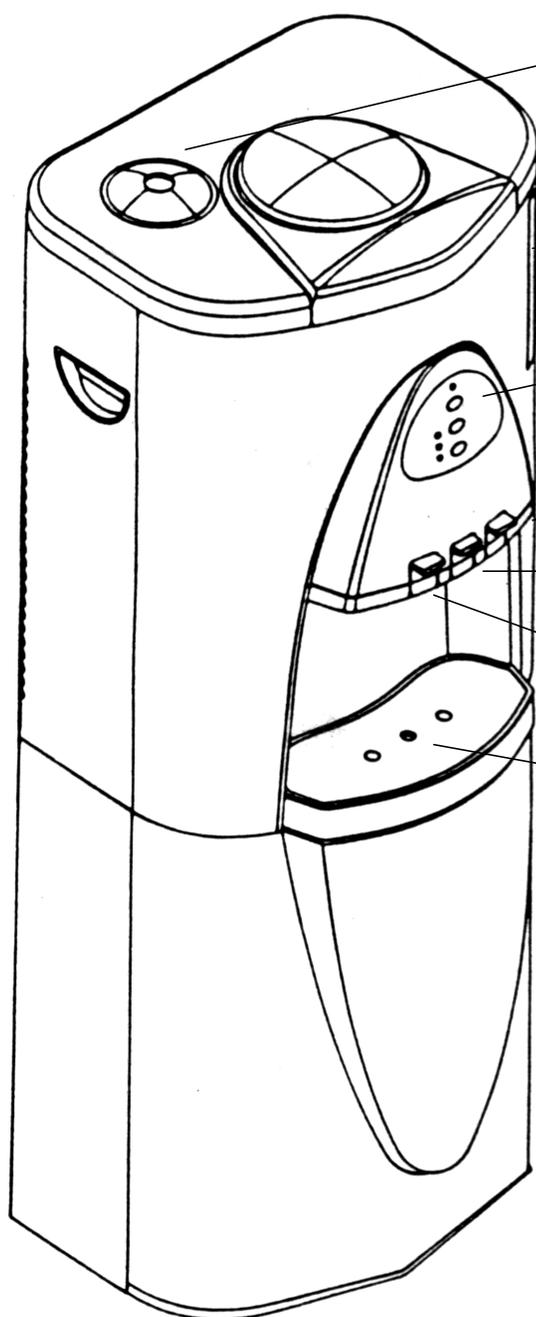




Hot, Warm and Cold Mineral Water Cooler

[Models Cool18, Cool25, Cool36, Cool50, Cool75, Cool100]

PLEASE READ BEFORE INSTALLATION TO PREVENT DAMAGE TO THE COOLER



HOT WATER TANK
STEAM EXHAUST VENT
(CAUTION!)

WATER LEVEL INDICATOR

CONTROL PANEL

COLD WATER RELEASE LEVER

ROOM TEMP WATER RELEASE LEVER

HOT WATER RELEASE LEVER
WITH CHILD SAFETY LOCK
(LIFT **RED** TAB TO UNLOCK)

REMOVABLE CUP BASE
(NON SELF-DRAINING)

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Hot, Warm and Cold Mineral Water Cooler

Installation Instructions

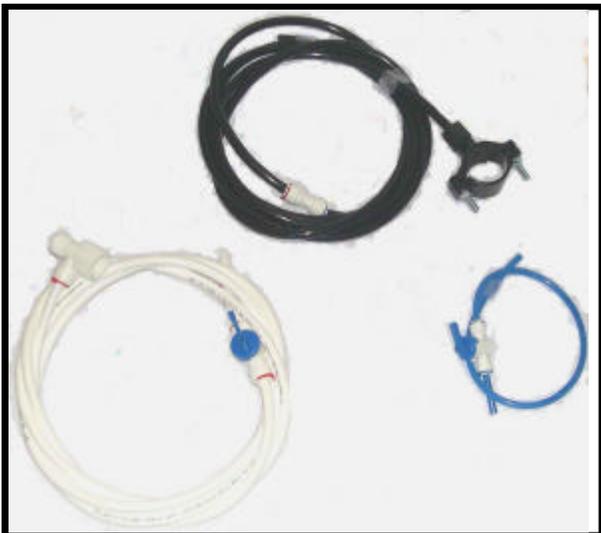
Step #1: Carefully Unpack the Cooler

Carefully unpack Cooler Processor and locate the Installation Hardware provided.

White Line = Incoming Cold Water Line, 10 feet (3 M) in length.

Blue Line = Short Holding Tank Drain Water Line.

Black Line = Waste Water Line to drain/sewer, 10 feet (3 M) in length.



Tools needed:

- Drill and 3/8" (10 mm) drill bit
- #2 Philips screwdriver

Other tools may be needed or helpful depending upon the particulars of your installation. Drill bits specific for drilling wood, plastic, metal, concrete, etc. can be obtained from your local hardware store.

Labels on Back of Cooler:

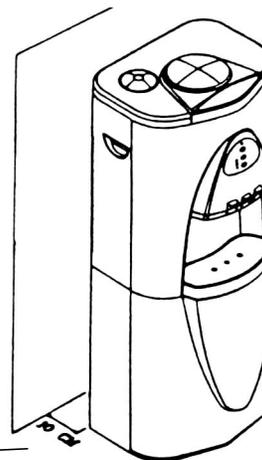
The labels on the back of the Cooler will help you determine the correct installation of the provided Tubing. Page 5 gives detailed instructions.

