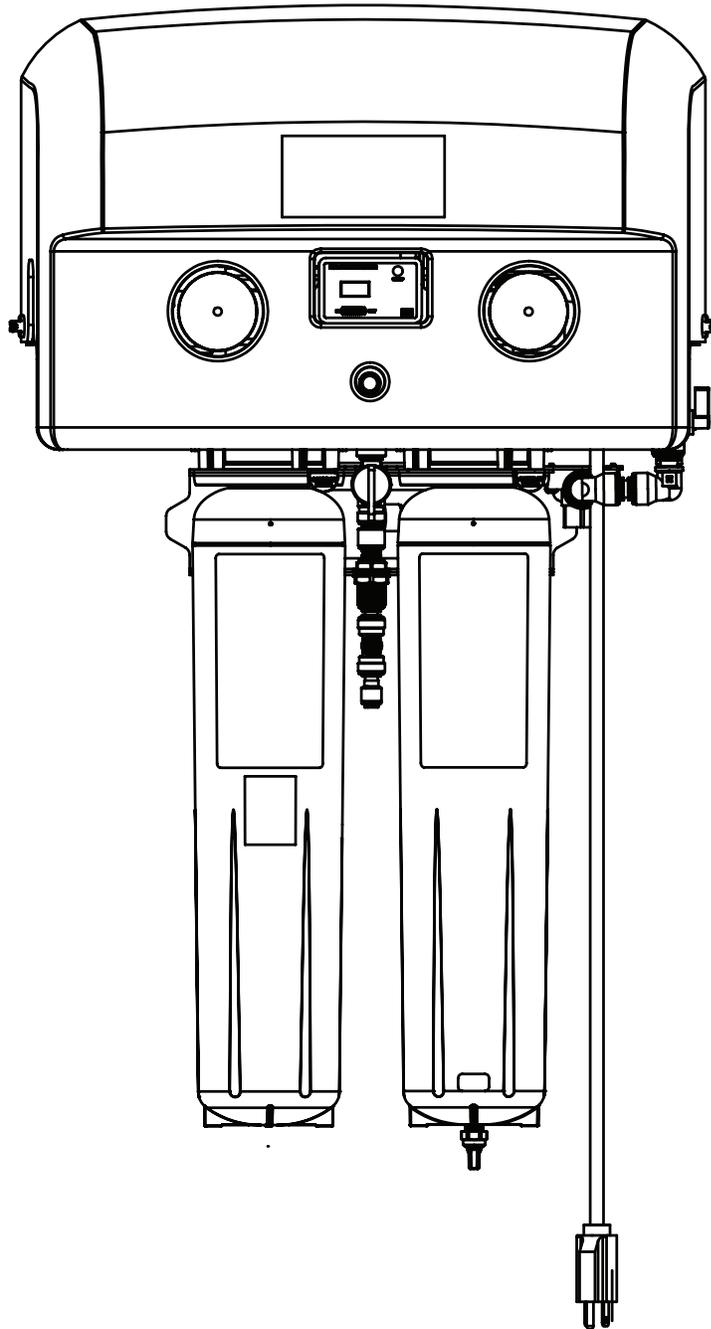


3M™ Water Filtration Products

Installation and Operation Instructions for ScaleGard™ HP Reverse Osmosis System



Installer: Please leave this manual with owner/operator.

Owner/Operator: Please retain for operation and future instructions.

Table of Contents

Safety Information.....	2	System Start-Up.....	9
Caution Statements.....	3	Troubleshooting Guide.....	10
Parts List	4	Product Replacement Parts	10
Feedwater Requirements.....	5	Routine Maintenance.....	11, Back Cover
Other Requirements	5	Limited Warranty.....	Back Cover
Equipment Set-Up and Installation.....	6		

SAFETY INFORMATION

Read, understand, and follow all safety information contained in these instructions prior to installation and use of the 3M™ Water Filtration Products ScaleGard™ HP reverse osmosis system. Retain these instructions for future reference.

Intended use:

The ScaleGard™ HP reverse osmosis system is intended for use in filtering potable water for foodservice coffee, espresso, cold beverage, ice, vegetable mister and steamer equipment and has not been evaluated for other uses. This system is a centralized multi-equipment reverse osmosis system, and must be installed by a qualified professional installer according to these installation instructions and local codes.

EXPLANATION OF SIGNAL WORD CONSEQUENCES	
 WARNING	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury and/or property damage.
 CAUTION	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury and/or property damage.
CAUTION	Indicates a potentially hazardous situation, which, if not avoided, may result in property damage.

