

COMPONENTS FOR HOME RO SYSTEMS

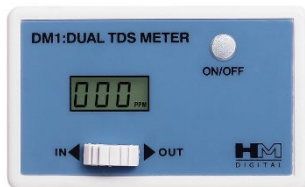
Water Quality Monitors | Membrane Housings



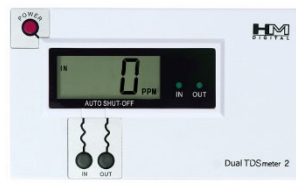
IN-LINE WATER QUALITY MONITORS FOR RESIDENTIAL POINT OF USE RO SYSTEMS

- ◆ 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.
- ◆ Cable Length: 24.5"* (including sensor) *DM-2 comes with 46" shielded cables.
- ◆ Requires 1/4" Quick-Connect T-fittings (sold separately) for installation.

| 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> Water-Resistant Digital Calibration In-Line Dual TDS 46" Shielded Cables Larger Display | 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



| Model No. | For Membrane Flow | For Membrane Size | Feed Port (IN) | Product/BrinePorts (OUT) |
|------------------|-------------------|-----------------------|---------------------|--------------------------|
| PV2012PME | 12 to 200 GPD | 1.5"-2"Dia. x 12"L | 1/8" FNPT Straight | 1/8" FNPT 90° Elbow |
| PV2012FS | 12 to 100 GPD | 1.5"-1.85"Dia. x 12"L | 1/8" FNPT 90° Elbow | 1/8" FNPT 90° Elbow |
| PV3012C | 300 to 500 GPD | 3.0" Dia. x 12"L | 1/4" IPS Straight** | 1/8" IPS 90° Elbow** |



PV2012PME



PV2012FS



PV3012C

COMPONENTS FOR HOME 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 |
| 1019307 | Black | Designer |
| 1019301 | Satin Nickel | Designer |
| 1019311 | Antique Bronze | Designer |
| 1019444 | Bright Nickel | Designer |
| 1019309 | Polished Brass | Designer |
| 1020518 | Brushed Stainless | Designer |
| 1019305 | Biscuit | Designer |

| Model No. | Finish (Color)* | Style |
|----------------|-------------------|--------------|
| 1020587 | Polished Chrome | Contemporary |
| 1020893 | White | 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 Tomlinson Faucet Colors: www.appliedmembranes.com/faucets

FILTER MONITOR WITH LED FAUCET INDICATOR BY HM DIGITAL

Model Number: FM-1 Filter Monitor 5-Stage Timer

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.



COMPONENTS FOR HOME RO SYSTEMS

Flow Restrictors for RO Membrane Reject Line



QUICK CONNECT FLOW RESTRICTORS

- 1/4" Tube × 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-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 × 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-R2061M | 250 | 18 |
| H-R2064M | 420 | 36 |
| H-R2065M | 550 | 50 |

| Model No. | Restrictor Flow (mL per Minute) | Calibrated For Membrane (GPD) |
|------------|-------------------------------------|-------------------------------|
| H-R2071M | 750 | 65 |
| H-R2069M | 850 | 75 |
| 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) | 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 × 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 |



COMPONENTS FOR HOME RO SYSTEMS

Pressurized Storage Tanks for RO Permeate

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 | 1/4" M | 15" | 9" |
| H-S4010ANB | 4.5 | 3.2 | Blue | 1/4" M | 15" | 11" |
| H-S4010ANW | 4.5 | 3.2 | White | 1/4" M | 15" | 11" |

Non-Removable Bladders

Tank valve sold separately – see next page.

ami®



H-S4015ANW

H-S4010ANW

ROMATE® LARGE CAPACITY PLASTIC-ALLOY BLADDER TANKS

- ◆ 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 | 1 1/4" M | 56.5" | 24" |

Non-Removable Bladders

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

 **STRUCTURAL**
Pentair Water



COMPONENTS FOR HOME 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-S4047 | Elbow | ¼" FNPT × ¼" Male (compression nut included) | White Polypropylene |

*Note: H-S4044QC (¼" FNPT × ¼" QC Elbow) has been discontinued. Please refer to replacement # PPSV500822W in table below.