Step #2: Determine Location for the Cooler

Find a convenient location for the Cooler. Provide a minimum space of 4 inches (10 cm) between the Cooler and the wall. If possible place it within 10 feet of the water source/drain pipes.

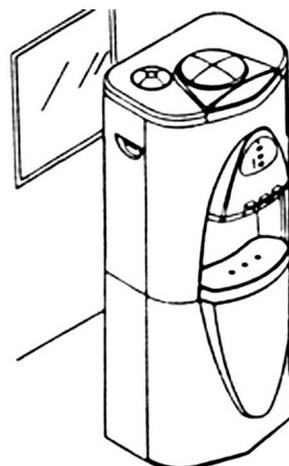
YES

4 inches (10 cm)



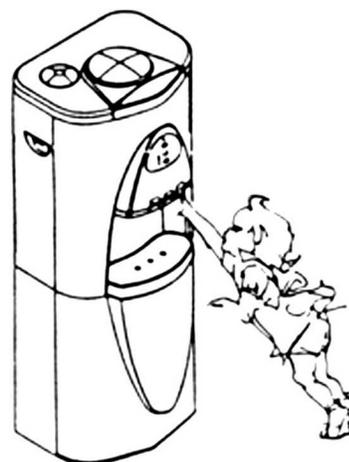
Do not put the Cooler near a window where it will be exposed to direct sunlight, nor near a stove or any other place that would expose it to high temperatures.

NO



Put the Cooler in a place where it cannot be accessed by young children.

NO



Step #3: Location and Routing of the Tubing

The most popular location for installation of the Water Cooler Processor is in the kitchen. It can be installed any where that you have access to both a source of pressurized cold water and a drain/sewer pipe, preferably no more than 10 feet from the Source Water. **Avoid routing water lines where they may be exposed to heat or walked upon.**

More Than 10 Feet from Source Water:

The BLACK (waste water line) and WHITE (source water line) 3/8" diameter lines may be extended by purchasing additional line lengths from a supplier. To prevent leaks, if additional line is purchased make sure it is of similar quality to the line supplied with your Processor. MiracleWater provides you with Polyethylene Tubing that exceeds all FDA and water quality specifications world-wide. The tubing type is printed on the BLUE and WHITE tubing.

Limits:

It is recommended that the location for the Cooler be no further than 30 feet (10 M) from the source water/drain location. Further extension of the line length can cause a malfunction due to a change in the Processor's internal pressure. To ensure adequate drainage of the waste water the BLACK line should be no smaller than 3/8".

Magnetic Fields:

In planning the routing of the tubing between the Water Cooler Processor and source water/drain, take into consideration the magnetic fields around electrical wires, motors and magnets such as magnetic cabinet door latches. To prevent driving off the ORME Ions before the water reaches your processor for concentration, be sure to place the line at least 6 inches (15 cm) away from magnets, electrical wires and electric ranges and at least 3 feet (1 meter) from the refrigerator and other motors. If you need to route the WHITE Source Water Line past the refrigerator, consider routing it through the floor into the basement or crawl space, and back up through the floor at the chosen Cooler location.

Drill the Holes to Route the Lines:

Drill any holes needed to route the WHITE Source Water Line and the BLACK Waste Water Line through cabinets, floors, walls, etc. Consult your local hardware store for the proper drill bit to use for the type of material you are drilling through, e.g., wood, plastic, metal, concrete, etc.

Route the Lines from Cooler Location to Source Water/Drain Location: If you have had to drill any holes to accommodate the routing of the Water Lines between the Cooler and the source water/drain location, you will have to remove the attachment on one end of the WHITE and BLACK Lines in order to install the Tubing through the holes.

WHITE Source Water Line: See pages 6 and 7 for instructions/photos on how to remove the T-shaped Source Water Line Adapter from the tubing. Pull the tubing through the drilled hole/s.

BLACK Waste Water Line: If need be see page 12 for instructions/photos for removing the Saddle Clamp from the tubing. You simply unscrew Fitting Nut from the Saddle Clamp and pull the Clamp and Nut off the tubing. Pull the tubing through the drilled hole/s.

Cut off Excess Tubing:

For optimal performance of the Processor, using a sharp razor blade, cut off any excess length of Line.