 WARNING
<p>To reduce the risk associated with the ingestion of contaminants:</p> <ul style="list-style-type: none"> • Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. EPA Establishment #070595-CT-001 • An approved air gap must exist between the RO system reject drain line and the drain opening to comply with state and local plumbing codes.
<p>To reduce the risk associated with choking:</p> <ul style="list-style-type: none"> • Do not allow children under 3 years of age to have access to small parts during the installation of this product.
<p>To reduce the risk associated with hazardous voltage due to an installer drilling through existing electric or water pipes in the area of installation:</p> <ul style="list-style-type: none"> • Do not install near electric wiring or piping which may be in path of a drilling tool when selecting the position to mount the system bracket.
<p>To reduce the risk of physical injury:</p> <ul style="list-style-type: none"> • Depressurize system as shown in manual prior to cartridge removal. • All hydro-pneumatic pressurized tanks must have an appropriate pressure relief valve installed.
<p>To reduce the risk of injury associated with household bleach:</p> <ul style="list-style-type: none"> • Read and follow manufacturer's directions and cautions. • Keep out of the reach of children. • DO NOT intermix with other chemicals.
<p>To reduce the risk associated with ingestion of water contaminated with sanitizer:</p> <ul style="list-style-type: none"> • After installation, sanitizers must be flushed from the system before first use as directed within the installation instructions (dilute bleach solution).
<p>To reduce the risks associated with hazardous voltage:</p> <ul style="list-style-type: none"> • Do not modify this product in any way. Use only 3M-approved replacement parts.
<p>To reduce the risks associated with hazardous voltage:</p> <ul style="list-style-type: none"> • Do not use this product if any damage has occurred to the electrical portion of this product. • Refer repairs to 3M authorized service provider before putting product back into service.

WARNING

To reduce the risks associated with hazardous voltage:

- Remove power from product before performing maintenance or service.

CAUTION

To reduce the risk associated with back strain:

- Follow safe lifting procedures.

To reduce the risks associated with environmental contamination:

- At the end of useable life, dispose of this system in accordance with applicable local regulations or laws.

CAUTION

To reduce the risk associated with property damage due to water leakage:

- **Read and follow** Use Instructions before installation and use of this system.
- Installation and use **MUST** comply with all state and local plumbing codes.
- Before starting installation, shut off main water supply and drain pipes.
- **Protect from freezing**, remove filter cartridge when temperatures are expected to drop below 40 °F (4.4 °C).
- **Do not** install systems in areas where ambient temperatures may go above 110 °F (43.3 °C).
- **Do not install on hot water supply lines.** The maximum operating water temperature of this system is 100 °F (37.8 °C).
- **Do not** install if water pressure exceeds 125 psi (862 kPa). If your water pressure exceeds 80 psi (552 kPa), you must install a pressure limiting valve. Contact a plumbing professional if you are uncertain how to check your water pressure.
- **Do not install** where water hammer conditions may occur. If water hammer conditions exist you must install a water hammer arrester. Contact a plumbing professional if you are uncertain how to check for this condition.
- Where a backflow prevention device is installed on a water system, a device for controlling pressure due to thermal expansion must be installed.
- **Do not** use a torch or other high temperature sources near system, cartridges, plastic fittings or plastic plumbing.
- On plastic fittings, never use pipe sealant or pipe dope. Use PTFE thread tape **only**, pipe dope properties may deteriorate plastic.
- Take care when using pliers or pipe wrenches to tighten plastic fittings, as damage may occur if over tightening occurs.
- **Do not install** in direct sunlight or outdoors.
- **Do not install** near water pipes which will be in path of a drilling tool when selecting the position to mount the bracket.
- Mount system in such a position as to prevent it from being struck by other items used in the area of installation.
- Ensure that the location and fasteners will support the weight of the system when installed and full of water.
- Ensure all tubing and fittings are secure and free of leaks.
- The RO cartridge **MUST** be replaced every twenty four (24) months, or sooner if a noticeable increase in TDS occurs.
- The disposable filter cartridges **MUST** be replaced every six (6) months, at the rated capacity or sooner if a noticeable reduction in flow rate occurs.
- Tank Pre-charge Pressure should be checked yearly.
- All hydro-pneumatic pressurized tanks must have an appropriate pressure relief valve installed.
- Use flexible plumbing lines to system inlet and outlet connections.

IMPORTANT NOTES

- Failure to follow instructions will void warranty.
- Allow a minimum of 3" (6.72 cm) clear space under filter to facilitate cartridge change.
- Install with the inlet and outlet ports as labeled. Make sure not to reverse connections.
- Some local codes may require the use of a licensed plumber or certified installer when disrupting a potable water line.

