

CAUTION

- Please read the instructions completely before using this product.
- Intended for water pressure between 25-60 psi. If water pressure is more than 60 psi, please use a water pressure regulator.

H2O-500 PRODUCT MANUAL

HOT & COLD WATER PURIFIER

**Contents**

| | |
|--------------------------------------|-----|
| Piping Installation/Do's and Don't's | 1-2 |
| Operation and Overview | 3-4 |
| Specifications | 5 |
| Water Filter Diagram | 6 |
| Cleaning | 7 |
| Hot Water Reset | 8 |
| Filter Replacement | 9 |
| Leak Detector | 10 |



High Efficiency Compressor Cooling

Overflow Prevention Device

Unique And Stylish Design

Hot Water Safety Function

Stanley Steel Water Tanks

Various Color Choice

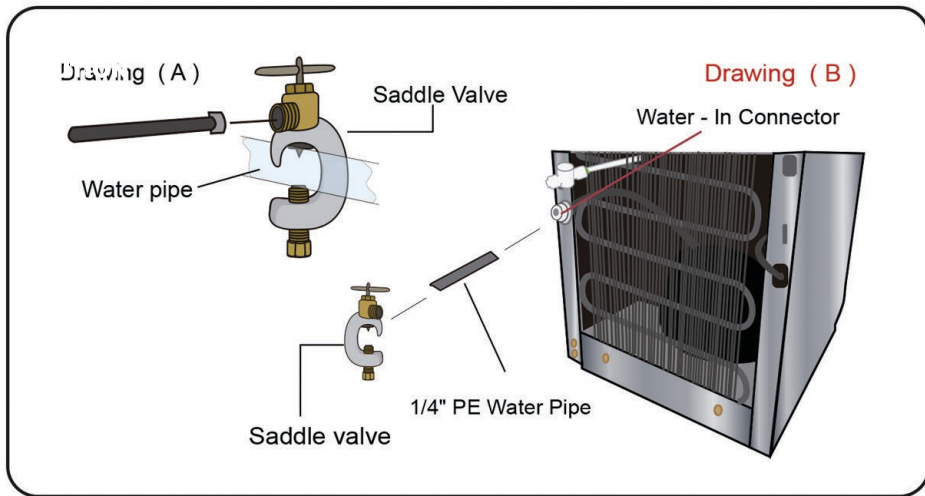
SAFETY INFORMATION

Read, understand, and follow all safety information contained in these instructions prior to use of the H2O-500 drinking water system. Retain these instructions for future reference.

CAUTION

Improperly installed systems could result in water damage due to leaks or flooding. Proper installation of this system requires familiarity with standard sink plumbing and proper use of common hand and power tools. If you are not familiar with standard sink plumbing and proper use of common hand and power tools or have any difficulty with the installation of this system, consult a licensed professional, such as a contractor or plumber.





1. Shut off the main water supply or local water supply to the water pipe being tapped.
2. Insert rubber washer on underside of top saddle clamp.
3. Place one bolt through the from top and bottom clamps a couple of turns.
4. Place the top clamp on the nearest cold water supply pipe, then rotate the bottom clamp under the water supply line and evenly tighten both bolts on the saddle clamps.
5. Galvanized iron pipe only: Drill a 5/32" hole in the pipe into which you will insert the needle valve.
6. Galvanized iron pipe only: Place the clamp assembly so that the washer (see step #2) is located directly over the hole.
7. Galvanized iron pipe only: Evenly tighten the saddle clamp bolts.
8. Install the compression nut and plastic compression sleeve onto tubing. When using polyethylene tubing, use the brass insert to reinforce the tube wall.
9. Make sure the tubing is placed completely into the valve and tighten the compression nut. Tighten the nut by hand until it begins to bite. Using a crescent wrench, tighten the nut about 1/2 more turn.
10. Next, turn the valve handle clockwise slowly as far as possible. This will fully open the needle valve and allow the piercing tip to tap into the copper or brass water supply line.
11. For galvanized iron pipe, ensure the needle valve enters the 5/32" drilled hole in the iron pipe. If fitment is not correct, loosen clamp, recheck the alignment and re-tighten. Repeat until correct fit is achieved.
12. Turn valve to 'OFF' position.
13. Turn on water supply and check for leaks.
14. To start the flow of water with the saddle valve, turn handle on the saddle valve fully counter-clockwise.