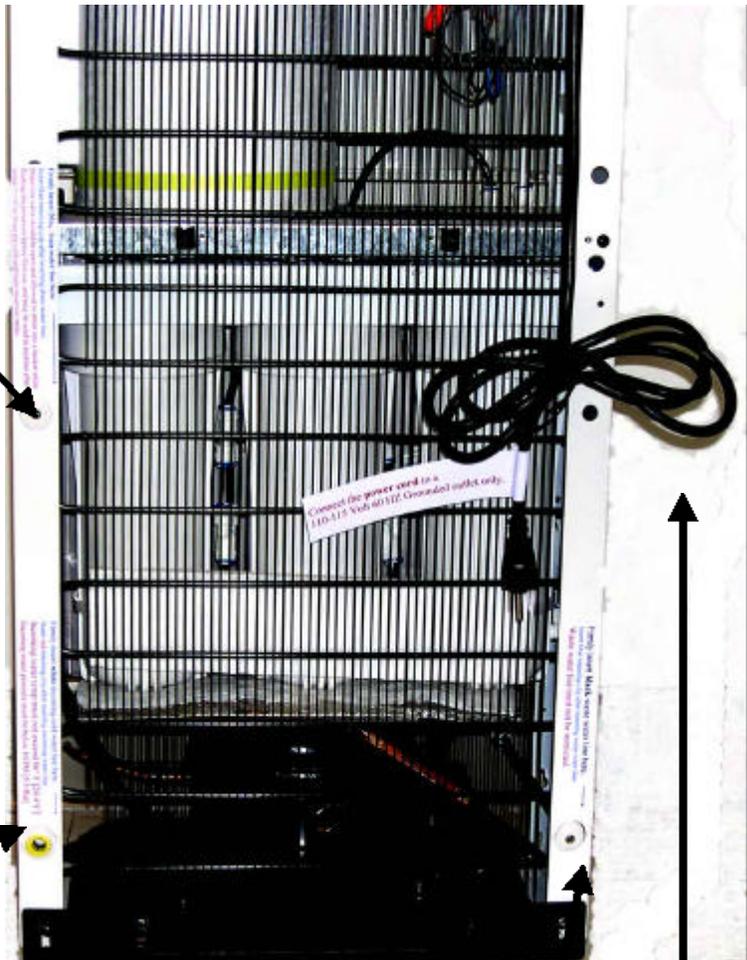
Step #4: Install Connections to Cooler



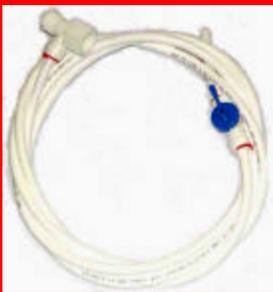
Firmly insert the longer end of the BLUE DRAIN WATER LINE here.

Insert blue retaining clip after inserting drain water line.

Drain line valve should be open and allowed to drain into a bucket while flushing the processor before first use, and may be used at anytime after the initial install to drain the cold and main reservoir tanks.



Firmly insert the Blue On/Off Valve end of the WHITE INCOMING COLD WATER LINE here.



Insert red retaining clip after inserting incoming water line.

Incoming water temp

Incoming water pressure must be below 80 PSI [5.5 Bar]

WILL CAUSE DAMAGE TO THE PROCESSOR THAT IS NOT COVERED UNDER THE WARRANTY!!!

Firmly insert the end of the BLACK WASTE WATER LINE nearest the white connector here.



Insert blue retaining clip after inserting waste water line.

Waste water line must not be restricted.

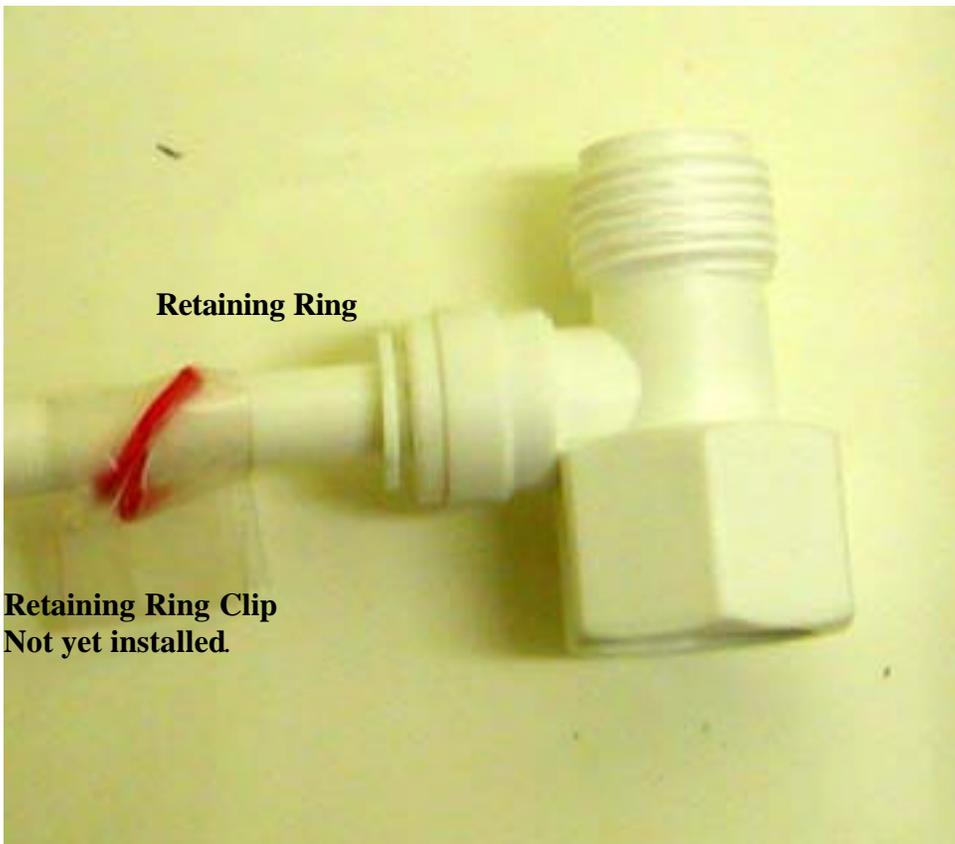
Connect the POWER CORD to a GROUNDED OUTLET of the proper voltage ONLY.

