

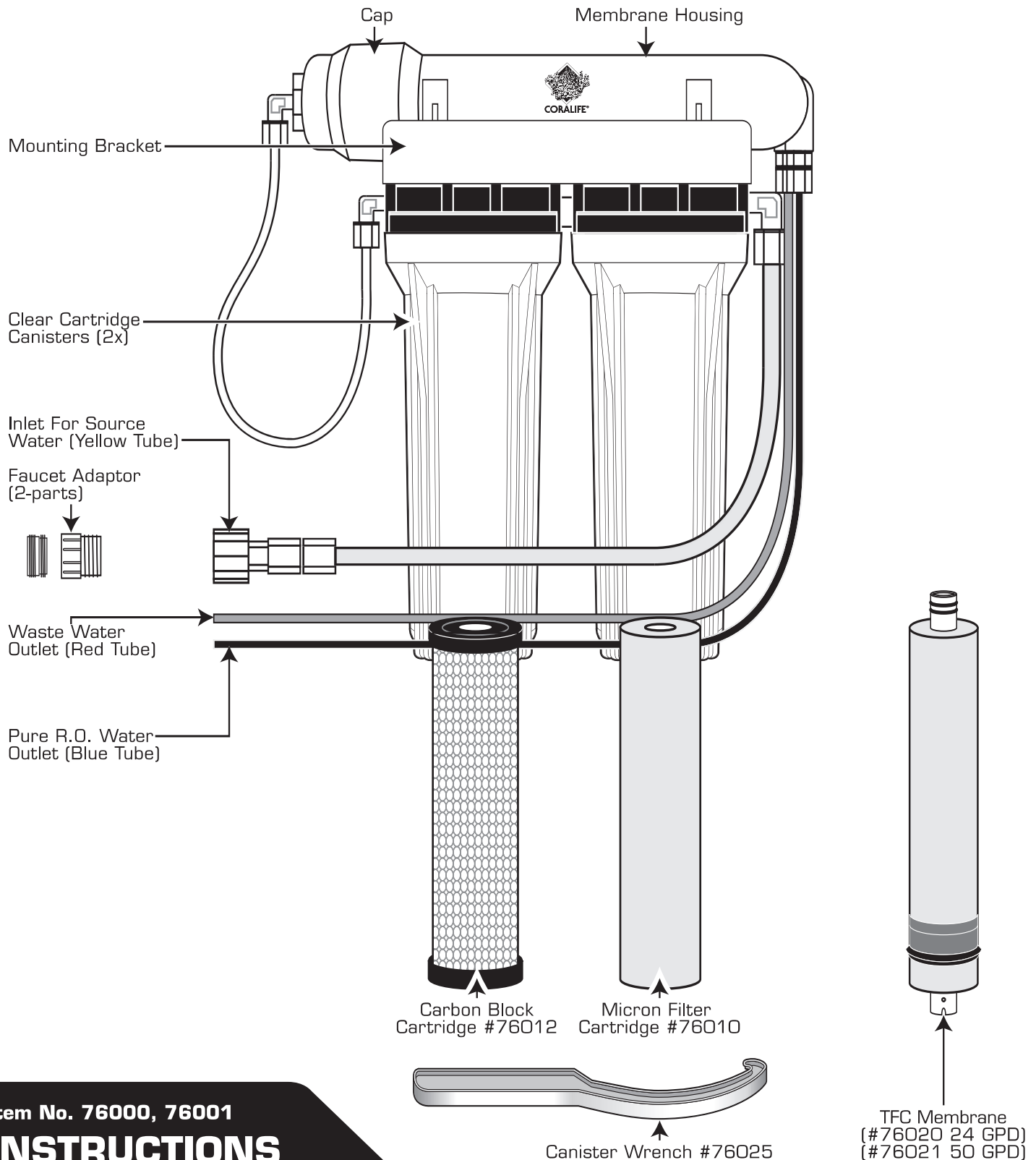


PURE-FLO II™ PREMIUM TFC REVERSE OSMOSIS WATER PURIFICATION SYSTEM



READ AND FOLLOW ALL SAFETY INSTRUCTIONS

PARTS IDENTIFICATION



Item No. 76000, 76001

INSTRUCTIONS



PREMIUM TFC REVERSE OSMOSIS WATER PURIFICATION SYSTEM



MEMBRANE INSTALLATION

SAFETY NOTE: Make sure to follow instructions in their entirety. Failure to follow these directions may damage unit and/or cause unit failure