H2O-500 PIPING INSTALLATION DO'S & DONT'S

Install the product 10mm distance from the wall.

- It causes the malfunctions of product and the performance degradation.

Power plug should be disconnected when exchange filter.

- It causes the electric shock and fire.

Do not use thinner, benzene or wax for cleaning, and keep the product away from the volatile agents.

- It causes the fire and product damage.

Install the product on the flat and firm surface.

- It causes the injury and malfunctions of product.

Do not impact or apply force to the product.

- It causes the malfunctions of product, damage and electric shock.

Do not tilt the product over 45° while moving, and do not operate while the product is tilted over 15°

- It causes the performance degradation.

Install the product 10mm distance from the wall.

- It causes the malfunctions of product and the performance degradation.

Power plug should be disconnected when exchange filter.

-It causes electric shock and product damage.

Power plug should be disconnected when exchange filter.

- It causes electric shock and product damage.

Do not disassemble and repair without permission.

- It causes the fire and electric shock.

Supply the power after 30minutes in the case of moving the product.

- It causes the performance degradation.

Do not twist or snap the inlet hose.

- It causes leakage and electrical short.

Do not place the product where the temperature is below 0°

- It causes the performance degradation.

PRECAUTIONS DURING INSTALLATION

1. Confirm your electrical outlet is 110V
2. Make sure to use an individual outlet for the appliance

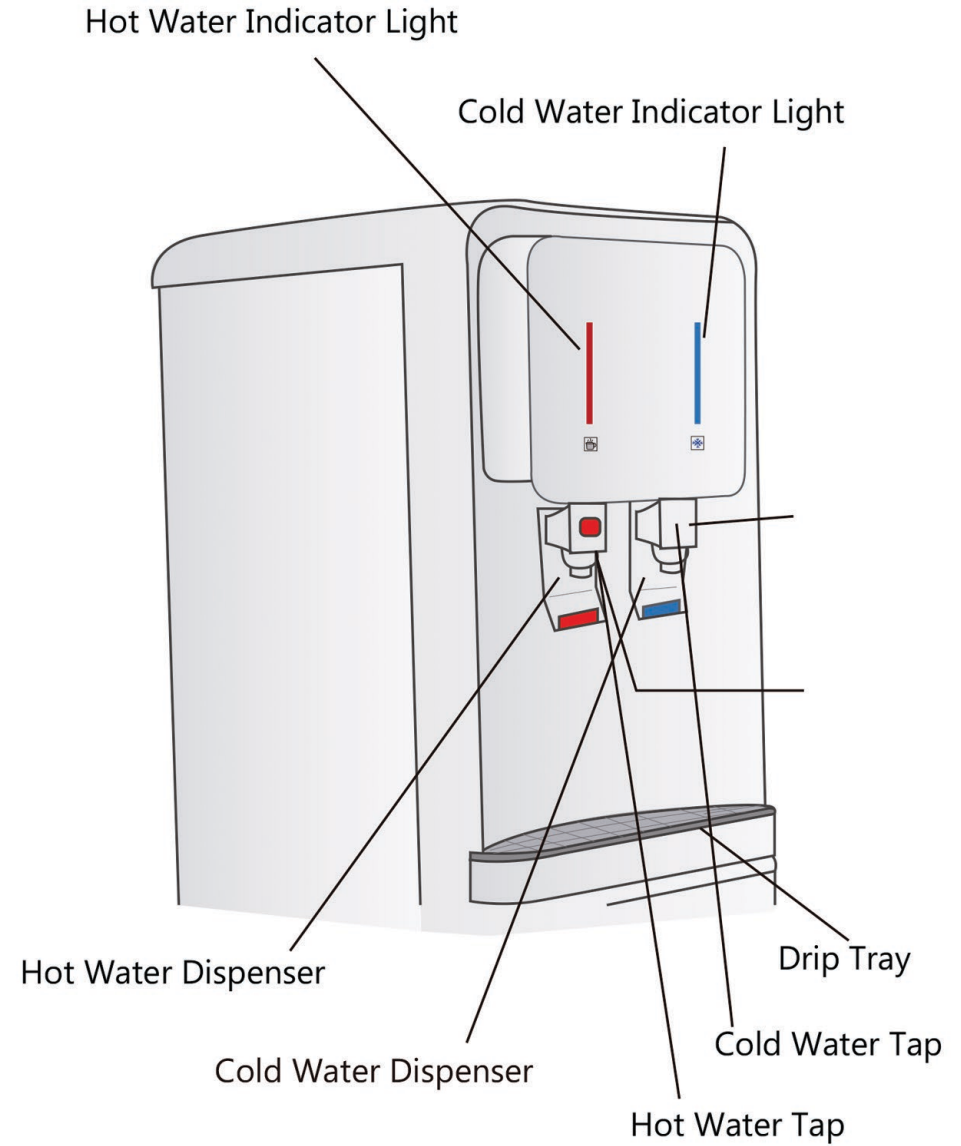
Caution:

- * If the power cord is damaged, replace it immediately
- * Children should not use the appliance without supervision
- * If the water pressure exceeds 60 PSI, use a pressure reducing valve.

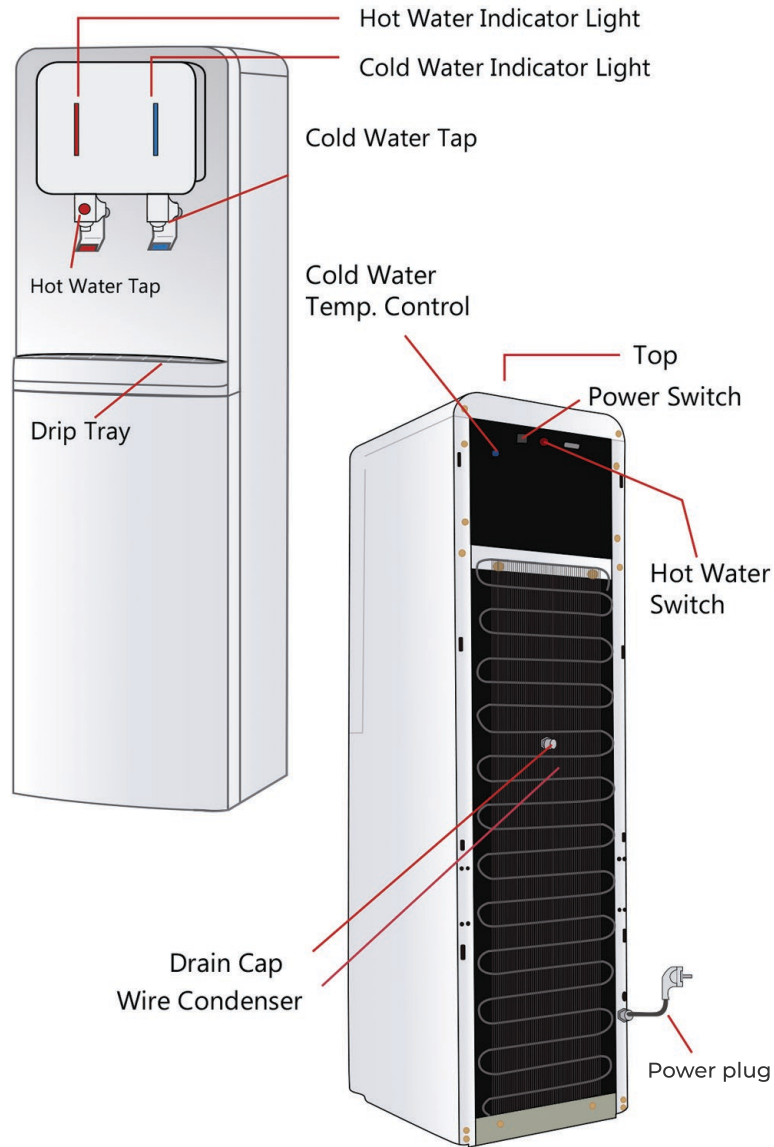
PROCEDURE FOR OPERATION

1. Install pinch valve or angle adapter to water source (see page 1)
(Do not connect pinch valve or adapter to hot water source)
2. Connect water line into push; connect inlet in the back of the unit
3. Turn on water supply
4. Wait at least 5 minutes and make sure there is water in both tanks
5. Plug in the appliance
6. Turn on Hot / Cold switch,
(Do not turn on the hot water switch before making sure there is water in the tank)
7. Wait up to 50 minutes for cold water to cool and 20 minutes for hot water to heat
8. If unit will not be used for a long period of time, drain the unit using the drain cap located in the back of the unit and unplug it.
