PI201008S	5/16" T × ¼" T	G
PI201208S	⅜" T × ¼" T	G
PI201612S	½" T × ¼" T	G




Bulkhead Unions & Reducers

Model No.	Description	Color
PI1208S	¼" T × ¼" T	G
PI1212S	⅜" T × ⅜" T	G
PI1216S	½" T × ½" T	G
PI121208S	⅜" T × ¼" T	G




Female Connectors NPTF Thread

Model No.	Description	Color
PI450822S	¼" T × ¼" F	G
PI451222S	⅜" T × ¼" F	G



Female Flare Connectors FFL Thread, 45° Flare

Model No.	Description	Color
PI4512F4S	⅜" T × ¼" F	G
PI4512F6S	⅜" T × ⅜" F	G




Female Cross

Model No.	Description	Color
PI4712S	⅜" T – All Sides	G




End Stop

Model No.	Description	Color
PI4608S	¼" T	G
PI4612S	⅜" T	G




Barb Connector

Model No.	Description
CI270808W	¼" Superseal × ¼" Hose




Dividers and U-Bend

Model No.	Description	Color
PI2312S	⅜" T In & Out Two-Way Divider	G
PI491612S	½" T In × ⅜" T Out Three-Way Divider	G
PIUB16S	½" In & Out U-Bend	G




Faucet Connectors UNS Thread

Model No.	Description
CI3208U7S	¼" T × 7/16" Thread
CI3212U7S	⅜" T × 7/16" Thread




Tube to Hose Stem

Model No.	Description	Color
PI250808S	¼" S × ¼" Hose	G
PI251208S	⅜" S × ¼" Hose	G
PI251212S	⅜" S × ⅜" Hose	G
PI251216S	⅜" S × ½" Hose	G
PI251612S	½" S × ⅜" Hose	G
PI251616S	½" S × ½" Hose	G



Tube to Hose Elbow

Model No.	Description	Color
PI290808S	¼" S × ¼" Hose	G
PI291208S	⅜" S × ¼" Hose	G



Collet Covers


Model No.	Size	Color
PI1908B	¼"	Blue
PI1908R	¼"	Red
PI1908S	¼"	Gray
PI1908Y	¼"	Yellow



Model No.	Size	Color
PI1912B	⅜"	Blue
PI1912R	⅜"	Red
PI1912S	⅜"	Gray

Locking Clips

Model No.	Description
PIC1808R	For ¼" Tubing
PIC1812R	For ⅜" Tubing
PIC1816R	For ½" Tubing



Other Fitting Components & Support

Model No.	Description	Model No.	Description
PI2808S	Half Cartridge ¼"	TSPIT001	Release Tool ¼" & ⅜"
TS250000S	Tube Support ¼"	CP-R081-S	¼" O-Ring
CP-C081-DG	¼" Collet – Gray	CP-R121-S	⅜" O-Ring
CP-C121-DG	⅜" Collet – Gray	CP-R161-S	½" O-Ring
CP-C161-DG	½" Collet – Gray		

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Components for Residential Systems

Tubing, O-Ring Lubricant, Auto Flush Timers

John Guest LLDPE Tubing



The John Guest PE range of plastic tubing is produced in Linear Low Density Polyethylene for cold and intermittent hot water applications. This tubing is made from FDA compliant non-contaminating materials and is NSF International certified. Designed for use with all standard tubing connectors.