Parts List

The following parts comprise the ScaleGard™ HP reverse osmosis system. Please unpack the contents from the product box and check to verify that all of the parts listed below are included. Should any parts be missing, please contact 3M Purification Inc. at 1-866-990-9785.

Description	Quantity	Part Number
ScaleGard™ HP Reverse Osmosis System	1	5629101 (110V with Pre-filter and RO)
		6239301 (110V w/out Pre-filter and RO)
		6239302 (220V w/out Pre-filter and RO)
HF90-CL-RO (Pre-Filter)	1	5613529
HFRO 500 (RO membrane)	1	5626903

Optional Equipment Sold Separately

Description	Quantity	Part Number
BEV140/BEV160 Post Filter (not included)	1	5616201/5616301
Pressure Tank (not included)	1	56-1517161
Install Kit (not included)	1	6841441

Feedwater Requirements

CAUTION

To reduce the risk associated with property damage due to water leakage:

- **Read and follow** Instructions before installation and use of this system.
- Installation and use **MUST** comply with all state and local plumbing codes.
- Before starting installation, shut off main water supply and drain pipes.
- **Do not install on hot water supply lines.** The maximum operating water temperature of this system is 100 °F (37.8 °C).
- **Do not** install if water pressure exceeds 125 psi (862 kPa). If your water pressure exceeds 80 psi (552 kPa), you must install a pressure limiting valve. Contact a plumbing professional if you are uncertain how to check your water pressure.
- **Do not install** where water hammer conditions may occur. If water hammer conditions exist you must install a water hammer arrester. Contact a plumbing professional if you are uncertain how to check for this condition.

IMPORTANT NOTES

- Be sure to confirm that the feedwater falls within the limits shown below. If unsure of the feedwater quality, check with your 3M™ Water Filtration Products distributor.

Inlet water pressure	30-125 psi (207-862 kPa)
Feed TDS	1,000 ppm Maximum
Hardness.....	<10 grains (171 mg/l)
Iron (Fe)	<0.1 mg/l
Hydrogen Sulfide.....	None Allowed
Feed pH	4-11
Free Chlorine.....	<0.1 mg/l
Manganese (Mn)	<0.05 mg/l
Turbidity	<5 NTU

Other Requirements

Power..... 110V (PN-5629101, 6239301), 220V (PN-6239302)

Equipment Set-Up and Installation

CAUTION

To reduce the risk associated with property damage due to water leakage:

- Read and follow Instructions before installation and use of this system.
- Installation and use **MUST** comply with all state and local plumbing codes.
- Before starting installation, shut off main water supply and drain pipes.
- **Protect from freezing**, remove filter cartridge when temperatures are expected to drop below 40 °F (4.4 °C).
- **Do not** install systems in areas where ambient temperatures may go above 110 °F (43.3 °C).
- **Do not install on hot water supply lines.** The maximum operating water temperature of this system is 100 °F (37.8 °C).
- **Do not** install if water pressure exceeds 125 psi (862 kPa). If your water pressure exceeds 80 psi (552 kPa), you must install a pressure limiting valve. Contact a plumbing professional if you are uncertain how to check your water pressure.
- **Do not** install where water hammer conditions may occur. If water hammer conditions exist you must install a water hammer arrester. Contact a plumbing professional if you are uncertain how to check for this condition.
- **Do not** use a torch or other high temperature sources near system, cartridges, plastic fittings or plastic plumbing.
- On plastic fittings, never use pipe sealant or pipe dope. Use PTFE thread tape **only**, pipe dope properties may deteriorate plastic.
- Take care when using pliers or pipe wrenches to tighten plastic fittings, as damage may occur if over tightening occurs.
- **Do not** install in direct sunlight or outdoors.
- Ensure all tubing and fittings are secure and free of leaks.
- The RO cartridge **MUST** be replaced every twenty four (24) months, or sooner if a noticeable increase in TDS occurs.
- The disposable filter cartridges **MUST** be replaced every six (6) months, at the rated capacity or sooner if a noticeable reduction in flow rate occurs.