9. If the water pressure exceeds 60 PSI, use a pressure reducing valve.

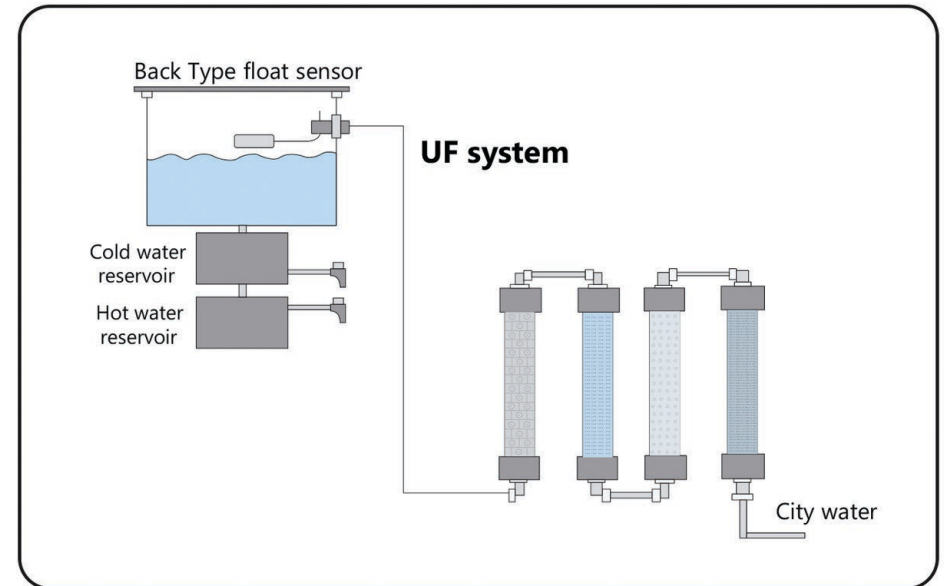
H2O-500 OPERATION & OVERVIEW



H2O-500 PRODUCT SPECIFICATION



H2O-500 WATER FLOW DIAGRAM



Stage 1 - The Sediment Filter maximizes the effect of water purification by eliminating rust, sand, silt, and pipe turbidity that is found in water supplies across the globe.

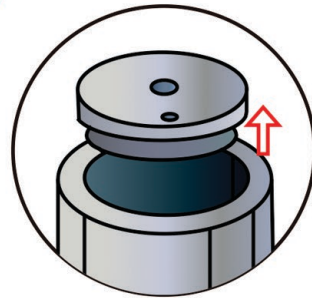
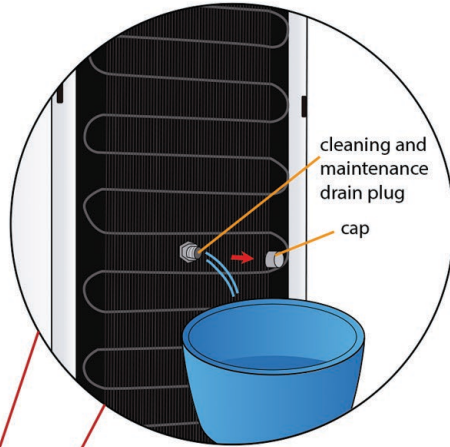
Stage 2 - This filter uses granulated activated carbon media from the Kuraray Carbon Company, tested and certified by the NSF. It removes chlorine, THM's, Benzene, Pesticides, Insecticides, and other contaminants that may be present in municipal water supplies.

Stage 3 - The Ultra Filtration Membrane filters water down to .002 microns, and is highly effective at removing bacteria, organic chemicals, and other water borne microorganisms.