Model No.	Size	Color	Ft. Per Roll
PE-08-BI-0500FB	¼"	Blue	500'
PE-08-BI-0500FW	¼"	White	500'
PE-08-BI-0500FE	¼"	Black	500'
PE-08-BI-0500FG	¼"	Green	500'
PE-08-BI-0500FN	¼"	Natural	500'
PE-08-BI-0500FO	¼"	Orange	500'
PE-08-BI-0500FY	¼"	Yellow	500'
PE-08-BI-1000FW	¼"	White	1000'

Model No.	Size	Color	Ft. Per Roll
PE-12-EI-0500FB	¾"	Blue	500'
PE-12-EI-0500FE	¾"	Black	500'
PE-12-EI-0500FR	¾"	Red	500'
PE-12-EI-0500FW	¾"	White	500'
PE-16-GI-0250FB	½"	Blue	250'
PE-16-GI-0250FN	½"	Natural	250'
PE-16-GI-0250FW	½"	White	250'

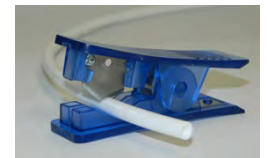


Sold in full roll quantities only.

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Tubing Cutter

Model No.	Description
H-TUPTC-001	Tube Cutter - Cuts Plastic Tubing up to ½"



Lubricant

Model No.	Description
H-C111DC	High grade silicone for RO Vessel O-Rings, 5 oz. Tube DOW Corning 111, NSF 61
AM-225	Glycerine Lubricant, 1 Gallon Container



Aquatec Automatic Flush Flow Restrictors/Timers for RO Systems



Aquatec's Auto Flush Timers are engineered to maximize system efficiency and prolong membrane life. These components utilize a normally closed solenoid valve which automatically "power flushes" the membrane upon start-up and then subsequently for 15-20 seconds every hour. This turbulent water action removes organic and inorganic contaminants from the membrane surface. Any standing, idle water in the membrane module is automatically purged to the drain.

Model No.	With Flow Restrictor	For Membrane Flow (GPD)	In/Out Connections
AFR603	300 M/L per Min.	25	¼" w/ Compression Nut
AFR604	400 M/L per Min.	35	¼" w/ Compression Nut
AFR605	500 M/L per Min.	50	¼" w/ Compression Nut
AFR606	600 M/L per Min.	50	¼" w/ Compression Nut
AFR607	700 M/L per Min.	75	¼" w/ Compression Nut
AFR608	800 M/L per Min.	75	¼" w/ Compression Nut



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Booster Pumps for Residential RO



Aquatec Booster Pumps and Accessories

Aquatec Booster Pumps

- Booster pumps provide reliable inlet pressure for efficient membrane utilization and are ideally suited for continuous duty.
- Safe operation with low voltage AC motors. Can be used with compatible transformers (100VAC, 120VAC, 230VAC to be ordered separately).
- Built-in Fittings: ¼" or ⅜" Quick Connect or Threaded Compression

These pumps are commonly used with one or more flow control components including: pressure switches, tank level controllers, or electronic shut-off valves. A typical "RO Kit" includes a booster pump, pressure switch, and transformer – all system components are sold separately.



Model No.	Flow @60 psi	Additional Information	
6800 Series – Low Flow Pumps for use with 10 to 36 GPD RO Systems			
6840-2J03-B221S	0.11 GPM (0.43 LPM)	<ul style="list-style-type: none"> • ¼" Quick Connect Ports • 7 ft. Prime 	<ul style="list-style-type: none"> • 110 psi By-Pass Pressure Relief Control Valve • Flexible Mounting Plate
8800 Series – High Flow Pumps for use with 50 to 100 GPD RO Systems			
8851-2J03-B423	0.37 GPM (1.4 LPM)	<ul style="list-style-type: none"> • ⅜" Quick Connect Ports • 5 ft. Prime 	<ul style="list-style-type: none"> • 110 psi By-Pass Pressure Relief Control Valve • Universal Base Plate
8851-2J03-B323	0.37 GPM (1.4 LPM)	<ul style="list-style-type: none"> • ⅜" Threaded Elbow Con. • 5 ft. Prime 	<ul style="list-style-type: none"> • 110 psi By-Pass Pressure Relief Control Valve • Universal Base Plate