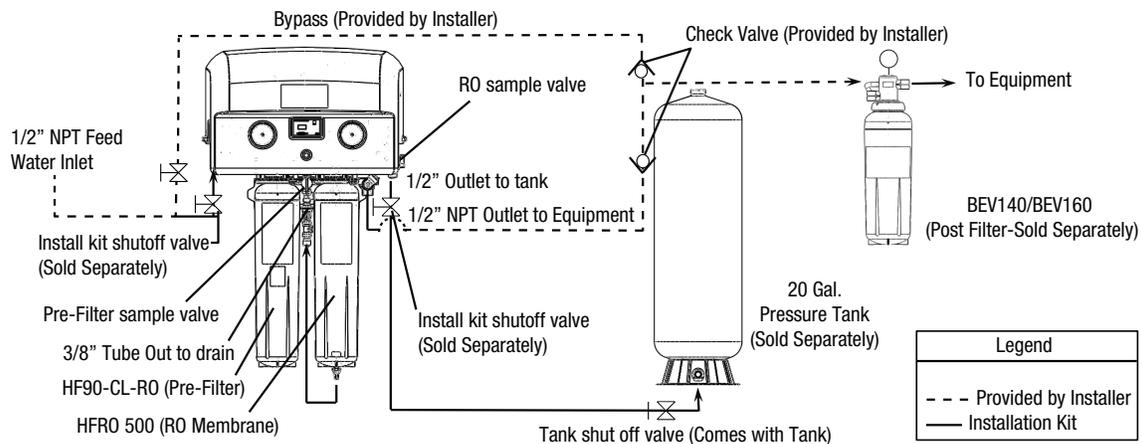
Equipment Location

Prior to installing the ScaleGard™ HP reverse osmosis system, carefully plan the installation location for all system components.

Position the ScaleGard™ HP reverse osmosis base unit and the pressure tank in desired locations as per (Figure 1).

1. Access to feedwater and drain line connection are required.
2. The ScaleGard™ HP reverse osmosis system components should ideally be accessible and have at least 3 inches (7.62 cm) clearance on all sides of the system to facilitate servicing.
3. The ScaleGard™ HP reverse osmosis base unit should ideally be installed within 15 ft (4.6 m) of the pressure tank and 0.5" or larger tubing diameter is required to complete installation.

Figure 1 — Plumbing Diagram



Wall Mounting the ScaleGard™ HP Base Unit

1. Draw a level line on the wall where the bracket is to be mounted. Hold bracket key holes on level line and mark locations for screws.
2. Install mounting screws (not included) into each of the initial key holes as shown in figure 2. Be sure to leave 1/8" to 1/4" (0.3 to 0.6 cm) space between the bottom of the screw head and the wall so that the bracket can be hung. (assume system weight of 50lbs.)

CAUTION

To reduce the risk associated with property damage due to water leakage:

- Mount ScaleGard™ HP base unit in such position as to prevent it from being struck by other items being used in the area of installation. Ensure that the location and fasteners will support the weight of the system when installed.

IMPORTANT NOTES

- Allow a minimum of 3" (7.62 cm) clear space under filter to facilitate cartridge change.

3. Hang manifold from the mounting screws.
4. Once the bracket is hung, tighten the mounting screws so that the bracket is snug between the screw and the wall.
5. Install remaining mounting screws in locations as shown in figure 2.