Step #5: Cold Water Line/Source Water Line

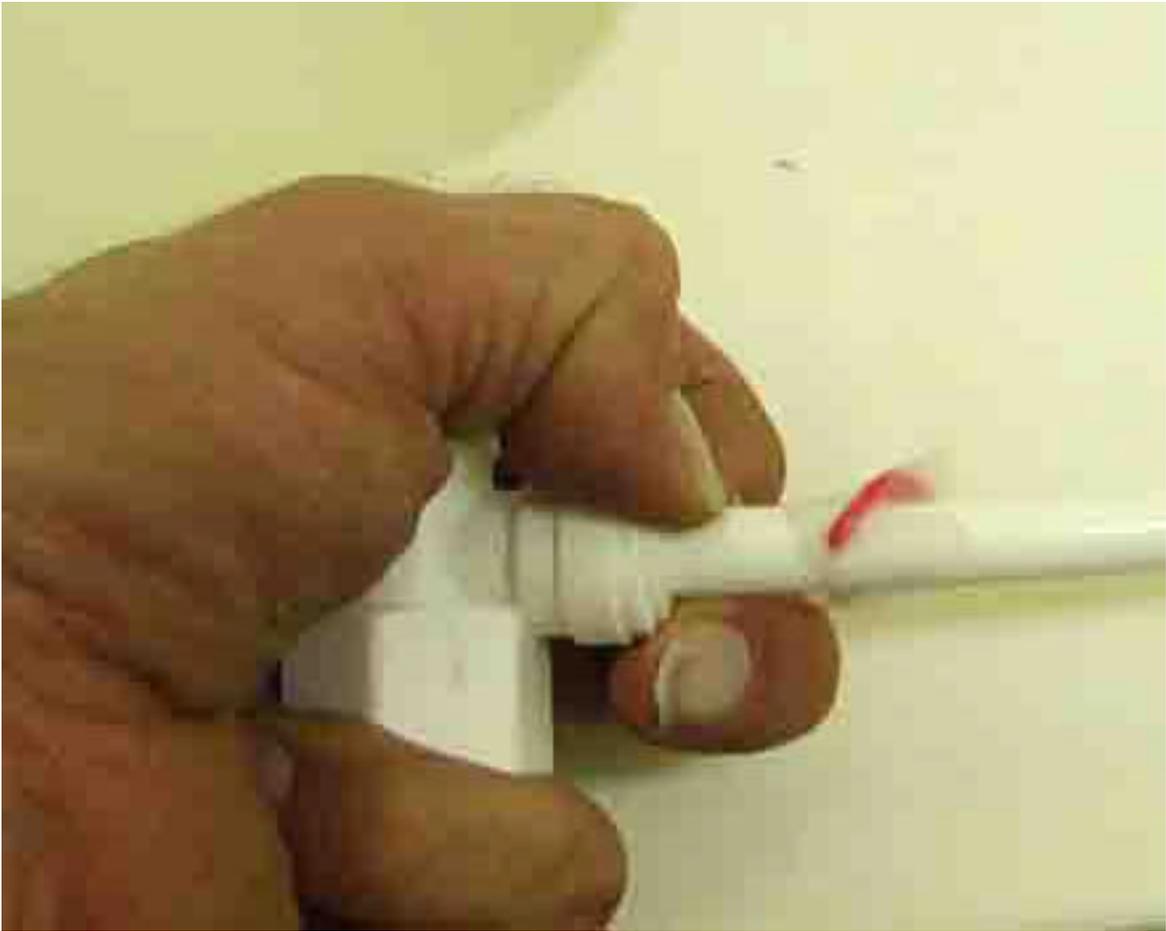
Shut off the cold water feed valve and disconnect the cold water feed line at the top of the cold water valve. Care should be exercised to insure that the cold water line and valve is used. **Making a mistake at this point and hooking the Processor up to the hot water supply will result in damage to the Processor that is not covered under the warranty.** A simple way to determine that you have selected the proper line is to turn on the cold water at the sink. If you have selected the proper line, there will be no cold water at the sink faucet when you turn it on.

This step will already have been completed if you have run the Water Lines through drilled holes. Remove the WHITE flexible tube from the adapter fitting on the Cooler Processor's source water line by using your thumb and fore finger to hold the retaining ring into the fitting while gently pulling the tube out of the fitting.

The retaining ring is identified in the below picture. Succeeding pictures demonstrate the needed action.



Hold retaining ring into fitting and then pull gently on the tubing to remove tubing from the fitting.



Tubing removed from fitting.



Screw adapter onto the cold water valve as shown below, and then screw the cold water sink line onto the adapter as shown. Note: Both the cold water sink line & the adapter have an o-ring seal and do not need to be tighter than hand tightened. As an additional measure to insure that the cold water line does not leak, the adapter comes with Teflon tape pre-wrapped on the threads.



Firmly insert the WHITE tube back into the adapter and insert the retaining clip between the adapter and the retaining ring as shown below.