H-S4033



H-S4047

JOHN GUEST® SPEEDFIT™ BALL VALVES

White Polypropylene
Speedfit for Faster Installation



Straight



Elbow



| 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-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-V1050FB-QC



H-V1050W-QC



H-V1050FB



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

COMPONENTS FOR HOME 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 | 1/4" Male Threaded | Black |
| WM2000W | 1,800 gallons | 1/4" Male Threaded | White |
| WM2000HCB | 1,800 gallons | 1/4" Quick Connect | Black |
| WM3000W | 3,800 gallons | 1/4" Male Threaded | White |
| WM3000B | 3,800 gallons | 1/4" Male Threaded | Black |



AMI®

AMI® CHECK VALVES

Protect membrane elements by preventing backflow in the permeate line.



In Elbow



Male Threaded



RC385OR (O-Ring Not Shown)

| Model No. | Description |
|-------------------|--|
| H-V1001 | Installed into 1/4" T x 1/8" M Elbow, nut included. |
| H-V1002 | Installed into 1/4" T x 1/8" M Straight, nut included. |
| H-V1003 | Installed into 1/4" T x 1/8" M Elbow, Quick Connect. |
| RC385OR | Inserts into membrane permeate tube. With O-Ring |
| YFCV2500SS | Male threaded check valve, 1/4" M x 1/4" M |
| YFCV1800SS | Male threaded check valve, 1/8" M x 1/8" 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 | 1/4" Quick Connect | White |
| H-D3000M | 1/4" Male Nut (compression nut included) | Black |



H-D3000QC



H-D3000M

AMI®

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 1/4" tubing, compression nut included. | |
| H-V1009 | Chrome Adapter for use between a standard kitchen sink faucet line and the supply line from angle stop. 1/2" FNPT x 1/2" MNPT. Includes connecting ball valve with 1/4" 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. | |

AMI®

COMPONENTS FOR HOME RO SYSTEMS

Mounting Brackets and Clips



AMI® RO AND FILTER BRACKETS

| Model No. | Description | Image |
|--|--|-------|
| Brackets for Systems Using Standard Filter Housings | | |
| 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-B2044W | (3) Std. Housings, 5 or 6-Stage RO w/ Booster Pump or UV | |

| Model No. | Description | Image |
|--|---|-------|
| Brackets for Systems Using Big Blue Filter Housings | | |
| 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 | |
| Other Brackets | | |
| H-BRO1P | Bracket for RO Faucet | |

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-J2030UW | Membrane Housing to Membrane Housing Clip Color: White | |
| H-J2021KW | Membrane Housing to In-Line Filter Clip Color: White | |
| H-J2031UW | In-Line Filter 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 | Shut-Off Valve Clip w/ Screw Hole for Bracket Color: White | |
| H-B2050B | Shut-Off Valve Clip w/ Screw Hole for Bracket Color: Black | |
| H-B2051P | Permeate Pump Clip with Screw Hole for Bracket Color: Black | |

FITTINGS FOR HOME RO SYSTEMS




Jaco® Brand Nylon Threaded Fittings


M: Male
F: Female
T: Tubing

Also available in Polypropylene or other materials upon request.

