

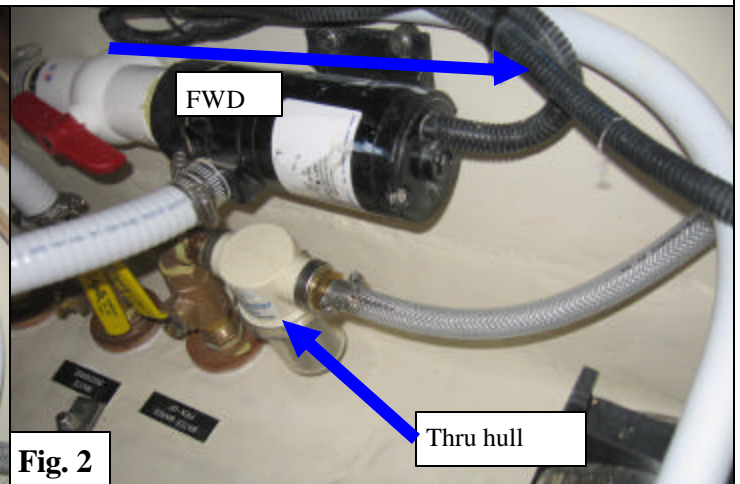
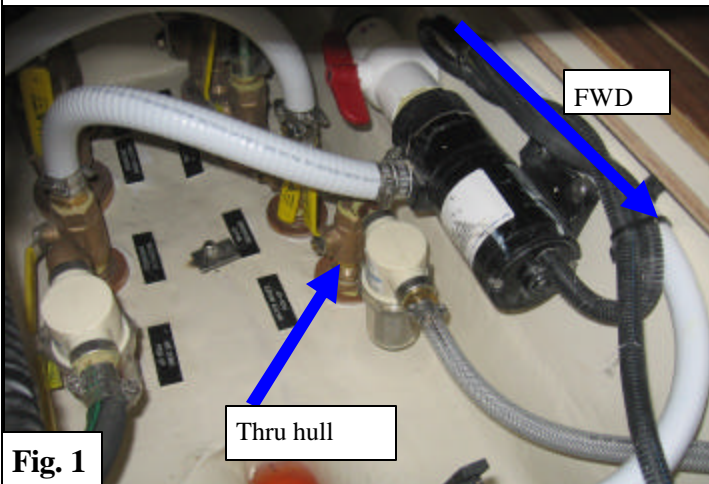
45CC Water Maker Installation

Note:

1. **DISCONNECT ALL ELECTRICAL POWER, TURN OFF MAIN SWITCH BEFORE PROCEEDING ANY INSTALLATION.**
2. **ALWAYS USE OWNER'S MANUAL VENDER THAT VENDER SUPPLIED WITH THIS INSTALLATION PROCEDURE.**

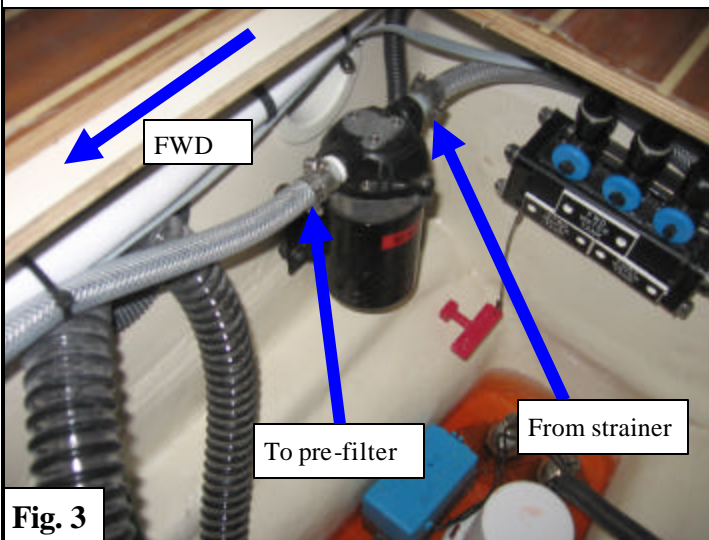
Bilge Thru-Hull :

1. Install water maker inlet thru hull in main bilge discharge location, locate the thru hull 3-1/2" forward of port side fwd thru hull fitting.
2. Make sure the inlet scoop facing forward and apply Marine sealant 5200 caulking around the to seal the thru hull. And ball valve should be facing inboard and the handle pointing upward when valve opens.
3. Install strainer after the thru hull installation is complete.
4. Make sure to use pipe thread sealant for hoses to fittings connection, 2 hose clamps are required for each connection. (See figure 1 & 2)