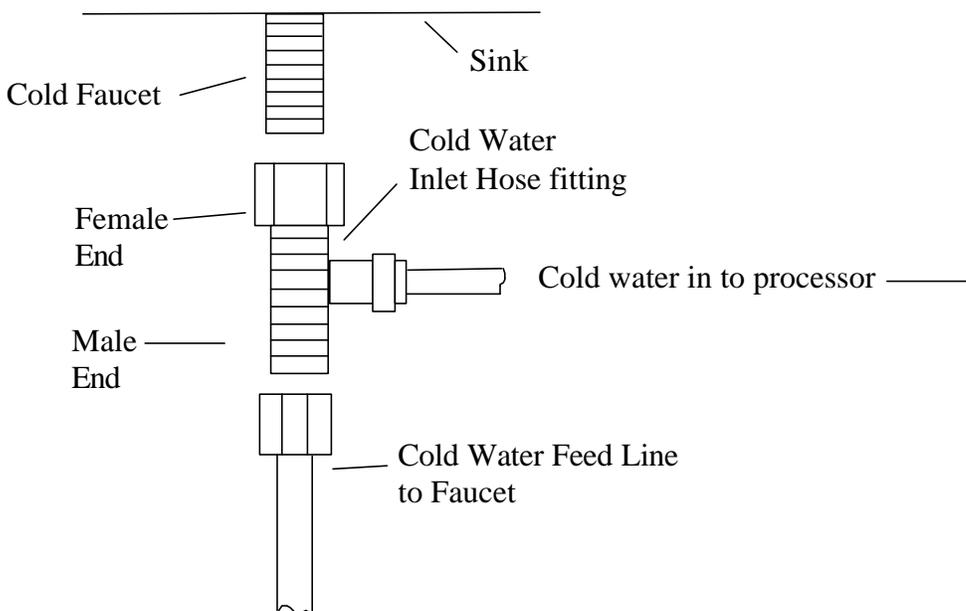
This photo shows the clip after installation.



For people with non-standard plumbing, an alternative method to install the adapter for source water is to install it to the bottom of the sink faucet as shown in the photo below.

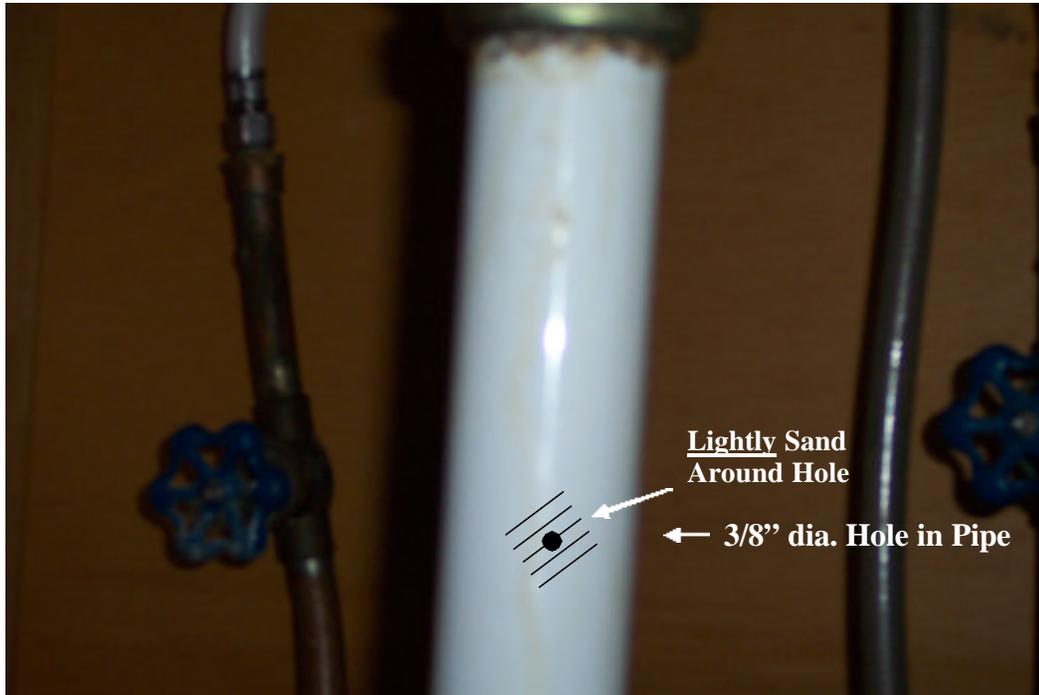


Attach the female side of the cold water inlet hose fitting to the cold water faucet that you just removed the feed line from, and then re-attach the cold water feed line to the male side of the that fitting. Refer to detail sketch below.