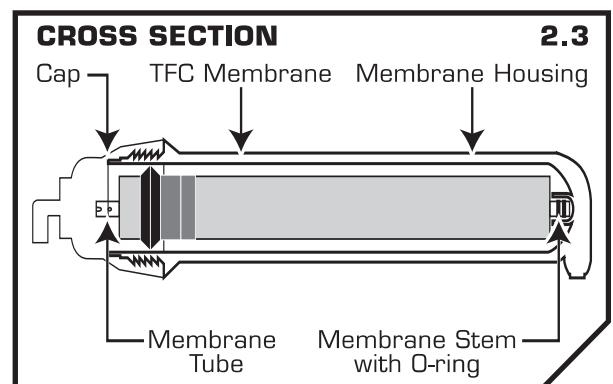
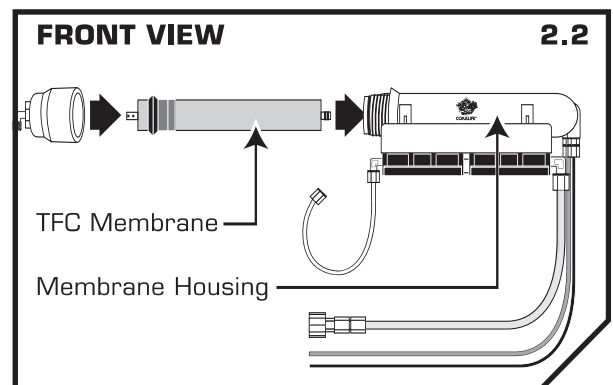
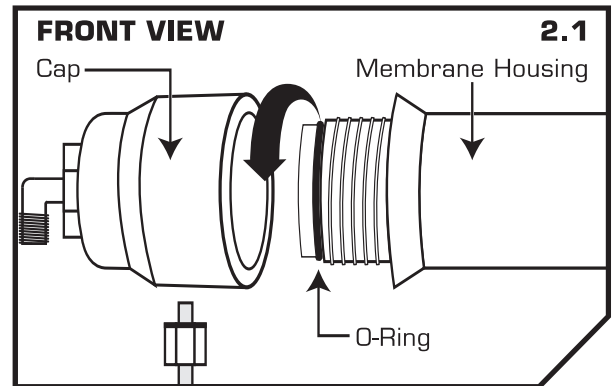
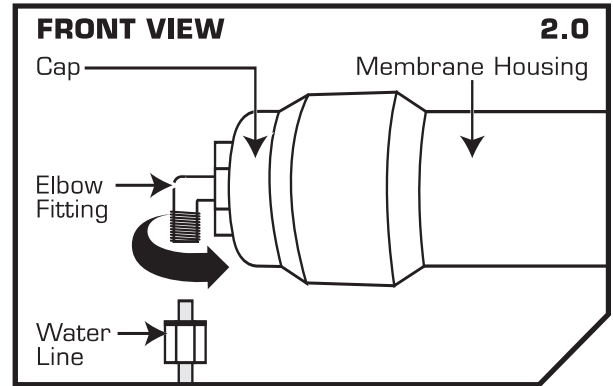
1. Unscrew elbow fitting from membrane housing cap and remove water line. (2.0)
2. Remove cap from membrane housing. (2.1)
3. Insert TFC membrane inside membrane housing. (2.2)
4. Make sure that the membrane stem with O-ring is securely fastened into the membrane housing. (2.3)

NOTE: The TFC membrane should be tightly seated inside the membrane housing. The membrane tube should extend 1/8" to 1/4" outside the membrane housing.

5. Replace membrane housing cap.
6. Insert water line into elbow fitting and tighten connection.
7. **Make sure all fitting connections are tightly fastened.**

MEMBRANE PRESERVATION

1. The membrane should never be stored dry.
2. The membrane can be stored by being saturated in the R.O. system for up to 30 days.
3. If the membrane is not to be used for more than 30 days, it can be refrigerated for preservation. To refrigerate, place the membrane in a resealable bag with a couple of teaspoons of purified water and store in refrigerator, **being careful not to freeze the membrane.**
4. Membrane efficiency and life expectancy may be improved by flushing the membrane regularly. Flushing every month or 1000 gallons of water produced will decrease mineral buildup on the membrane (see Maintenance for flushing membrane).