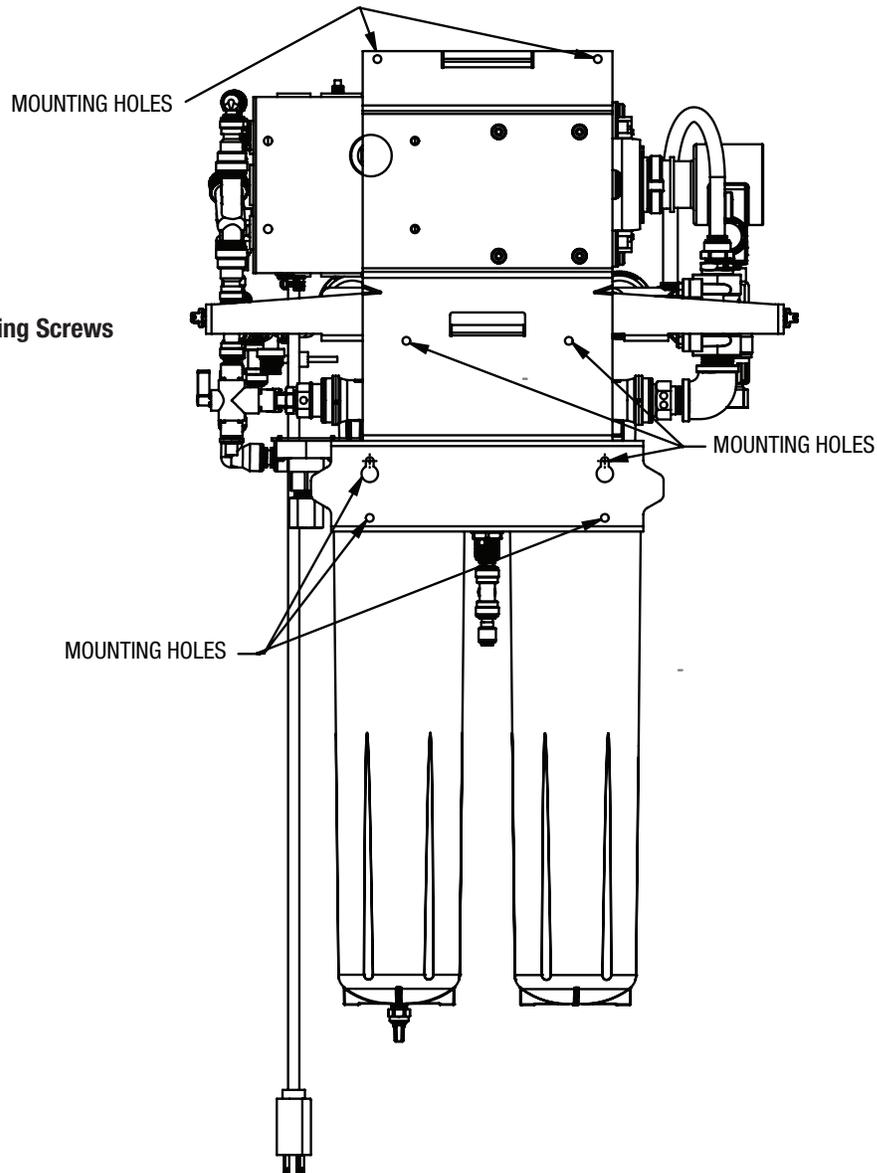


Figure 2 — Installing Mounting Screws

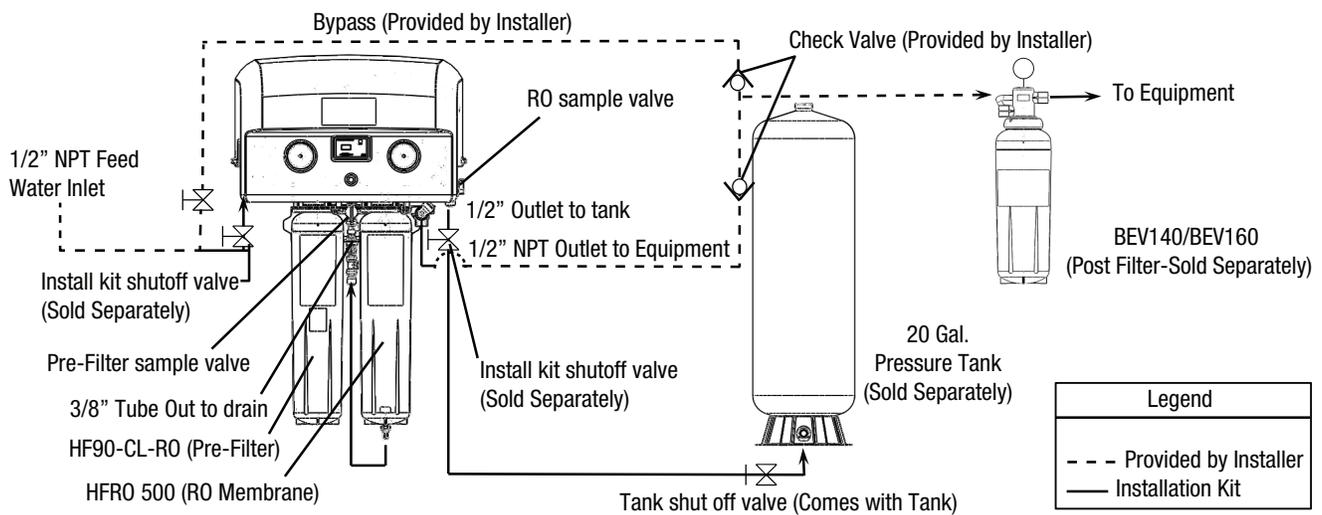
Plumbing Connections – tank pre-settings of 40-60 psi ([276 - 414 kPa])

1. Install feed water line to marked “Inlet” 1/2” NPT inlet connection.
2. Install RO water line from marked “Tank Outlet” to pressure tank (Sold Separately) . (Assemble and install pressure tank per instructions provided with tank.)
3. Install RO water line from marked “Equipment Outlet” to the foodservice equipment. If connecting to Beverage/Coffee equipment then the installation of an optional post filter is recommended.
4. Install drain line from marked “Drain Outlet” to the drain . An approved air gap must exist between the RO system reject drain line and the drain opening to comply with state and local plumbing codes.
5. Install 1/2’ Bypass line as shown on Figure 3-Plumbing Diagram.
6. Check air pressure on the pressure tank using the valve on the tank. With the tank empty, the pressure should read between 7-18 psi (48-124 kPa). Adjust as required.
7. Plumbing connections for the ScaleGard™ HP reverse osmosis system is now complete.