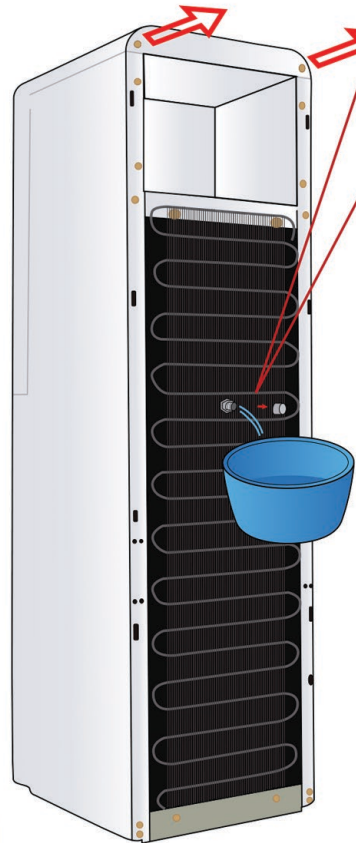
Stage 4 - This filter utilizes proprietary carbon block technology to ensure that 99% of all chlorine, lead, and microbial cysts have been removed. It also provides a "polishing" effect, giving the water a crisp and delicious taste.

H2O-500 CLEANING

1. Turn off all switches located at the top rear of the unit.
2. Close the water intake valve.
3. Unplug the power cord.
4. Completely drain water from the unit.
Caution: Water may be HOT!
5. Unscrew the back two screws indicated below, and remove the top plastic cover.



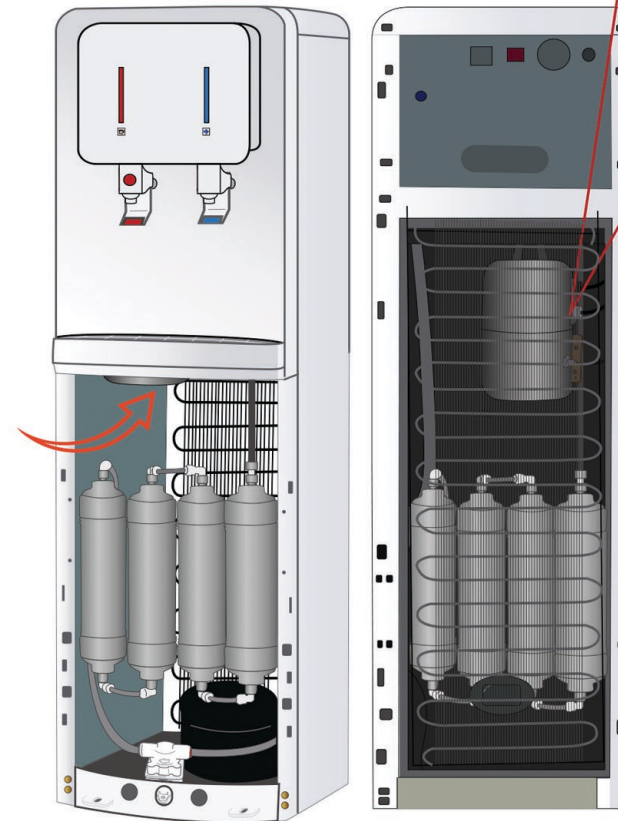
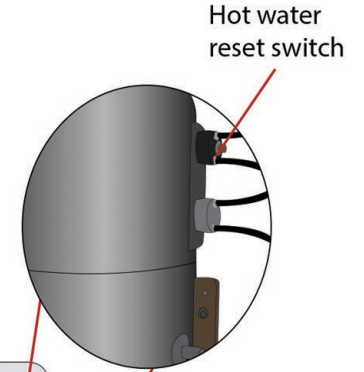
6. Under the plastic cover, you'll locate the cooling tank as illustrated above.
7. Remove the top cover of the cooling tank, as illustrated above.
8. Gently yet thoroughly wipe out the inside of the cooling tank with a clean cloth. Do not use any soap or other detergent.
9. Secure the top cover of the cooling tank, back in place.
10. Place the plastic cover back in place, and screw in the 2 screws.