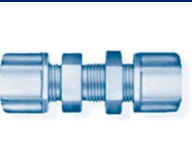
MALE STRAIGHT CONNECTORS

| Model No. | Description |  |
|------------|--------------------|---|
| 10-4-2-N-O | 1/4" T x 1/8" M ST | |
| 10-4-4-N-O | 1/4" T x 1/4" M ST | |
| 10-4-6-N-O | 1/4" T x 3/8" M ST | |
| 10-6-4-N-O | 3/8" T x 1/4" M ST | |
| 10-6-2-N-O | 3/8" T x 1/8" M ST | |
| 10-6-6-N-O | 3/8" T x 3/8" M ST | |
| 10-8-8-N-O | 1/2" T x 1/2" M ST | |


FEMALE STRAIGHT CONNECTORS

| Model No. | Description |  |
|------------|-----------------|---|
| 25-4-2-N-O | 1/4" T x 1/8" F | |
| 25-4-4-N-O | 1/4" T x 1/4" F | |
| 25-6-6-N-O | 3/8" T x 3/8" F | |
| 25-6-4-N-O | 3/8" T x 1/4" F | |
| 25-8-8-N-O | 1/2" T x 1/2" F | |


UNION CONNECTORS

| Model No. | Description |  |
|------------|--------------------------|---|
| 20-4-N-O | 1/4" Bulkhead Union | |
| 15-4-N-O | 1/4" T x 1/4" T Union | |
| 15-6-N-O | 3/8" T x 3/8" T Union | |
| 15-6-4-N-O | 3/8" T x 1/4" T Reducing | |


MALE BRANCH TEES

| Model No. | Description |  |
|------------|--------------------------|---|
| 60-4-2-N-O | 1/4" T x 1/4" T x 1/8" M | |
| 60-4-4-N-O | 1/4" T x 1/4" T x 1/4" M | |
| 60-6-4-N-O | 3/8" T x 3/8" T x 1/4" M | |
| 60-8-6-N-O | 1/2" T x 1/2" T x 3/8" M | |
| 60-8-8-N-O | 1/2" T x 1/2" T x 1/2" M | |


MALE RUN TEES

| Model No. | Description |  |
|------------|--------------------------|---|
| 75-4-2-N-O | 1/4" T x 1/4" T x 1/8" M | |
| 75-4-4-N-O | 1/4" T x 1/4" T x 1/4" M | |
| 75-6-4-N-O | 3/8" T x 3/8" T x 1/4" M | |
| 75-6-6-N-O | 3/8" T x 3/8" T x 3/8" M | |
| 75-8-6-N-O | 1/2" T x 1/2" T x 3/8" M | |


UNION TEES

| Model No. | Description |  |
|-----------|------------------|---|
| 70-4-N-O | 1/4" T ALL SIDES | |
| 70-6-N-O | 3/8" T ALL SIDES | |
| 70-8-N-O | 1/2" T ALL SIDES | |


MALE ELBOWS

| Model No. | Description |  |
|------------|-----------------|---|
| 40-4-2-N-O | 1/4" T x 1/8" M | |
| 40-4-4-N-O | 1/4" T x 1/4" M | |
| 40-4-6-N-O | 1/4" T x 3/8" M | |
| 40-6-4-N-O | 3/8" T x 1/4" M | |
| 40-6-6-N-O | 3/8" T x 3/8" M | |
| 40-8-8-N-O | 1/2" T x 1/2" M | |


UNION ELBOWS

| Model No. | Description |  |
|-----------|-------------|---|
| 50-4-N-O | 1/4" Union | |
| 50-6-N-O | 3/8" Union | |

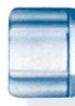
FEMALE ELBOWS

| Model No. | Description |  |
|------------|-----------------|---|
| 45-4-2-N-O | 1/4" T x 1/8" F | |
| 45-4-4-N-O | 1/4" T x 1/4" F | |
| 45-6-4-N-O | 3/8" T x 1/4" F | |


TUBING INSERTS

| Model No. | Description |  |
|-----------|-------------|---|
| P-4-N | 1/4" | |
| P-6-N | 3/8" | |

COMPRESSION NUTS

| Model No. | Description |  |
|-------------|-------------|---|
| N-O-4-BLK | 1/4" Black | |
| N-O-4-WHITE | 1/4" White | |
| N-O-6-BLK | 3/8" Black | |

