# PURE 100

## REVERSE OSMOSIS MACHINE INSTRUCTIONS


**THE R.O. MEMBRANE** should be periodically flushed. This will help keep membrane working properly and will significantly extend its life. It is recommended to flush the membranes after every use (or every 100 gallons). This is done by simply flipping on the flush valve located behind the deionizing filter.

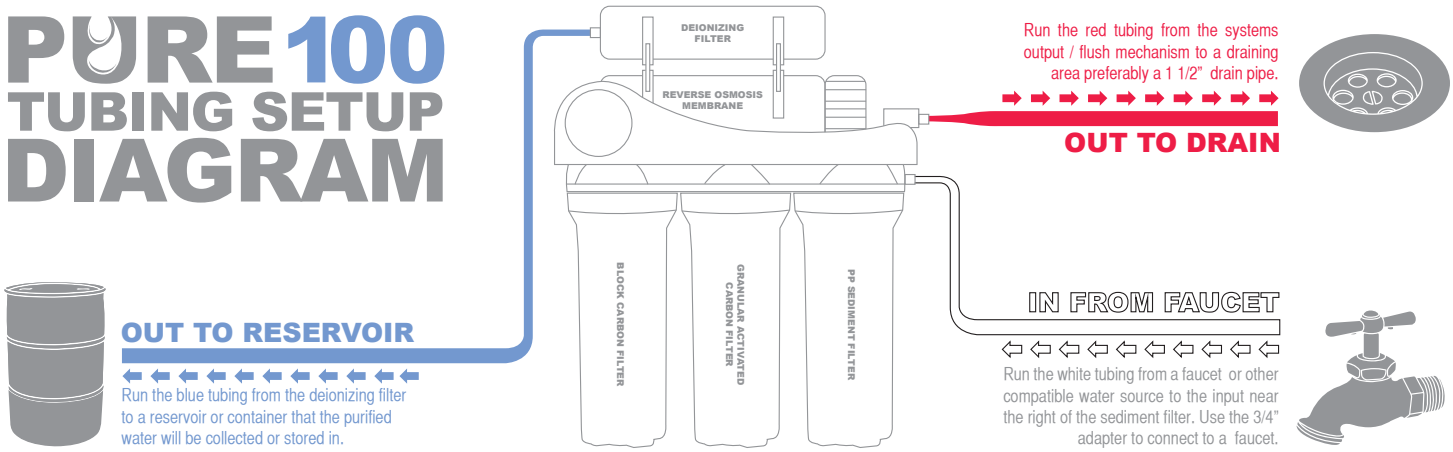
**SEDIMENT FILTER** should be replaced every 6 months or as needed depending on usage. This will help the R.O. membrane last longer as it prevents silt or sediment from entering and building up in the membrane.

**CARBON FILTERS** (UDF and Standard) should also be replaced every 6 months or as needed depending on usage. This will also help protect the R.O. membrane from chlorine damage.

**R.O. MEMBRANE** should be replaced once a year as a general rule. However, the maintenance of your R.O. membrane, the ppm/EC and overall quality of your water source effect the lifespan of your R.O. membrane. It is a good rule of thumb to test the ppm/EC of treated water to determine if the R.O. membrane needs replaced and when.

Follow the color coding of the on the chart below, by matching the colored tubes to the plugs which are in place upon purchase. See the reverse side of this sheet for detailed assembly instructions.

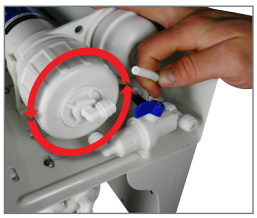
## PURE 100 TUBING SETUP DIAGRAM




AgroMax

## PRE FILTER R.O. SETUP

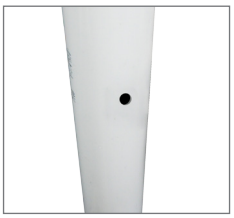
Remove plastic from all filters.



Remove the hose from the R.O. casing as pictured and remove the cap from the casing.

Insert the provided R.O. element and re-cap the casing. Re-attach the hose and blue clip.

## DRAIN PIPE SETUP

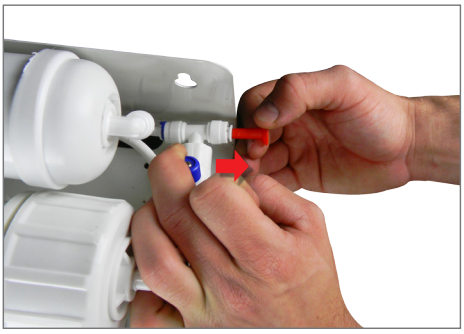


Drill a 1/4" hole into a 1 1/2" drain pipe, (2 inch max drain pipe diameter.)

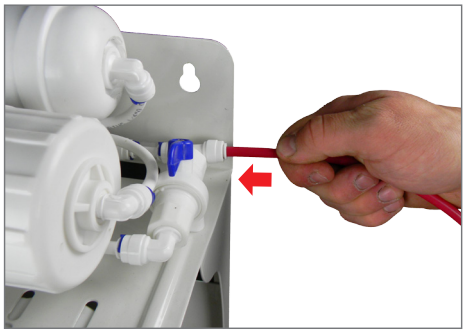
Stick the rubber seal onto the pipe aligning the hole in the seal w/ the hole in the pipe.