H2O-500 WATER RESET

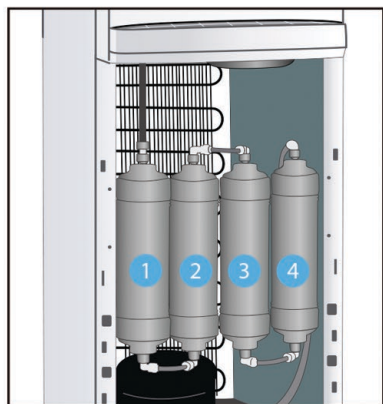
If the HOT WATER POWER was turned on before completing the steps on page 3, it is likely the hot water safety feature has been triggered, and the hot water heating is disabled.

To reset the Hot Water please complete the following steps:



- a.) Please disconnect the electricity, and make sure all power switches are OFF
- b.) Locate the "Hot Water Reset Switch" by looking at the back of the unit through the cooling grate as pictured to the left.
- c.) Remove the lower front panel as pictured to the left, and reach in and up with your hand to feel for the switch.
- d.) Press the Hot Water Reset Switch.
- e.) Place the lower front panel back on the unit.
- f.) Please follow the set-up steps on page 3, and ensure there is water in the hot tank before turning the power switches back on.

H2O-500 FILTER REPLACEMENT

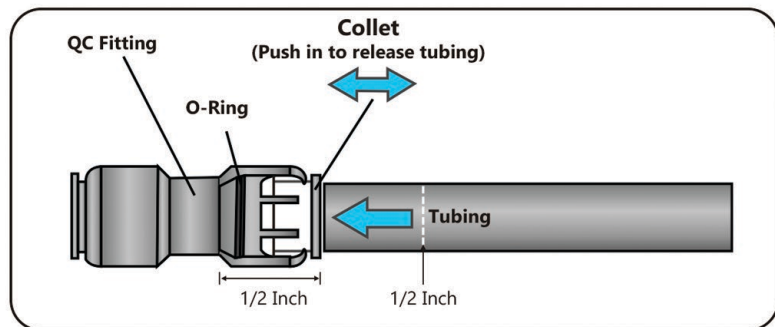


Your filters must be replaced at regular intervals to maintain optimal water quality and performance.

The H2O-500 has four stages of mechanical filtration. The first stage is the 5-micron sediment filter. The second stage is the activated carbon filter. The third stage is the Ultra Filtration Membrane. The fourth stage is Post Carbon Filter. The filter elements in all stages must be replaced every six months.

- 1 **TURN OFF POWER TO HOT/COLD ELEMENTS.**
- 2 Pull Down & Off the front bottom panel.

- 3 Close the saddle valve to stop water flow through the filters.
- 4 Place a towel under the filters to catch water. The filters will have water in them which will run out when the filters are unlocked.
- 5 Push the collet towards the QC fitting to remove each filter from the tubes.
- 6 These filters are disposable, encapsulated filters. Remove and discard the entire filter body. Replacement filters are sold as a set.
- 7 Connect the new filters by pushing on the QC fittings.
- 8 Open saddle valve and let water flow through filters. When the cooler is full, empty out the water into a bucket. This will eliminate the first batch of water, which will be full of carbon dust.
- 9 After the cooler fills up again, turn on the power to the cold and hot tanks. Wait a few minutes to assure there are no leaks and close the front panel.



* To connect, insert the tubing 1/2 inch deep until it's sealed by O-ring and locked by spider teeth.

* To disconnect, remove blue clip, pull the tubing while pushing down the collet to release the spider.

H2O-500 LEAK DETECTOR

THIS MACHINE IS EQUIPED WITH LEAK STOPPING DEVICE. WHEN THE LEAK STOP IS ACTIVATED



1. The water will cut off to the machine completely
2. Turn off the water feed and remove the front plate.
3. Wipe off the water from leak stop and machine with a dry cloth.
4. Locate the leak stop device, and pry open with a flat head screw driver or butter knife.
5. There will be a wet expanded paper circle, take this out and throw it away.
6. There will be a replacement paper circle stored in the side of the unit. Use this to replace the wet one, and close the leak stop unit.