Install cartridge per instructions below.

To complete the System Start Up procedure for the ScaleGard™ HP reverse osmosis system please refer to the System Start Up section in page 9.

Figure 3 — Plumbing Diagram



HF90-CL-RO Cartridge (blue label) Installation:

1. Remove red sanitary cap from new cartridge. Install with a quarter turn to the right until cartridge come to a complete stop.
NOTE: Cartridges are keyed to fit in proper location only.

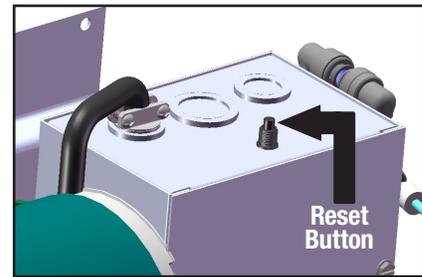
HFRO 500 Cartridge (green label) Installation:

1. Take out reject tubing by pushing in the collet and pulling out the tubing. (See figure 6 on back page).
2. Remove sanitary cap from new cartridge. Install with a quarter turn to the right until cartridge comes to a complete stop.
NOTE: Cartridges are keyed to fit in proper location only.
3. Place new flow control in reject tubing (supplied with cartridge).
4. Connect reject tubing to cartridge.

System Start Up

1. Turn ON the feedwater supply by plugging system into electrical outlet.
2. Press reset button on top of electrical enclosure (see Figure 4).
3. Open Pre-filter flush valve to vent air from system and flush for five (5) minutes.
4. Close flush valve.
5. Complete blending valve adjustment procedure below.
6. Allow tank to fill until the RO unit turns OFF on full tank (see chart).
7. Turn OFF the feedwater supply by unplugging system from electrical outlet.
8. Open pressure tank sample valve and empty tank to drain. Close tank sample valve.
9. **Sanitize the Storage Tank and Filtration System as per instructions below**

Figure 4 (Reset Button)



Sanitizing the storage tank generally requires:

- Common household bleach (5.25% non-scented) or sanitizing agent
 - Eye dropper or plastic oral syringe
- a.) Disconnect the 1/2" line from marked "Tank Outlet" to pressure tank.
 - b.) Insert 1 tablespoon of bleach or sanitizing agent into 1/2" line to pressure tank.
 - c.) Reconnect the 1/2" line to pressure tank.
 - d.) Turn ON the feedwater supply by plugging system into electrical outlet.
 - e.) Wait 4-5 hours.
 - f.) Open pressure tank sample valve and empty tank to drain.
 - g.) Sanitizing is now complete.
 - h.) If there is any residual chlorine/bleach taste in the next tank full, drain tank completely a second time.
10. Allow tank to fill again.
System is now ready for use.

Optional Tanks (Sold Separately)

Part Number	Pressure Volume	Approximate Time to Fill
5598407	10 gallons (38 liters)	0.3 hours
5598408	20 gallons (76 liters)	0.6 hours
5598409	40 gallons (151 liters)	1.2 hours

Blending Valve Adjustment Procedure

IMPORTANT NOTES:

- Typical TDS (Total Dissolved Solids) values for coffee are 80-200 ppm and occasionally lower for espresso, depending upon taste preference.
- The blending valve should be set at start-up and checked periodically, for example when changing filter cartridges. The valve is a precision metering valve, that may be locked by tightening lock nut.
- In order to set the blending valve, bypass valve must be closed. The system TDS output can be measured via the TDS meter position "out". The system TDS input can be measured via the TDS meter position "in".

1. Close the outlet shut-off valve to downstream equipment and the tank shut-off valve and open the RO sample valve at the tank.
3. To adjust blending, rotate the blending valve to the left (counterclockwise) to increase the product water TDS and to the right (clockwise) to decrease the product water TDS. The valve should be opened intermittently at 1.0 to 1.5 turns at a time. Check the TDS after each incremental adjustment and again two (2) minutes after the desired TDS value is reached. Re-adjust and check, as needed.
4. Lock the blending valve using the lock nut.