Step #6: Installing the Waste Water Line

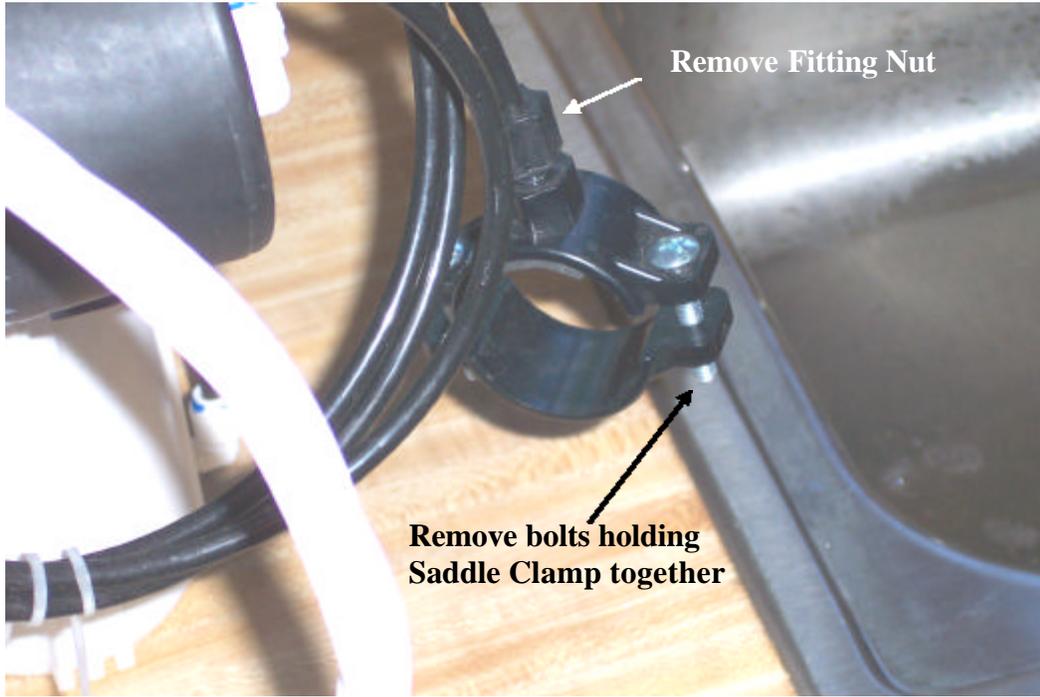
Next, mark a spot on the drain pipe about 6 inches below the sink drain with a magic marker. Drill a 3/8" hole at this location. If you have varnish or corrosion on the drain pipe, lightly sand drain pipe around hole with very fine sandpaper (400-600 grit). For the quietest operation, drill the hole after the U in the sink trap.



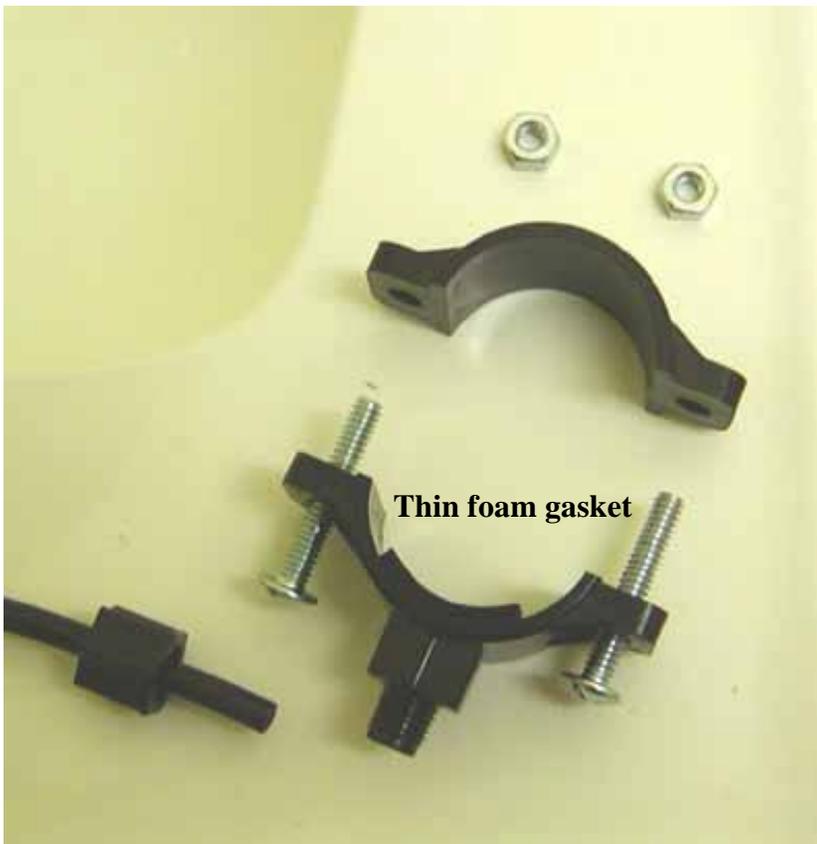
Drill the hole in the drain pipe with the drill as shown in the photo below.



This step will already have been completed if you have run the Water Lines through drilled holes. Otherwise loosen the Fitting Nut on the compression fitting at the end of the BLACK Waste Water Line, and remove the line from the Saddle Clamp. Remove the two screws & nuts holding the Saddle Clamp together (see photo below) and mount the clamp so that the hole you drilled is visible through the hole in the fitting where the Waste Water Line attaches.



Here the Saddle Clamp is removed and the nuts have been removed from the bolts.



Next make sure the thin foam-rubber gasket is in place around hole in the Saddle Clamp. If you want a little extra insurance against leaks, lightly coat the area around the hole with a little silicone sealant before mounting the Saddle Clamp.



As shown at the left, mount the Saddle Clamp around the drain pipe where the hole was drilled. Use the Philips screwdriver to tighten the screws evenly and securely. Note: An easy way to verify that you have properly aligned the Saddle Clamp with the hole that you drilled is to insert the Philips screwdriver into the hole as shown in the photo.