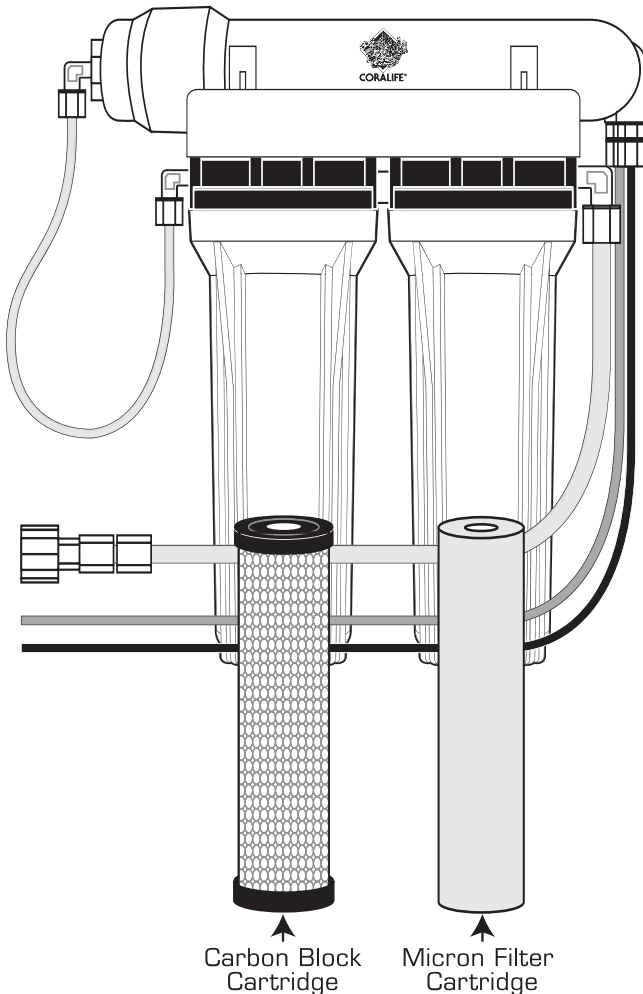


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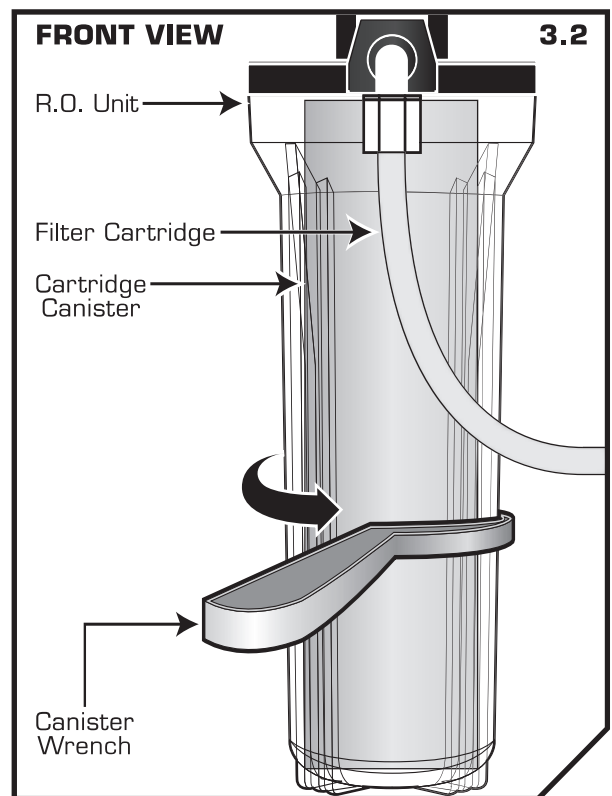
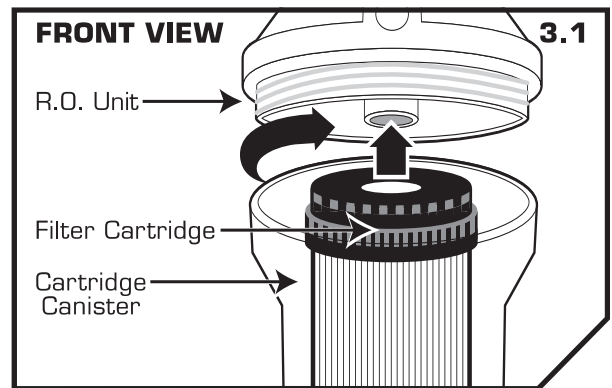
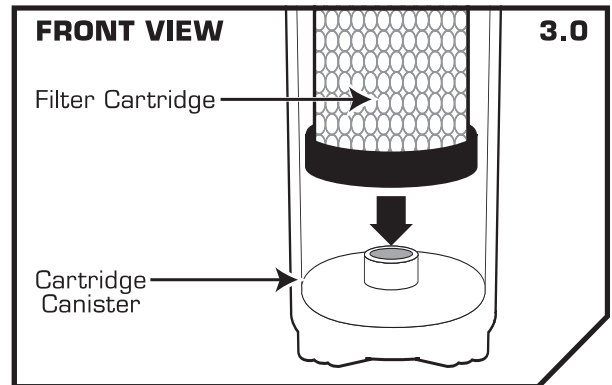