Booster Pump :

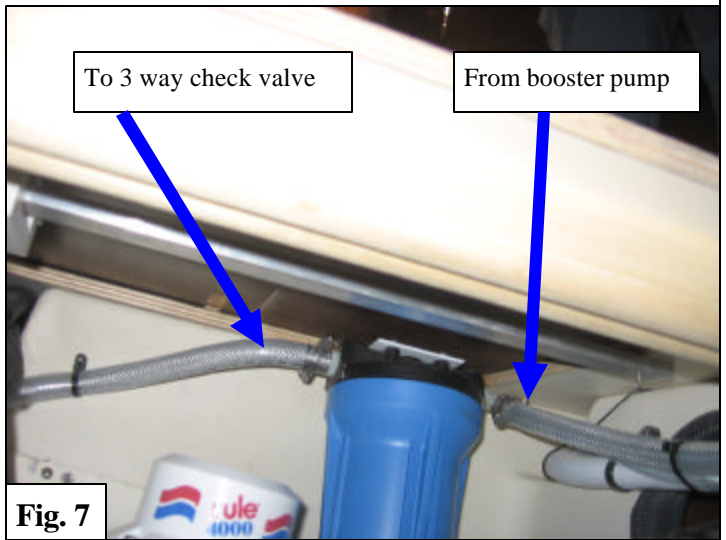
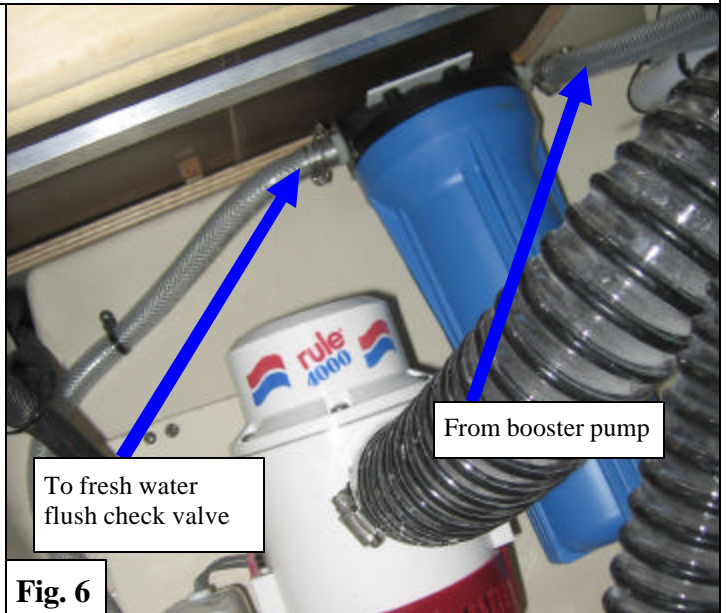
1. Install the booster pump in the main bilge compartment by fresh water tank manifold, mount and secure the pump to stringer using designated fasteners.
2. Connect the hose that is from strainer to booster pump inlet fitting then secure the hose to fitting using 2 designated hose clamps. (See figure 3 & 4)



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Feed Water Prefilter:

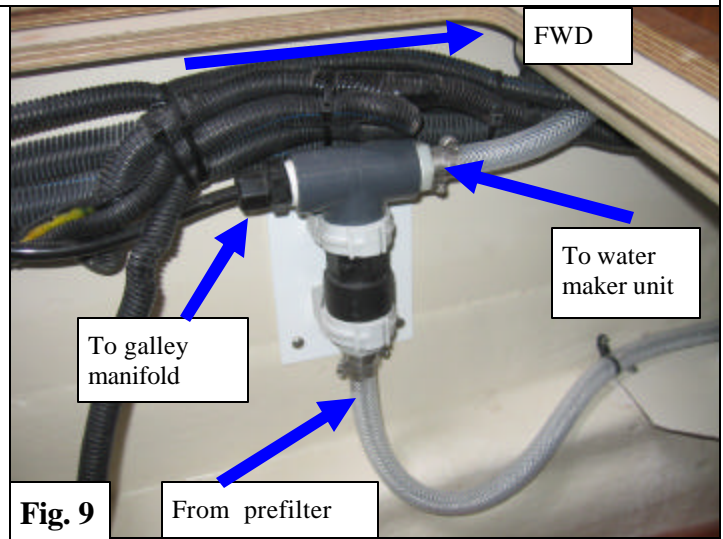
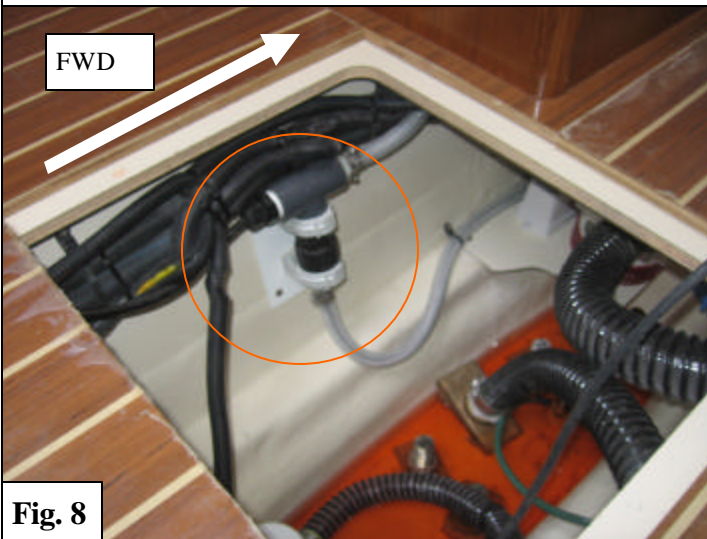
1. Install the pre-filter (blue) in the main bilge compartment by high water bilge pump, mount and secure the pump to stringer using designated fasteners (comes with water maker).
2. Connect the hose that is from booster pump outlet fitting to prefilter inlet fitting, secure the hose to fitting using 2 designated hose clamps. (See figure 5, 6 & 7)



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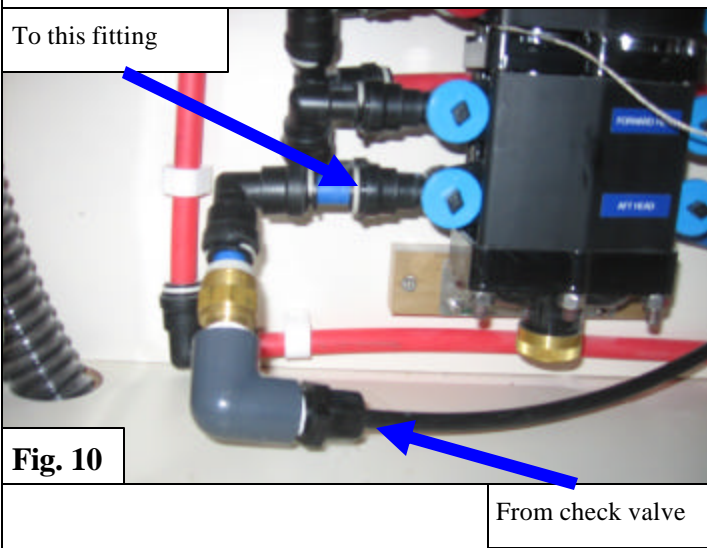
Fresh Water Flush, Check Valve:

1. Install the 3 way check valve (fresh water) in the main bilge compartment aft to high water bilge pump, mount and secure the 3 way valve to stringer using designated fasteners (comes with water maker).
2. Connect the hose that is from pre-filter outlet fitting to bottom inlet fitting of the valve.
3. Connect hose to the upper fwd end fitting of the valve and run the hose to port side main cabin bunk fwd compartment (water maker unit will be installed in this compartment).
4. Connect black plastic tubing to the aft fitting of the valve then run the tubing to galley lower cabinet for further installation.
5. secure the hoses and tubing to the 3 way fresh water flush valve (See figure 5, 6 & 7)



Tubing to Galley Manifold:

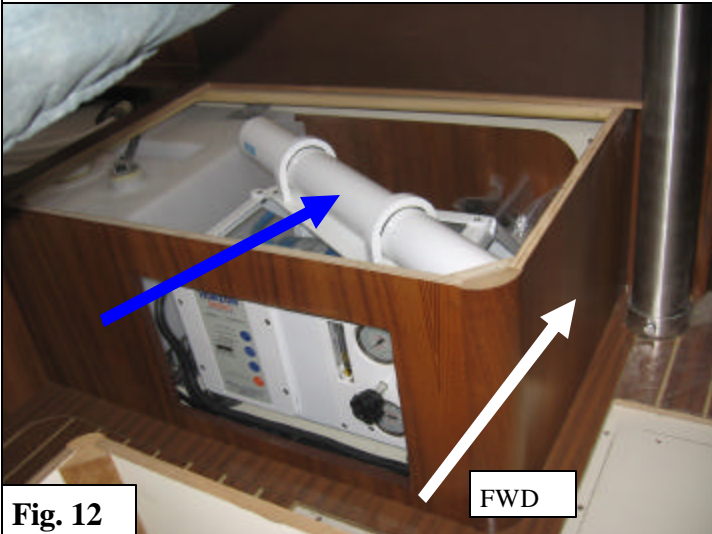
1. Install black tubing to 90° then install brass nipple for 15mm blue tubing then install 15mm regular elbow then install the assembly to galley manifold lower left fitting.(See figure 10 & 11).
2. Make sure all connection will not leak.