HEX NIPPLES

| Model No. | Description |  |
|-----------|----------------------------|---|
| PN-4-P | 1/4" M x 1/4" M Hex Nipple | |
| PN-6-P | 3/8" M x 3/8" M Hex Nipple | |

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:

Color Codes:

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


UNION TEES

| Model No. | Description | Color |
|-----------|-------------|-------|
| PI0208S | 1/4" T | G |
| CI0208W | 1/4" T | W |
| PI0212S | 3/8" T | G |
| CI0212W | 3/8" T | W |
| PI0216S | 1/2" T | G |




MALE STRAIGHT CONNECTORS NPTF THREAD

| Model No. | Description | Color |
|------------|------------------|-------|
| PI010821S | 1/4" T x 1/8" M | G |
| CI010821W | 1/4" T x 1/8" M | W |
| PI010822S | 1/4" T x 1/4" M | G |
| CI010822W | 1/4" T x 1/4" M | W |
| PI010823S | 1/4" T x 3/8" M | G |
| PI011221S | 3/8" T x 1/8" M | G |
| PI011222S | 3/8" T x 1/4" M | G |
| CI011222W | 3/8" T x 1/4" M | W |
| PI011223S | 3/8" T x 3/8" M | G |
| PI011224S | 3/8" T x 1/2" M | G |
| PI011624S | 1/2" T x 1/2" M | G |
| F-010422S1 | 5/32" T x 1/4" M | W |




REDUCING BRANCH TEES

| Model No. | Description | Color |
|-----------|--|-------|
| PI301208S | 3/8" T End x 3/8" T End x 1/4" T Branch | G |
| PI301612S | 1/2" T End x 1/2" T End x 3/8" T Branch | G |




FIXED MALE ELBOWS NPTF THREAD

| Model No. | Description | Color |
|-----------|-----------------|-------|
| PI480821S | 1/4" T x 1/8" M | G |
| CI480821W | 1/4" T x 1/8" M | W |
| PI480822S | 1/4" T x 1/4" M | G |
| CI480822W | 1/4" T x 1/4" M | W |
| PI480823S | 1/4" T x 3/8" M | G |
| CI480823W | 1/4" T x 3/8" M | W |
| PI481222S | 3/8" T x 1/4" M | G |
| CI481222W | 3/8" T x 1/4" M | W |
| PI481223S | 3/8" T x 3/8" M | G |
| PI482024S | 5/8" T x 1/2" M | G |




MALE STEM ADAPTORS NPTF THREAD

| Model No. | Description | Color |
|-----------|-----------------|-------|
| PI050821S | 1/4" S x 1/8" M | G |
| CI050821W | 1/4" S x 1/8" M | W |
| PI050822S | 1/4" S x 1/4" M | G |
| CI050822W | 1/4" S x 1/4" M | W |
| PI051222S | 3/8" S x 1/4" M | G |
| CI051222W | 3/8" S x 1/4" M | W |
| PI051223S | 3/8" S x 3/8" M | G |
| CI051223W | 3/8" S x 3/8" M | W |
| PI051623S | 1/2" S x 3/8" M | G |
| PI051624S | 1/2" S x 1/2" M | G |




UNION ELBOWS & REDUCING UNION ELBOWS

| Model No. | Description | Color |
|-----------|------------------|-------|
| PI0308S | 1/4" T x 1/4" T | G |
| CI0308W | 1/4" T x 1/4" T | W |
| PI0312S | 3/8" T x 3/8" T | G |
| CI0312W | 3/8" T x 3/8" T | W |
| PI0316S | 1/2" T x 1/2" T | G |
| PI211008S | 5/16" T x 1/4" T | G |
| PI211208S | 3/8" T x 1/4" T | G |
| PI211612S | 1/2" T x 3/8" T | G |