FILTER CARTRIDGE INSTALLATION

SAFETY NOTE: Make sure to follow instructions in their entirety. Failure to follow these directions may damage unit and/or cause unit failure



1. Insert filter cartridge into cartridge canister. (3.0)
NOTE: Make sure filter cartridge opening is securely placed inside cartridge canister.
2. Screw cartridge canister with cartridge into R.O. unit. (3.1)
NOTE: Make sure filter cartridge opening is securely placed into R.O. unit.
3. Use canister wrench to tighten cartridge canister connection with R.O. unit. (3.2)
4. Make sure all cartridge canister connections are tightly fastened.



Item No. 76000, 76001

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R.O SYSTEM INSTALLATION

SAFETY NOTE: Discard the first 10 gallons of pure R.O. water produced.

1. R.O. System should be installed where there is sufficient area to access cartridge canisters and membrane housing.
2. Attach inlet (yellow tube) to source water or well water supply.

INDOOR FAUCET ATTACHMENT (4.0)

1. Remove faucet screen from faucet.
2. Attach faucet adaptor to faucet.
3. Connect inlet for source water (yellow tube) to faucet.

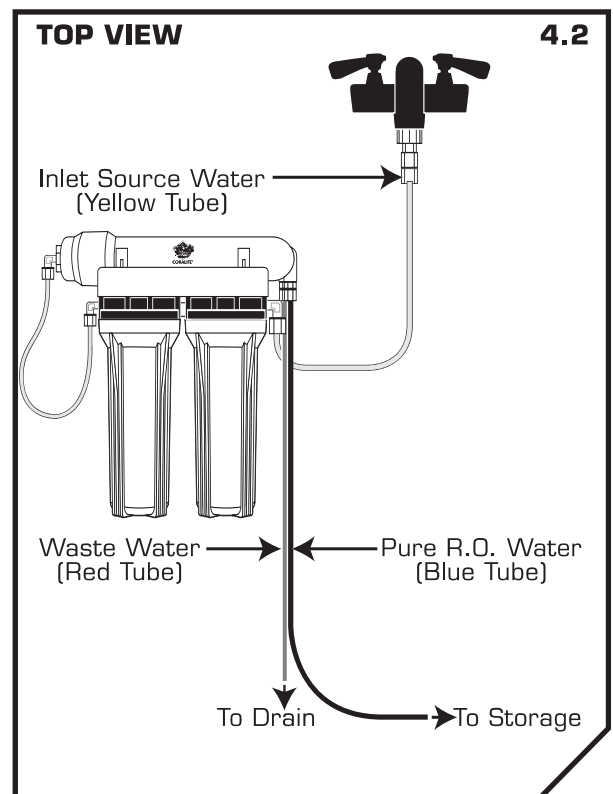
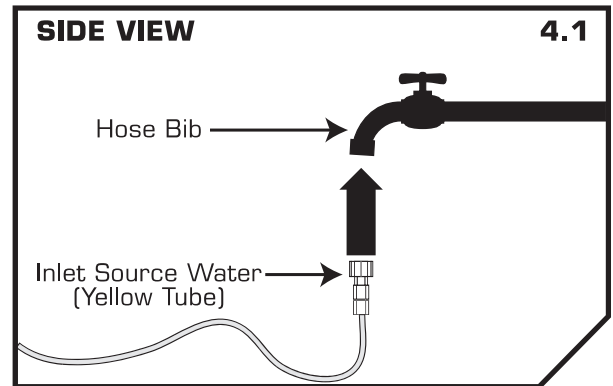
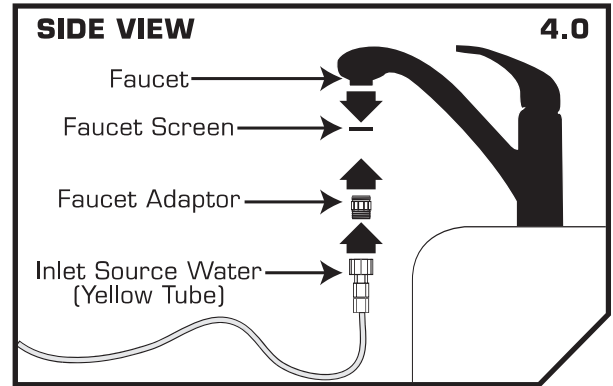
OUTDOOR FAUCET ATTACHMENT (4.1)