IMPORTANT NOTE: The TDS Meter is push-button operated and requires two (2) 357A batteries. (included in TDS meter)

Troubleshooting Guide

Problem	Possible Cause	Solution	Notes
Unit Runs Low or Out of Water	Undersized tank for store demand	Install additional storage tank capacity	Contact Dealer
	RO production is to low for store demand	Install RO add-on head and cartridge	Contact Dealer
		Upgrade from HFRO 500 to HFRO 700 Cartridge	
	Slow leak in the distribution line	Repair leak	The unit produced RO water slowly. A dripping leak can prevent the tank from filling.
RO membrane flow control improperly installed or missing	Properly install RO membrane Flow control	Note: Reference RO cartridge change-out instructions	
System shuts down and "service" indicator light turns on	Pre-Filter plugs	Replace Pre-Filter	A more frequent schedule change-out may be needed
	RO membrane fouls (normal conditions)	Replace RO membrane	Check for: 1. feedwater pressure, 2. production flow rate, 3. drain flow rate before replacing RO membrane
		Ensure drain line is not kinked or plugged. Replace if needed.	
	RO membrane fouls (high feed water hardness/TDS)	Install RO add-on head and cartridge	Contact Dealer
		Install water softener upstream	
Interrupted feedwater supply	Press Reset button on top of electrical enclosure	Reference system startup procedure	
Low feedwater pressure (below 30 psi)	Contact plumber to resolve problem	Reference system startup procedure once low feed water problem is resolved	
TDS of product water too low	Blend too low	Re-adjust blending valve to allow more blending	Reference Blending Valve Adjustment
TDS of product water too high	Blend to high	Re-adjust blending valve to allow less blending	Reference Blending Valve Adjustment
TDS of product water too high with no blending	RO membranes defective	Replace RO membranes	—
TDS meter not operating	Low battery	Replace TDS meter batteries	—

Replacement Parts

Part Number	Description
96-410501	Pressure Reducer/Regulator (Contact Dealer)
60-9052	Inlet ball valve (Contact Dealer)
22-518801	PLC (Contact Dealer)
8500557	Pressure Gauge (Contact Dealer)
60-125001	Permeate Solenoid (Contact Dealer)
85-9274	Shroud (Contact Dealer)
89-3220101	Pump Head (Contact Dealer)
89-2302	Pump Motor (Contact Dealer)
5613529	HF90-CL-RO Pre-Filter
5626903	HFRO 500 Cartridge
6232631	TDS Monitor
24-5500101	Flow Switch
25-15503Z	Pressure Switch (40/60 psi)
50-92101/Z	Inlet Solenoid (Contact Dealer)

Routine Maintenance

Cartridge Change-Out Instructions (Pre-Filter and RO Cartridge)

⚠ WARNING

To reduce the risk associated with the ingestion of contaminants:

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

To reduce the risk associated with choking:

- Do not allow children under 3 years of age to have access to small parts during the installation of this product.

To reduce the risk of physical injury:

- Depressurize system as shown in manual prior to cartridge removal.

To reduce the risk of injury associated with household bleach:

- Read and follow manufacturer's directions and cautions.
- Keep out of the reach of children.
- DO NOT intermix with other chemicals.

To reduce the risk associated with ingestion of water contaminated with sanitizer:

- After installation, sanitizers **must** be flushed from the system before first use as directed within the installation instructions (dilute bleach solution).

CAUTION

To reduce the risk associated with property damage due to water leakage:

- Protect from freezing, remove filter cartridge when temperatures are expected to drop below 40 °F (4.4 °C).
- Do not install systems in areas where ambient temperatures may go above 110 °F (43.3 °C).
- The RO cartridge **MUST** be replaced every twenty four (24) months, or sooner if a noticeable increase in TDS occurs.
- The disposable filter cartridges **MUST** be replaced every six (6) months, at the rated capacity or sooner if a noticeable reduction in flow rate occurs.

IMPORTANT NOTE:

The RO cartridges have green labels and will only fit into the head on the right side of the manifold (head has a green 3M label).

Shut-Off procedure:

HFRO 500 Cartridges will need to be changed at least every twenty four (24) months. HF90-CL-RO cartridge will need to be changed every six (6) months.

1. Unplug system from the wall outlet, which will shutoff feedwater to RO system.
2. Open Pre-filter sample valve until flow stops and pressure gauge reaches 0 psi to relieve pressure.

HF90-CL-RO Cartridge (blue label) Replacement:

1. Remove red sanitary cap from new cartridge. Install with a quarter turn to the right until cartridge come to a complete stop.
NOTE: Cartridges are keyed to fit in proper location only.

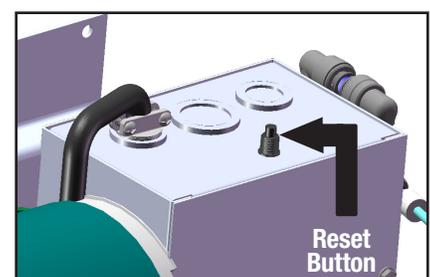
HFRO 500 Cartridge (green label) Replacement:

1. Take out reject tubing by pushing in the collet and pulling out the tubing. (See figure 6 on back page).
2. Remove sanitary cap from new cartridge. Install with a quarter turn to the right until cartridge comes to a complete stop.
NOTE: Cartridges are keyed to fit in proper location only.
3. Place new flow control in reject tubing (supplied with cartridge).
4. Connect reject tubing to cartridge.