Finally align the bracket over the seal and pipe so the tube input is aligned with the hole.

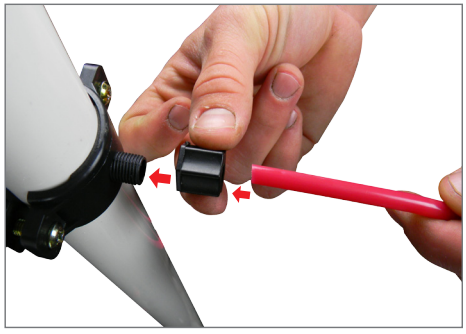
## ATTACH THE WASTE WATER OUTPUT (RED HOSE)



Remove the red plug from the wastewater output adapter. Pull out the blue clip. Compress the white tube sleeve and remove the red plug.

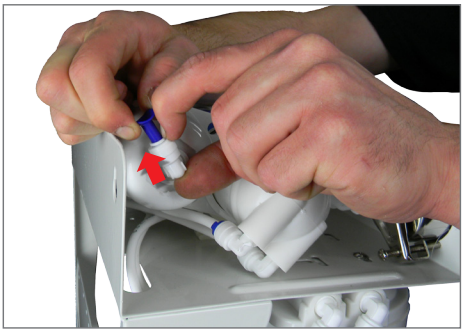


Take the red tube and insert one end of it into the waste water output adapter. Replace the blue clip from the previous step to lock the tube into place.

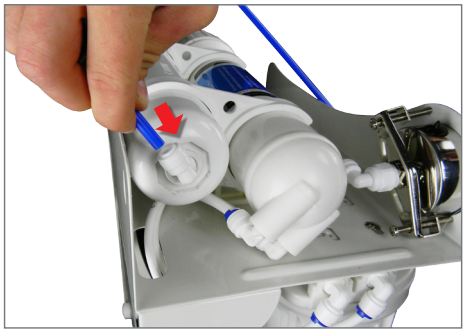


Attach the other end of the red tube to the drain bracket. Run the red tube through the black nut into the drain bracket; tighten down to lock tube into place.

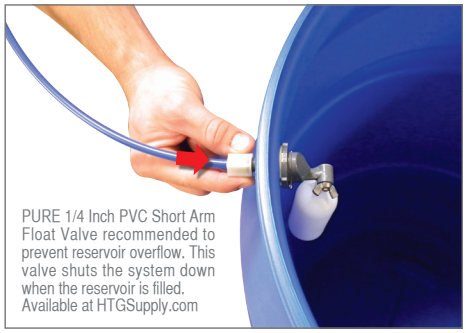
## ATTACH THE PURE WATER OUTPUT (BLUE HOSE)



Remove the blue plug from the deionizing filter housing output. Pull out the blue clip. Compress the white tube sleeve and remove the blue plug.

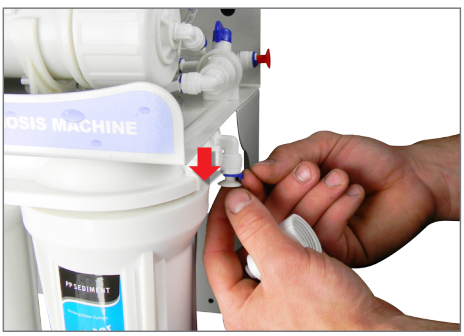


Take the blue tube and insert one end of it into the DI-Filter housing output adapter. Replace the blue clip from the previous step to lock the tube into place.

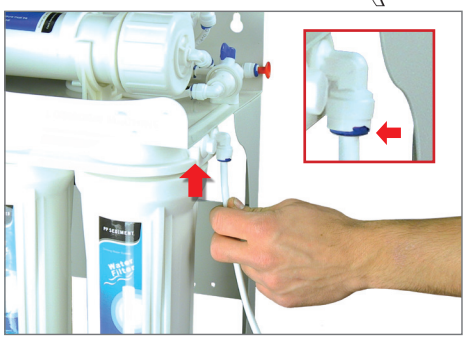



Attach the other end of the blue tube to the reservoir. Run the blue tube into the bottom of the reservoir or buy the recommended PURE float valve.

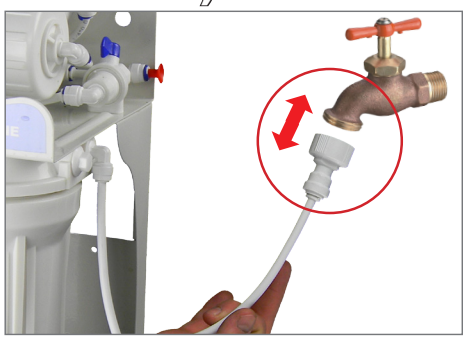
## ATTACH THE WATER INPUT LINE (WHITE HOSE)



Remove the white plug from the water input adaptor. Pull out the blue clip. Compress white tube sleeve and remove the white plug.



Take the white tube and insert one end of it into the water input adapter. Replace the blue clip from the previous step to lock the tube into place.



On the other end of the white tube, attach the 3/4 inch faucet adapter. This will thread onto any 3/4 inch faucet spout. This line allows water into the R.O. machine.