1. Connect inlet for source water (yellow tube) to hose bib.

3. Route waste water outlet (red tube) to drain or waste container.
4. Route pure R.O. water outlet (blue tube) to storage container.
5. Check all plumbing fittings, membrane housing cap and cartridge canisters are tightly fastened.
6. Turn on water supply and check all connections for leakage.

NOTE: Make sure that water is discharging from both water outlets.

SAFETY NOTE: If leaking does occur, turn off water supply, unscrew and re-tighten leaking connection.



Item No. 76000, 76001

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PURE-FLO^{II} PREMIUM TFC REVERSE OSMOSIS WATER PURIFICATION SYSTEM



R.O SYSTEM MAINTENANCE

FILTER MAINTENANCE

1. Replace prefilters every six months or 2,500 gallons of total water produced, whichever occurs first.

NOTE: Proper filter maintenance is necessary to extend the life of the membrane and the quality of the water produced. The quality of source water can extend or shorten the effective life of the prefilters. In locations with extremely poor quality source water, it may be necessary to replace prefilters as often as once a month.

CAUTION: If particulates are forced through a fouled prefilter, the membrane can be damaged.

CAUTION: If the carbon prefilter is not replaced periodically, chlorine and organics will be present in the pure R.O. water.

MEMBRANE MAINTENANCE

1. Flush membrane every month or 1000 gallons of total water produced, whichever occurs first.

FLUSHING TFC MEMBRANE (5.0)

NOTE: Teflon tape may be needed for the threaded fittings.

1. Remove waste water outlet fitting (red tube) and pure R.O. water fitting (blue tube) from membrane housing. (5.1)
2. Switch waste water outlet fitting (red tube) and pure R.O. water fitting (blue tube) connection to membrane housing. (5.2)
3. Attach fittings to membrane housing.
4. Turn on water supply and operate for 15 minutes.

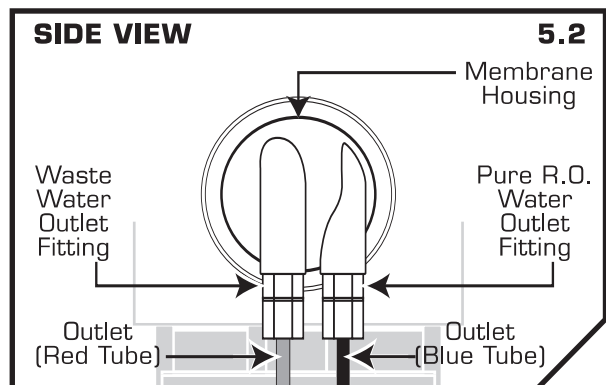
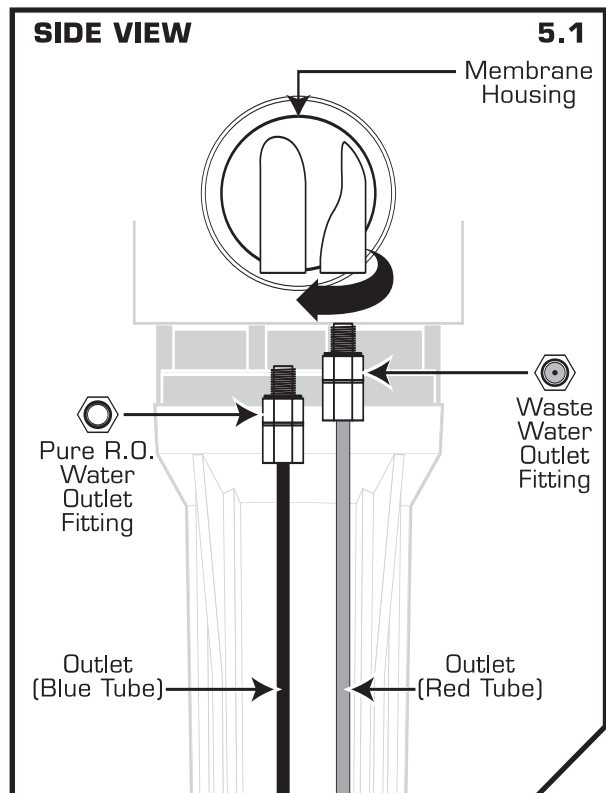
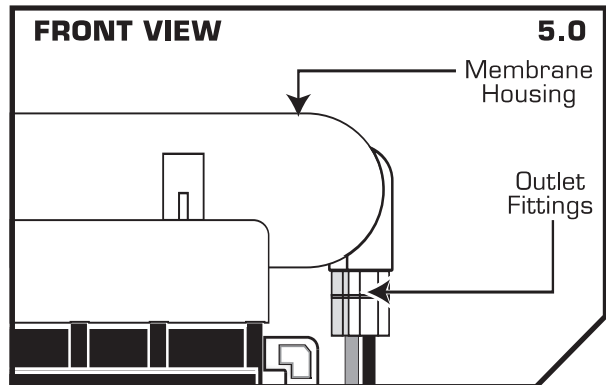
NOTE: Make sure to discard water collected from blue outlet.