Power Supplies for Aquatec Booster Pumps

Model No.	For Pump	Type of Plug	Input Voltage	Overload Protection
TAS114-19EP	6800	USA	115-120v, 50 Hz	Circuit Breaker, Auto Reset
TAS104-19	6800	Japan	100v, 50/60 Hz	Circuit Breaker, Auto Reset
TAS234-19EP	6800	Europe 2 Prong	230v, 50Hz	Circuit Breaker, Auto Reset
TACS114-48	8800	USA	115-120v, 60 Hz	Thermal Fuse
TACS104-48	8800	Japan	100v, 50/60 Hz	Thermal Fuse
TACS234-48RF	8800	Europe 2 Prong	230v, 50Hz	Circuit Breaker, Auto Reset



Tank Pressure Shut-Off Switches for Aquatec Booster Pumps

Model No.	For Pump	Off Pressure	Conn.
PSW240	6800	40 psi	¼" QC
PSW260	6800	60 psi	¼" QC
PSW280	6800	80 psi	¼" QC



Model No.	For Pump	Off Pressure	Conn.
PSW340	8800	40 psi	⅜" QC
PSW360	8800	60 psi	⅜" QC
PSW380	8800	80 psi	⅜" QC

Additional Accessories for Aquatec Booster Pumps

Model No.	Description
LPS340G	Low Pressure Shut-Off Switch ¼" MPT Connection
TLC-DC901	Tank Level Control with 3 Sensors for Plastic Tank, ¼" Threaded Connections
ESO460-24VAC	Electronic Shut-Off Normally Closed Solenoid Valve, ¼" Threaded Connections
LDS900	Leak Detector Valve and Switch with Sensor

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Pumps for Residential RO Systems

Permeate Pumps & Delivery Pumps



Aquatec Permeate Pumps

- Effective for inlet water pressure as low as 30 psi
- Increases membrane life, lowers "TDS creep" to enhance contaminant rejection
- Fills product tank up to 4 times more rapidly
- Requires no electricity, powered by energy from brine water
- Improves recovery rates by as much as 400%, reduces waste water by up to 80%



Model No.	In/Out Port Type
ERP1000-JG-S	5/16" Male Stem
ERP1000-01	1/4" Straight Push-In Fittings
ERP1000-02	1/4" Elbow Push-In Fittings

Fittings for Male Stem Pump:	
P1201008S	5/16" x 1/4" T Reducing Union, Straight
P1211008S	5/16" x 1/4" T Reducing Union, Elbow

Aquatec Delivery Pumps



Model No.	Flow (GPM)	Design Details	
<i>Series 5800 Delivery Pumps, Totally Enclosed, Non Ventilated, Permanent Magnet</i>			
5851-7E12-J574	1.0 GPM Open Flow to 0.7 GPM @ 60 PSI	3/8" Quick Connect Ports, 8Ft. Prime, 60psi Pressure-Switch Control, 120 VAC w/ Power Cord and USA Plug	
5852-7E12-J584	1.2 GPM Open Flow to 0.9 GPM @ 60 PSI	3/8" Quick Connect Ports, 9Ft. Prime, 60psi Pressure-Switch Control, 120 VAC w/ Power Cord and USA Plug	
5853-GE12-V81D	1.3 GPM Open Flow to 1.1 GPM @ 60 PSI	3/8" Quick Connect Ports, 3.5 Degree Cam, 60psi Pressure Switch Control, EMI/RFI Noise Suppression, 115 VAC w/ Power Cord, Variable Speed Electronically Controlled Pump	
<i>Series 550 High Flow Delivery Pumps, Totally Enclosed, Non Ventilated, Permanent Magnet</i>			
5512-1E12-J586	3.2 GPM open flow to 1.5 GPM @ 60 PSI	1/2" NPT Female Ports, 10Ft. Prime, 60psi Pressure Switch Control, 115VAC/60Hz w/ Power Cord & Plug	
5512-1E12-B586	3.2 GPM open flow to 1.5 GPM @ 60 PSI	1/2" NPT Female Ports, 10Ft. Prime, 60psi Pressure Switch Control, 115VAC/60Hz w/ Lead Wires Only	
5502-IDN2-V77DUL	4.5 GPM open flow to 2.75 GPM @ 50PSI	3/4" Quick Disconnect Ports, 3 Degree Cam, 50psi Pressure-Switch Control, 115 VAC w/ Power Cord, Variable Speed Electronically Controlled Pump	

