



## GT1-19 Mixer Tap Range For Use with Mixer Tap

This filter system is designed to run through the cold line of your existing mixer tap on the sink. We have several options for different water types, by this stage you have selected the correct system for your application. However all installations are exactly the same with the exception of the need for a pressure limiting valve ofr municipal supplies

### Installation:

1. Turn off water supply
2. Check kit content
3. Apply thread tape and install 3/8 Stem fittings to each side of the filter system. Use 8 wraps of thread tape provided then check if tight.
4. Snap on the 3/8 elbows to the stems just installed. (see working with Quick connect fittings)
5. Locate and undo the flex line from the cold supply to the mixer tap, undo flex line which should expose a 1/2" male and female thread.
6. Screw in both 1/2" male and female couplings provided to make provisions for the 3/8 plastic filter tubing.  
Check the flex line has an internal seal and that the couplings provided seat correctly onto the coupling on the flex line.  
If the flex line doesn't have an internal seal or our coupling don't seat correctly, thread tape may be required.
7. Estimate the length of plastic tubing required to reach from the flex line to the inlet on the filter system. The elbow coupling on the inlet and outlet may be rotated to accommodate the direction of the tubing.

8. Using a very sharp Stanley knife cut the tubing to the required length. It's very important to make the cut straight and clean. Push the tubing into both couplings from the water supply and the inlet on the filter system.
9. Repeat step 7 for the tubing from the filter system back into the flex line to the mixer tap.

9. When a pressure limiting valve is purchased with the kit , complete your installation as above then cut the line cleanly at any location between the water inlet and the filter system, insert the PLV in the direction of the flow which is indicated on the body of the PLV.

Pressure limiting valves are only required for Municipal (town or council) water supplies.

In summary you are interrupting the flexible lines from the cold water supply by using the plastic tubing and couplings to direct the water through the filter system then back up to the mixer tap.

The result of this is that all cold water arriving at the mixer tap is filters through twin carbon filters for maximum chemical extraction at full flow.

Running through this type of filters may result in a drop in pressure and flow to your cold water, however this is not considered noticeable provided you have adequate pressure available. Acceptable pressure should be from 45psi - 80 psi . Pressures under this may result in reduced flow rate.

### **Working with Quick Connect Fittings**

Quick connect fittings are very quick and extremely easy to use once you know how. To install simply push the water line firmly into the quick connect fitting. To remove water line from quick connect fitting simply depress the outer collar on the fitting and pull the water line out. If you do not depress the collar you WILL NOT remove the water line.



Note: Parts and components will vary. This picture is for display purposes only

### **Mounting the Purification System**

1. Mark screw locations at the desired positions. Use the two holes on back of purification assembly mounting bracket for marker guides.  
These system can be mounted vertical or horizontally, when mounting horizontally you must use a bracket or sling to support the base of the filter cartridge. (not supplied)
2. Screw wood screws NOT supplied with unit into marked positions. Leave screw heads out a little.
3. Mount purification system onto screws.

## Start Up Procedure:

1. With everything connected, turn on the water check for leaks.
  2. Let the water run for at least 3-5 minutes. This flushes the filters on first time use.
  3. Close the sink top faucet. Check the system for leaks.
- The system is now ready for use.

## Caution For Your Safety

- ☐ Change filters regularly every 12 months. Or sooner is required
- ☐ Use only cartridges deemed suitable for this appliance.
- ☐ Flush system for 3-5 minutes after a period of non-use that exceeds 30 days

## FILTER CHANGING PROCEDURES

Filters should be changed every 12 months . Not changing your filters regularly can cause bacteria to grow and contaminate the water

### Filter Changes

1. Turn water supply off.
2. Open faucet to help de-pressurize system.
3. Unsnap the filter cartridge by turning clockwise.
4. Insert new cartridge and snap anti clockwise to lock.
5. Once the cartridge is locked in position, open mains supply and check for leaks
7. Flush the system for 3-5 minutes to get rid of any carbon fines and sanitisers . Then follow normal system start up procedures.