5. After flushing, return to original configuration.

2. Replace membrane every 2-3 years or 12,000 - 18,000 gallons of total water produced, whichever occurs first.

TROUBLE SHOOTING

Symptom	Possible Causes
Low Water Production	Low source water pressure High total dissolved solids Low temperature source water Clogged prefilter
High Water Production	Membrane not properly seated
Poor Water Quality	Membrane not properly seated Membrane failure





**PREMIUM TFC REVERSE OSMOSIS
WATER PURIFICATION SYSTEM**



Energy Savers Unlimited

12 Month Limited Warranty

WHAT THE WARRANTY COVERS:

Energy Savers Unlimited (Company) warrants this product (see Exclusions below) to the original purchaser against defective material and workmanship that occurs during normal use for 12 months from the date of original purchase. Company will, at Company's option, either repair or replace same without charge (but no cash refunds will be made).

EXCLUSIONS:

1. Damage resulting from accident, misuse, abuse, lack of reasonable care, subjecting the product to any but the specified electrical service, other than normal and ordinary use of the product, subjecting the product to abnormal working conditions or any other failure not resulting from defects in materials or workmanship.
2. Damage resulting from modification, tampering with or attempted repair by anyone other than the Company.
3. Transfer of product to someone other than the original consumer purchaser.

WHAT YOU MUST DO TO ENFORCE WARRANTY:

1. Contact the Company by mail or telephone: Energy Savers Unlimited 910 E. Sandhill Ave. Carson, CA 90746
E-mail: info@esuweb.com Tel: (310) 851-8999 to obtain a **RETURN AUTHORIZATION NUMBER**.
2. Deliver, mail or ship the product, together with a copy of the original bill of sale to:

**Energy Savers Unlimited
910 E. Sandhill Ave.
Carson, CA 90746**

You must pay any postage, shipping charges, insurance costs and other expenses to return the product to Energy Savers Unlimited, Inc., Carson, CA. However, if the necessary repairs are covered by the warranty, Company will pay the return shipping charges to any destination within the United States or Canada.

LIMITATION OF IMPLIED WARRANTIES AND EXCLUSION OF CERTAIN DAMAGES:

THE COMPANY DISCLAIMS LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, WITH RESPECT TO THIS PRODUCT. THIS WRITING CONSTITUTES THE ENTIRE AGREEMENT OF THE PARTIES WITH RESPECT TO THE SUBJECT MATTER HEREOF; NO WAIVER OR AMENDMENT SHALL BE VALID UNLESS IN WRITING SIGNED BY THE COMPANY. Some states do not allow the exclusion or limitation of consequential damages, so the above limitation or exclusion may not apply to you.

INSTALLATION NOTE:

This unit should be installed by a licensed plumber to adhere to all local codes. It is the responsibility of the purchaser to insure that all fittings are tight and that the unit is installed in compliance with local building codes.

WARNING:

Household water pressure can cause leaks and damage surrounding building and fixtures if not properly installed! It is the responsibility of the purchaser to check all connections for leakage. Energy Savers Unlimited assumes no responsibility for water damage due to leaks.