STEM REDUCERS

| Model No. | Description | Color |
|-----------|-----------------|-------|
| CI061208S | 3/8" S x 1/4" T | W |
| CI061208W | 3/8" S x 1/4" T | W |
| PI061612S | 1/2" S x 3/8" T | G |




STEM ELBOWS

| Model No. | Description | Color |
|-----------|-----------------|-------|
| PI220808S | 1/4" S x 1/4" T | G |
| CI220808W | 1/4" S x 1/4" T | W |
| PI221208S | 3/8" S x 1/4" T | G |
| PI221212S | 3/8" S x 3/8" T | G |



PLUGS

| Model No. | Description | Color |
|-----------|-------------|-------|
| PI0808S | 1/4" Plug | B |
| PI0812S | 3/8" Plug | B |
| PI0816S | 1/2" Plug | B |



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FITTINGS FOR HOME RO SYSTEMS



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
F: Female Thread

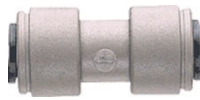
T: Tubing
S: Stem

Color Codes:

G: Grey
W: White


UNION CONNECTORS & REDUCING UNIONS

| Model No. | Description | Color |
|-----------|------------------|-------|
| PI0408S | 1/4" T × 1/4" T | G |
| CI0408W | 1/4" T × 1/4" T | W |
| PI0412S | 3/8" T × 3/8" T | G |
| CI0412W | 3/8" T × 3/8" T | W |
| PI0416S | 1/2" T × 1/2" T | G |
| PI200806S | 1/4" T × 3/16" T | G |
| PI201008S | 5/16" T × 1/4" T | G |
| PI201208S | 3/8" T × 1/4" T | G |
| PI201612S | 1/2" T × 1/4" T | G |




BULKHEAD UNIONS & REDUCERS

| Model No. | Description | Color |
|-----------|-----------------|-------|
| PI1208S | 1/4" T × 1/4" T | G |
| PI1212S | 3/8" T × 3/8" T | G |
| PI1216S | 1/2" T × 1/2" T | G |
| PI121208S | 3/8" T × 1/4" T | G |




FEMALE CONNECTORS NPTF THREAD

| Model No. | Description | Color |
|-----------|-----------------|-------|
| PI450822S | 1/4" T × 1/4" F | G |
| PI451222S | 3/8" T × 1/4" F | G |



FEMALE FLARE CONNECTORS FFL THREAD, 45° FLARE

| Model No. | Description | Color |
|-----------|-----------------|-------|
| PI4512F4S | 3/8" T × 1/4" F | G |
| PI4512F6S | 3/8" T × 3/8" F | G |




FEMALE CROSS

| Model No. | Description | Color |
|-----------|--------------------|-------|
| PI4712S | 3/8" T – All Sides | G |




END STOP

| Model No. | Description | Color |
|-----------|-------------|-------|
| PI4608S | 1/4" T | G |
| PI4612S | 3/8" T | G |




BARB CONNECTOR

| Model No. | Description |
|-----------|---------------------------|
| CI270808W | 1/4" Supersal × 1/4" Hose |




DIVIDERS AND U-BEND

| Model No. | Description | Color |
|-----------|--|-------|
| PI2312S | 3/8" T In & Out Two-Way Divider | G |
| PI491612S | 1/2" T In × 3/8" T Out Three-Way Divider | G |
| PIUB16S | 1/2" In & Out U-Bend | G |




FAUCET CONNECTORS UNS THREAD

| Model No. | Description |
|-----------|-----------------------|
| CI3208U7S | 1/4" T × 7/16" Thread |
| CI3212U7S | 3/8" T × 7/16" Thread |




TUBE TO HOSE STEM

| Model No. | Description | Color |
|-----------|--------------------|-------|
| PI250808S | 1/4" S × 1/4" Hose | G |
| PI251208S | 3/8" S × 1/4" Hose | G |
| PI251212S | 3/8" S × 3/8" Hose | G |
| PI251216S | 3/8" S × 1/2" Hose | G |
| PI251612S | 1/2" S × 3/8" Hose | G |
| PI251616S | 1/2" S × 1/2" Hose | G |