Shurflo Water Delivery Pumps



Model No.	Flow (GPD)	Voltage	Conn.	Description	
2088-594-154	3.2	115 VAC	1/2" MSPT	Direct, No Power Supply Included	
2088-474-144	3.0	24 VDC	1/2" MSPT	Direct, No Power Supply Included	
2088-564-144	3.0	230 VAC	1/2" MSPT	Direct, No Power Supply Included	
8005-233-236	1.4	115 VAC	3/8" FPT	No Cord	
8005-733-155	1.4	115 VAC	1/2" MPT	No Cord	
8005-733-255	1.5	115 VAC	3/8" FPT	No Cord	
8005-791-255	1.2	230 VAC	3/8" FPT	No Cord	
8005-912-260	1.4	115 VAC	3/8" FPT	No Cord	
8025-213-256	1.6	115 VAC	3/8" FPT	Cord Included	

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Bottle Water Dispensing System & Dispensing Pumps

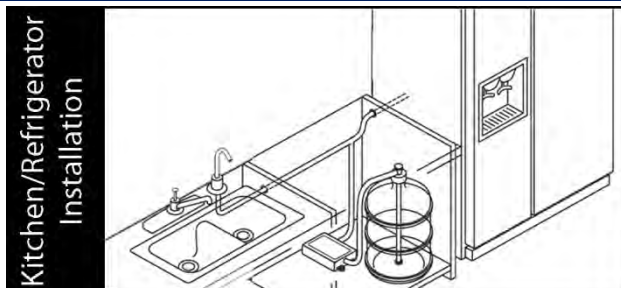
Flojet Bottle Water Dispensing Systems

- For dispensing water from 5 gallon water bottles.
- Float switch for automatic shut-off when bottle is empty
- Built-in check valve to prevent back flow
- Universal seal cap fits most water containers
- Compact size for easy mounting
- Easy installation
- Illuminated On/Off Switch: Provides clear visibility in dark cabinets or hard to reach places
- Long Life Motor: Ensures years of reliable operation
- Flojet Diaphragm Pump: Provides dependable run dry capabilities, extending the life of the pump
- Quick Disconnect Port: Allows for easy wand replacement in seconds
- Quiet Operation: Equipped with noise dampening rubber feet to minimize noise pollution
- Thermal Protection: Prevents overheating, protecting the pump and control box from damage
- New Ergonomic T-Shaped Wand Handle: Allows for ease of installation and removal of wand from bottle

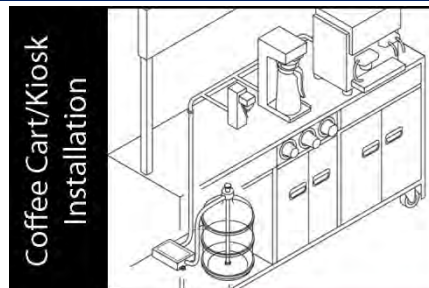


ECO-FRIENDLY – Up to 25% more energy efficient than previous bottled water systems.

Model No.	Description
BW4000-000A	110v/50-60 Hz AC, 1.09 GPM/ 40 PSI Max , 6' Cord with Plug, ¼" x 20' Discharge Tube
BW4003-000A	230v/50-60 Hz, 1.09 GPM/ 40 PSI Max , 6' Cord with Plug, ¼" x 20' Discharge Tube



Kitchen/Refrigerator Installation



Coffee Cart/Kiosk Installation

Flojet Dispensing Pumps

Model No.	Description	
4100-500	<ul style="list-style-type: none"> - 3.5 GPM @ 45 PSI - 115v - No Pressure Switch - ½" Hose Barb Connections 	

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