Re-attach the Waste Water Line to the Saddle Clamp and firmly hand-tighten the Fitting Nut as shown in the photo.

Step #7: Flushing the Cooler Processor

At this time verify that all connections to the Cooler have been completed.



Place the BLUE Drain Line so that any water coming out of it will go into a bucket or other suitable container while the Processor is being flushed.

Turn the Cold Water Supply Valve on and make certain that the valve on the WHITE Source Water Supply Line and the BLUE Drain Line are in the open position shown below.

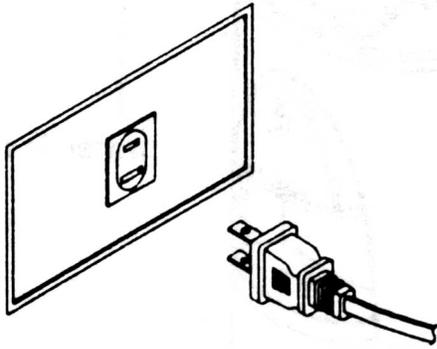
Check for leaks and see the **red** box below if leaks occur.

The Processor will make some noises as it flushes the air out of it and fills with water. These noises will stop in about 2 minutes and after about 4-10 minutes the preservative will start to flush out of the BLUE Holding Tank Drain Line. The Processor should be run like this until at least 4 gallons (16 liters) of finished product water has run through the Processor and all of the non-toxic preservative in the Stage 4 Filter has been flushed out of the Processor.

After the preservative is flushed from the Processor, close the Drain Valve on the BLUE Line and let the Holding Tank fill.

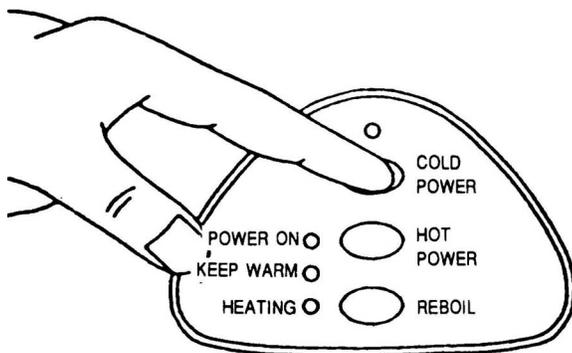
NOTE: If there are any leaks, check that the lines have been fully inserted into the connectors. If the lines have become scarred it may be necessary to trim 1/2 inch or (2cm) from the end of the line with a sharp razor blade and replace the line into the fitting as needed. Take whatever additional action is needed to insure that there are no leaks.

Step #8: Hot/Cold Operating Instructions



Power: Be sure to use the correct power voltage.

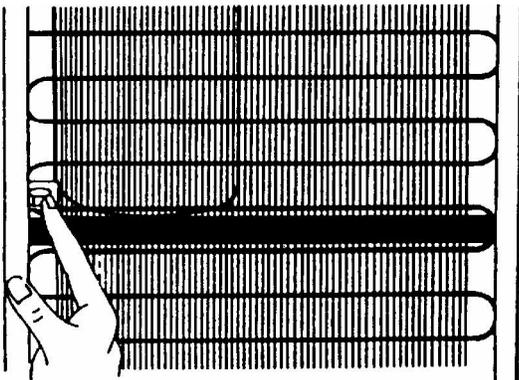
Plug Cooler's power plug directly into the electrical socket.



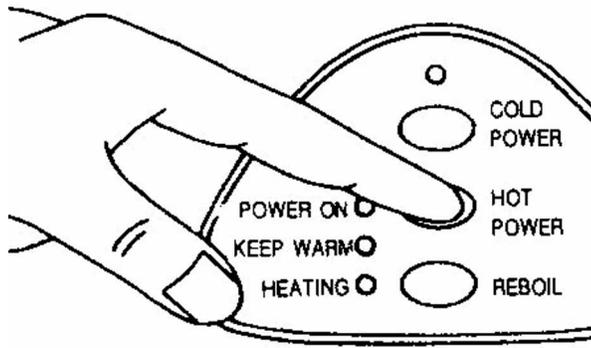
COLD WATER

Cold Water Function use: You must wait until after the Processor is flushed and the Reservoir Tank has filled with water. Allow some water to flow out from the Water Reservoir Tank and into the Cold Water Tank by pressing the Cold Water Release Lever. Then press the COLD POWER button to start chilling.

The Cooler automatically refills and chills the water ensuring a continuous supply of cold water. **Note:** Do not press the COLD POWER button off if not necessary. When necessary to turn it off, wait at least 3 minutes to press it on again to protect the cold water cooling compressor from damage.



Cold Water Temperature Adjustment: The cold water temperature is factory set to 46-54°F (8-12 ° C). The temperature can be adjusted by turning the Temperature Controller on the rear of the Processor. The higher the number, the colder the water.