TUBE TO HOSE ELBOW

| Model No. | Description | Color |
|-----------|--------------------|-------|
| PI290808S | 1/4" S × 1/4" Hose | G |
| PI291208S | 3/8" S × 1/4" Hose | G |



COLLET COVERS


| Model No. | Size | Color |
|-----------|------|--------|
| PI1908B | 1/4" | Blue |
| PI1908R | 1/4" | Red |
| PI1908S | 1/4" | Gray |
| PI1908Y | 1/4" | Yellow |



| Model No. | Size | Color |
|-----------|------|-------|
| PI1912B | 3/8" | Blue |
| PI1912R | 3/8" | Red |
| PI1912S | 3/8" | Gray |

LOCKING CLIPS

| Model No. | Description |
|-----------|-----------------|
| PIC1808R | For 1/4" Tubing |
| PIC1812R | For 3/8" Tubing |
| PIC1816R | For 1/2" Tubing |



OTHER FITTING COMPONENTS & SUPPORT

| Model No. | Description |
|------------|---------------------|
| PI2808S | Half Cartridge 1/4" |
| TS250000S | Tube Support 1/4" |
| CP-C081-DG | 1/4" Collet – Gray |
| CP-C121-DG | 3/8" Collet – Gray |
| CP-C161-DG | 1/2" Collet – Gray |

| Model No. | Description |
|-----------|--------------------------|
| TSPIT001 | Release Tool 1/4" & 3/8" |
| CP-R081-S | 1/4" O-Ring |
| CP-R121-S | 3/8" O-Ring |
| CP-R161-S | 1/2" O-Ring |

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COMPONENTS FOR HOME RO 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 | 1/4" | Blue | 500' |
| PE-08-BI-0500FW | 1/4" | White | 500' |
| PE-08-BI-0500FE | 1/4" | Black | 500' |
| PE-08-BI-0500FG | 1/4" | Green | 500' |
| PE-08-BI-0500FN | 1/4" | Natural | 500' |
| PE-08-BI-0500FO | 1/4" | Orange | 500' |
| PE-08-BI-0500FY | 1/4" | Yellow | 500' |
| PE-08-BI-1000FW | 1/4" | White | 1000' |

| Model No. | Size | Color | Ft. Per Roll |
|-----------------|------|---------|--------------|
| PE-12-EI-0500FB | 3/8" | Blue | 500' |
| PE-12-EI-0500FE | 3/8" | Black | 500' |
| PE-12-EI-0500FR | 3/8" | Red | 500' |
| PE-12-EI-0500FW | 3/8" | White | 500' |
| PE-16-GI-0250FB | 1/2" | Blue | 250' |
| PE-16-GI-0250FN | 1/2" | Natural | 250' |
| PE-16-GI-0250FW | 1/2" | White | 250' |

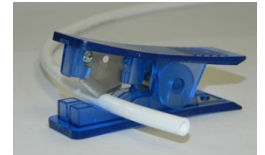


Sold in full roll quantities only.

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TUBING CUTTER

| Model No. | Description |
|-------------|--|
| H-TUPTC-001 | Tube Cutter - Cuts Plastic Tubing up to 1/2" |



LUBRICANT

| Model No. | Description | Container Size |
|--------------|---|----------------|
| H-C111DC-6GR | Molykote 111 Compound O-Ring Lubricant (DOW Corning 11) High grade silicone for RO Vessel & Filter Housings O-Rings. NSF-61 | 6 Gram Packet |
| H-C111DC | | 5 oz Tube |
| AM-225 | Glycerine Lubricant & Storage Solution | 1 Gallon |