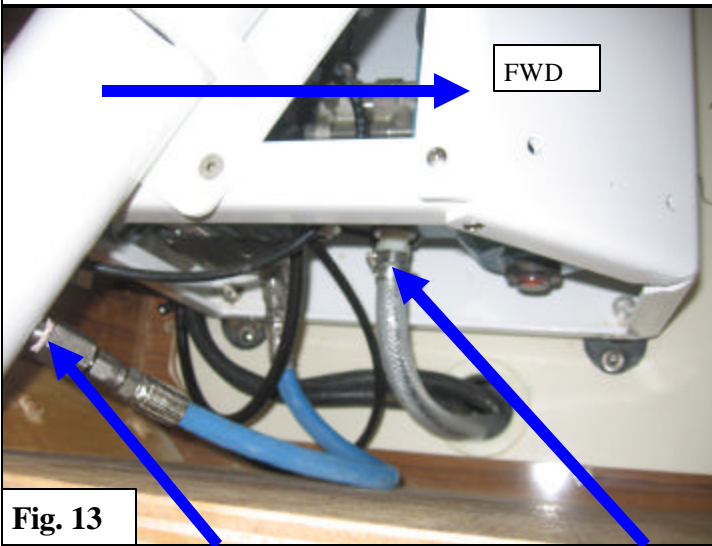
45CC Water Maker Installation

Water Maker Unit:

1. Mount and secure the water maker unit inside the main cabin bunk fwd compartment (the control panel facing afterward).
2. Install the main filter with the inlet fitting at tank side, install and secure the hoses that connect to the R.O Membrane Element.
3. Ensure to conduit all electric wire during installation.

