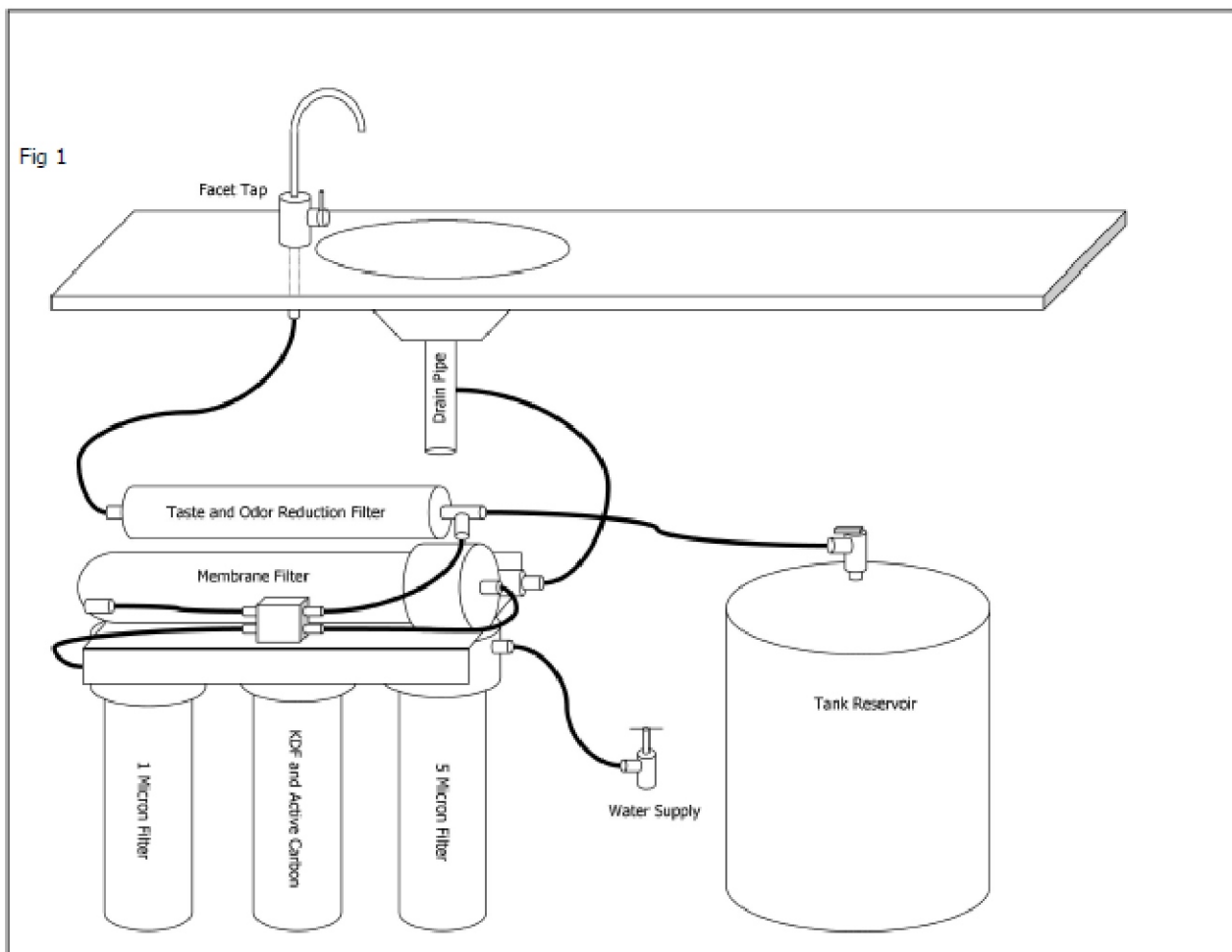


Installation guide for Reverse Osmosis Purifier



Tool Requirements

- | | |
|--------------------------------|----------------------------------|
| 1. Electric Drill | 9. Pliers |
| 2. 7mm Steel Drill bit | 10. Screw driver (star and flat) |
| 3. 12mm Steel Drill bit | 11. Water pressure gauge |
| 4. 6mm Concrete Drill bit | 12. TDS Meter |
| 5. 8mm Long Concrete Drill bit | 13. Tank pressure gauge |
| 6. Shifter spanner 19mm | 14. Shammy |
| 7. Shifting spanner 30mm | |
| 8. Water pump pliers | |