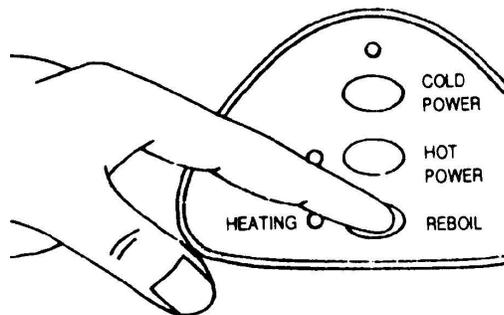


HOT WATER

Hot Water Function use: You must wait until after the Processor is flushed and the Reservoir Tank has filled with water. Allow some water to flow out from the Water Reservoir Tank and into the Hot Water Tank by lifting the Red Safety Lever and pressing the Hot Water Release Lever. Then press the HOT POWER button to start heating. The POWER ON indicator will light up and heating will begin automatically.

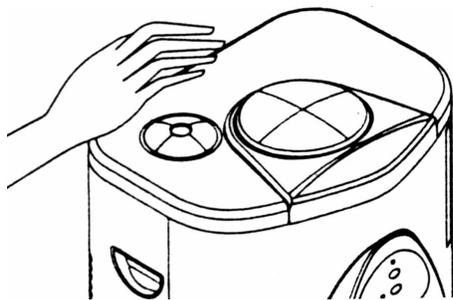
Once the water reaches boiling temperature the indicator lights on the Control Panel will switch from HEATING to KEEP WARM.

The Cooler automatically refills and reboils the water at varying intervals even without pressing the REBOIL button, thus ensuring a continuous supply of hot water.

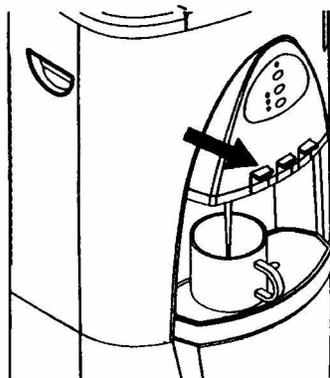


REBOIL

Reboil Function Use: When hotter water is desired press the REBOIL button. The water will start heating and the indicator lights will turn from KEEP WARM to HEATING. The function will stop automatically two minutes later and the indicator light will return to KEEP WARM.



**Do not touch
the STEAM VENT
while the Cooler is in use.**



To Pour Hot, Room Temp or Cold Water: Place a cup or glass on the cup base directly under the desired water type. Press down on the Water Release Lever to dispense water. For hot water be sure to lift the Red Safety Lever and then press the Hot Water Release Lever.

CAUTION: To prevent scalding be careful not to place your hand underneath the flow valve when dispensing hot water.

Troubleshooting Guide

PROBLEM	CAUSE	SOLUTION
No Power	<p>No electric current flowing.</p> <p>Utility company power failure. Cooler will not turn back power on by itself.</p> <p>Cooler shuts off power automatically when main water tank is empty to prevent damage to the heating and cooling elements.</p>	<p>Check power cords for improper connections and outlets for current.</p> <p>Press HOT and COLD POWER buttons to activate Cooler.</p> <p>Allow the main reservoir tank time to refill with processed water as the water processing does take some time. Also see entry below for No Water.</p>
Water keeps on boiling	<p>REBOIL button was pressed several times.</p>	<p>Press the REBOIL button once again. Observe the Cooler. If the problem still occurs the temperature control device may be defective. Contact MiraculeWater http://MiraculeWater.com or 1-888-722-0242</p>
Heating cycle is more frequent than normal.	<p>Too little water in the hot water tank.</p>	<p>Check the integrity of the Source Water Line. Establish that there is water flow at the location of the Source Water.</p>
Cold water is not cold enough.	<p>The Cooler is placed to close too the wall.</p> <p>The Condenser Wire is dusty.</p> <p>The cooler is placed in a poorly ventilated area.</p> <p>Compressor does not have enough refrigerant.</p> <p>Temperature control out of adjustment</p>	<p>Provide a minimum of 4 inches [10 cm] of space between the back of the Cooler and the wall.</p> <p>Clean wire condenser every three months.</p> <p>Place the Cooler in a well ventilated area.</p> <p>Contact MiraculeWater http://MiraculeWater.com or 1-888-722-0242</p> <p>Adjust cold water temperature control knob for a colder setting.</p>
No Water	<p>Check source water pressure and supply valves.</p> <p>Dirty filters have reduced internal pressure sufficiently to cause the cooler to be unable to produce water.</p>	<p>Insure that water pressure is >35 PSI and that valves are open.</p> <p>Replace filters or contact MiraculeWater, at 1-888-722-0242 or http://MiraculeWater.com to arrange factory servicing.</p>
Hot water dispenses Slowly or not at all	<p>Hot water lever is supplied with a red safety tab.</p>	<p>Lift the red safety tab to dispense hot water.</p>

Cleaning and Maintenance

Cleaning

- Before cleaning Cooler Processor unplug the power cord from the electrical socket.
- Use a soft cloth with warm water and a mild detergent to clean the exterior of the Water Processor.
- **Caution: Prevent water from entering into the circuit board or other electric parts while cleaning. Getting water into the interior electrical parts may damage the Cooler.**
- Clean condenser wire on back of cooler every 3 months or when needed with a vacuum cleaner.

To Maintain Freshly Processed Water

- Empty the Cold and Hot Water Tanks and allow refilling with freshly processed water if Processor has not been used for several days.

Maintenance

- Other than Replaceable Filters, there are no user serviceable parts inside your Cooler.
- To replace Filters, visit <http://MiracleWater.com/support.html>, download and print the Cooler service manual or phone or write to have the document mailed to you.

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