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 | 1/4" w/ Compression Nut |
| AFR604 | 400 M/L per Min. | 35 | 1/4" w/ Compression Nut |
| AFR605 | 500 M/L per Min. | 50 | 1/4" w/ Compression Nut |
| AFR606 | 600 M/L per Min. | 50 | 1/4" w/ Compression Nut |
| AFR607 | 700 M/L per Min. | 75 | 1/4" w/ Compression Nut |
| AFR608 | 800 M/L per Min. | 75 | 1/4" w/ Compression Nut |



PUMPS FOR HOME RO SYSTEMS



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: 1/4" or 3/8" 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-B221 | 0.11 GPM (0.43 LPM) | <ul style="list-style-type: none"> 1/4" 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"> 3/8" 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"> 3/8" 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 | 1/4" QC |
| PSW260 | 6800 | 60 psi | 1/4" QC |
| PSW280 | 6800 | 80 psi | 1/4" QC |



| Model No. | For Pump | Off Pressure | Conn. |
|---------------|----------|--------------|---------|
| PSW340 | 8800 | 40 psi | 3/8" QC |
| PSW360 | 8800 | 60 psi | 3/8" QC |
| PSW380 | 8800 | 80 psi | 3/8" QC |

ADDITIONAL ACCESSORIES FOR AQUATEC BOOSTER PUMPS

| Model No. | Description |
|---------------------|---|
| LPS340G | Low Pressure Shut-Off Switch 1/4" MPT Connection |
| TLC-DC901 | Tank Level Control with 3 Sensors for Plastic Tank, 1/4" Threaded Connections |
| ESO460-24VAC | Electronic Shut-Off Normally Closed Solenoid Valve, 1/4" Threaded Connections |
| LDS900 | Leak Detector Valve and Switch with Sensor |

PUMPS FOR HOME 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 |

| 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 | |
|--|---------------------------------------|--|--|
| Series 5800 Delivery Pumps, Totally Enclosed, Non Ventilated, Permanent Magnet | | | |
| 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 | |
| Series 550 High Flow Delivery Pumps, Totally Enclosed, Non Ventilated, Permanent Magnet | | | |
| 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 | |

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 | |

DISPENSING PUMPS

Flojet Bottled Water Dispensing Systems & Pumps

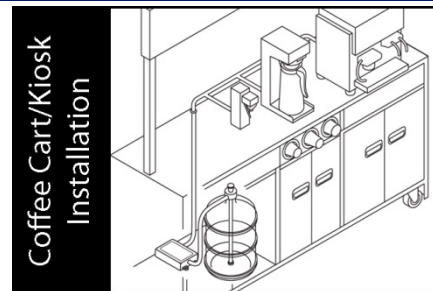
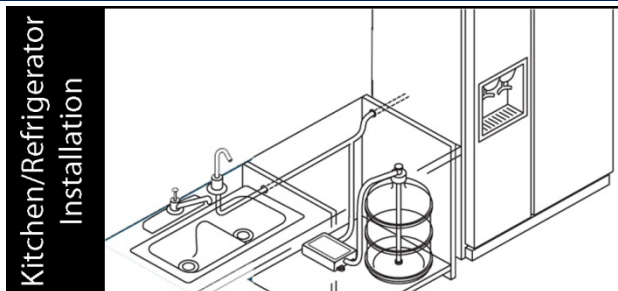
FLOJET BOTTLE WATER DISPENSING SYSTEMS

- ◆ 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, 1/4" x 20' Discharge Tube |
| BW4003-000A | 230v/50-60 Hz, 1.09 GPM/ 40 PSI Max , 6' Cord with Plug, 1/4" x 20' Discharge Tube |



FLOJET DISPENSING PUMPS

| Model No. | Description | |
|-----------------|--|--|
| 4100-500 | <ul style="list-style-type: none"> - 3.5 GPM @ 45 PSI - 115v - No Pressure Switch - 1/2" Hose Barb Connections | |