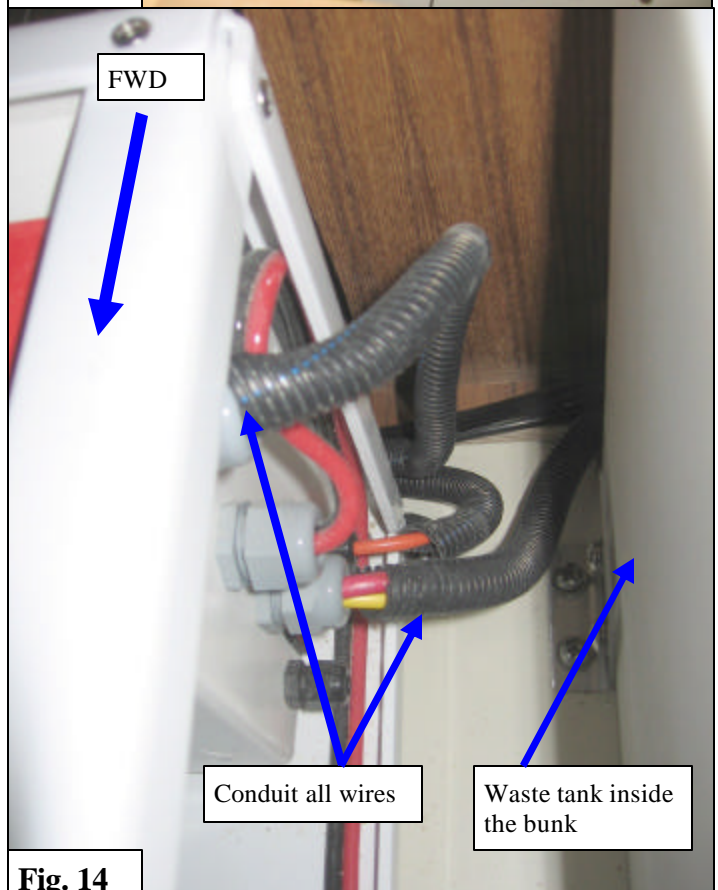


Install the RO Membrane element like in the shown picture



Filter outlet fitting

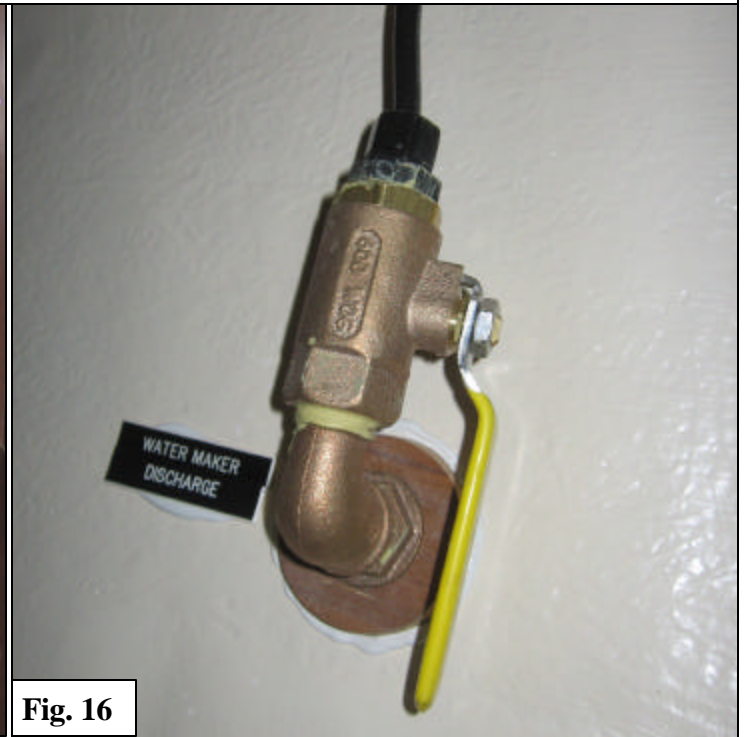
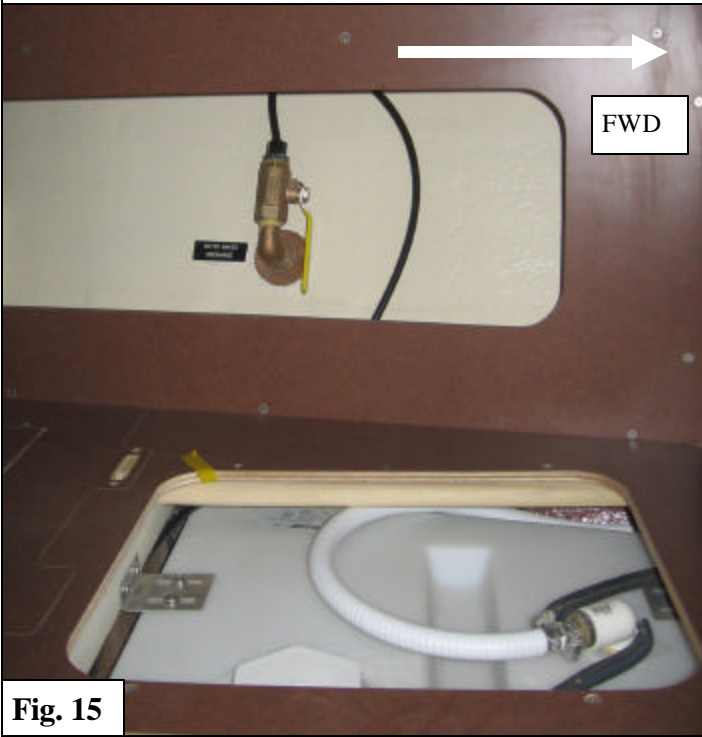
From 3 way check valve



45CC Water Maker Installation

Thru Hull Discharge Fitting:

1. Install water maker discharge thru hull fitting on port side sheer that is behind the bunk back rest. And label the thru hull.
2. Using marine sealant 5200 white to seal this thru hull fitting and install the ball valve facing forward, handle pointing downward when opens.
3. Run the discharge tubing (black) from the 3-Way Product Water Diversion Valve, Electric Solenoid Actuated (in water maker unit). (see figure 15 & 16)



Fresh Water Storage:

1. The fresh water will be stored in the main cabin port side water tank. Run the tubing (**high pressure hose from the Ultra Violet Sterilizer**) inside the bunk by chainplate stringer location (water tan fill hose location) then install designated Tee fitting with adapters to water tank vent hose. Tie wrapping the tubing after installation complete. (see figure