System Start Up

1. Turn ON the feedwater supply by plugging system into electrical outlet.
2. Press reset button on top of electrical enclosure (see Figure 5).
3. Open Pre-filter valve sample valve to vent air from system and flush for five (5) minutes.
4. Close sample valve.

Figure 5 (Reset Button)



Routine Maintenance (Cont.)

Cartridge Change-Out Instructions (Pre-Filter and RO Cartridge)

System Start Up cont.

- Sanitize the Storage Tank and Filtration System as per instructions below

Sanitizing the storage tank generally requires:

- Common household bleach (5.25% non-scented) or sanitizing agent
- Eye dropper or plastic oral syringe

- Disconnect the 1/2" line from marked "Tank Outlet" to pressure tank.
- Insert 1 tablespoon of bleach or sanitizing agent into 1/2" line to pressure tank.

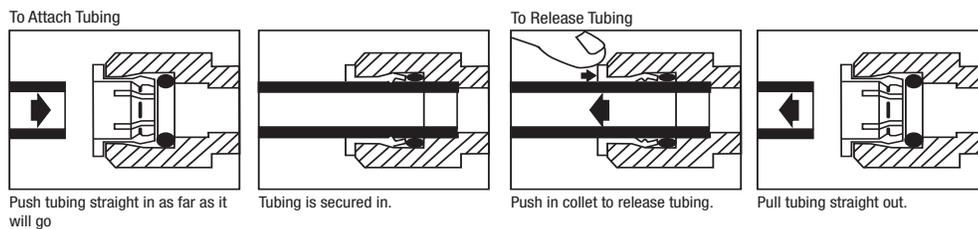
- Reconnect the 1/2" line to pressure tank.
 - Turn ON the feedwater supply by plugging system into electrical outlet.
 - Wait 4-5 hours.
 - Open pressure tank sample valve and empty tank to drain.
 - Sanitizing is now complete.
 - If there is any residual chlorine/bleach taste in the next tank full, drain tank completely a second time.
- Allow tank to fill again.
System is now ready for use.

Figure 6 (How to Use "Push-in" Connectors)

This product is outfitted with a user friendly 'Push In' connector at the vent valve. Proper use of the connectors is shown in the figure below. It is most important that the tubing selected for use with these connectors be of high quality, exact size and roundness, and with no surface nicks or scratches. If it is necessary to cut the tubing, use a plastic tubing cutter or sharp razor knife. Make a clean square cut. Should a leak occur at a "Push-In" connector, the cause is usually a problem with the tubing.

To Fix:

- Relieve pressure
- Release tubing
- Cut off at least 1/4" from end
- Reattach tubing
- Confirm connection is leak free



Limited Warranty

3M Purification Inc. warrants this Product (excluding disposable filter cartridges(s)) will be free from defects in material and manufacture for one (1) year from the date of purchase. The disposable filter cartridge or membrane is warranted from defects in material and manufacture for a period of one (1) year from the date of purchase. This warranty does not cover failures resulting from abuse, misuse, alteration or damage not caused by 3M Purification Inc. or failure to follow installation and use instructions. No warranty is given as to the service life of any filter cartridge or membrane as it will vary with local water conditions and water consumption. **3M PURIFICATION INC.**

MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOMER OR USAGE OF TRADE. If the Product fails to satisfy this Limited Warranty during the warranty period, 3M Purification Inc. will replace the Product or refund your Product purchase price. This warranty does not cover labor. The remedy stated in this paragraph is Customer's sole remedy and 3M's exclusive obligation.

This warranty gives you specific legal rights, and you may have other rights which may vary from state to state, or country to country. For any warranty questions, please call (866) 990-9785 or mail your request to: Warranty Claims, 3M Purification Inc., 400 Research Parkway, Meriden, CT 06450. Proof of purchase (original sales receipt) must accompany the warranty claim, along with a complete description of the Product, model number and alleged defect.

Limitation of Liability

3M Purification Inc. will not be liable for any loss or damage arising from the use of the Product(s), whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.



3M Purification Inc.

400 Research Parkway
Meriden, CT 06450, U.S.A.
Tel (866) 990-9785
(203) 237-5541
Fax (203) 238-8701
www.3MFoodservice
www.3Mpurification.com

3M is a trademark of 3M Company.
ScaleGard is a trademark of 3M Company.
© 2012 3M Company. All rights reserved.
Please recycle. Printed in U.S.A.
INSTR4400 1012