Hardware

1. Insulation tape
2. Thread tape
3. Silicone
4. Cable ties
5. 6mm Hillties
6. Cable clips
7. 3/4" Red material washers
8. Electrical wire and 3 point plugs

Unpack and check system

1. Unpack the purifier and Reservoir Tank from there boxes.
2. The following items should be in the boxes:
 - Reverse Osmosis Purifier
 - Sealed Blue Fillit Membrane Filter
 - 5m white pipe
 - Facet Tap
 - Tank Valve, Water connector
 - Reservoir Tank

1. Connect to Water Supply

3. Turn off the house water mains.
4. Open Taps to release water pressure
5. Connect to water system via 1/2 Inch fitting, Copper Tap or Mixer Tap connectors, use tread tape where necessary to prevent leaks.
 - 1/2 inch Fitting would be added between pipes and flexi hose (Fig 2.1)
 - Mixer Tap Connectors in between Mixer Tap and wall and a 7mm hole in sink is drilled and sealed with Silicon to supply Purifier with water (Fig 2.2)
 - Copper Tap Fitting is mounted directly onto copper or plastic pipe (Fig 2.3)
6. After water connection was done, open water mains to check for leaks.
7. Use white hose to connect from your water source, to your Reverse Osmosis System. The connection is made at the first filter housing. (Fig 1) Screw Pipe onto elbow connector of 5 Micron filter housing. Do not open your water supply until installation is complete.

! IMPORTANT !

Water connection must be on cold water. To make sure - let the Hot water run and feel the pipes to determine hot and cold water, before turning of the water. Connect to the cold water pipe.

2. Connect to your drain

8. Next would be your drain connection. Punch or drill a small hole into your drain pipe, then insert one end of white pipe into hole and seal with Silicon. Use Isolation tape to tape white pipe to drain for at least 5 centimeters to prevent pipe from pulling out and ensuring a good seal. (Fig 3.0)

! IMPORTANT !

Be sure that drain pipe is not blocked, bent closed or obstructed in any way—or premature membrane failure can occur

9. Connect other end to Flow Control (300,450,600), behind membrane casing.

3. Connect Faucet Tap

10. Drill a 12mm hole close to your basin. (ensure if its wood that is not to thick for the facet tap shaft to go through and connect and that you'll have enough space to tighten the nut).
11. Connect the other end to your taste and odor reduction filter flow out side (not at the T-connector side)

4. Connect Tank Reservoir

12. Use Tread tape and tape Tank reservoir connection about 5 times.
13. Very carefully screw Tank Valve onto connector, not to tight as it might crack.
14. Connect pipe from Tank Valve to the T connector side of the Taste and odor filter.

5. Fit Membrane Filter

15. If you are certain that every connection is fitted correctly, then unscrew Membrane Housing, but firstly undoing the pipe connection to the Housing Cap.
16. Remove the membrane from its sealed packaging and carefully insert it, with the 2 rubber O-rings first, into the membrane housing. (Fig 4)
17. Screw the Housing Cap back on, and reconnect the pipe to the connector

6. Flush your System

18. Close your Tank valve (away from incoming white pipe) and open your facet tap (anti- clock wise).
19. Open your water supply and wait till water is coming from your facet tap.
20. Let system run for 2 hours to flush preservative from system.
21. Open your Tank valve (towards incoming white pipe) and close your facet tap (clock wise).

! IMPORTANT !

Don't use the first 2 hours of water for drinking or for plants or animals.

22. You can use the water now, but the maximum pressure in the storage tank will only be reached in about an hour.

