

Undersink Filter System with Replaceable Cartridge

Parts List (see diagram 2):

- 6 Ft. of tubing
- 1 Quick Connect Tee Adapter Valve
- 1 filter faucet Kit with QC Adapter
- 1 sealed filter (up to three depending on unit)
- 1 KDF/GAC filter cartridge (Inside RUS sump)
- 1 Sediment cartridge (Inside RUSD unit sump 2)
- 1 Specialty cartridge (Inside RUS-T unit sump 3)
- 1 housing wrench
- 1 wall mount bracket

INSTALLATION

IMPORTANT: This system must be installed by a licensed plumber.

1. Remove filter and all parts from carton and check against parts list.
2. Locate the cold water valve under the counter.
3. Turn cold water off at the valve.
4. Turn cold water faucet on to release water in the line.
5. Connect the faucet Quick adapter to the provided faucet and choose the best location for the filter and set it in the desired place. It may be necessary to drill a hole 7/16" in diameter through the sink or countertop (See Diagram 2).
6. Estimate and cut the amount of tubing needed to connect the INLET tubing from the valve to the fitting marked INLET. Make sure the tubing is long enough to make any needed turns and move freely without kinking the tubing. Estimate and cut the tubing to be placed from the outlet of the unit (OUTLET tubing) to the provided filter faucet. Attach INLET tubing. (See Diagram 3).
7. **Installing the Quick Connect T Adapter to the cold water valve.**

Disconnect the cold water line at the cold water valve. Install the T adapter to the cold water valve (Side with the swivel nut). Make sure the threaded end of the valve is in the desired position.



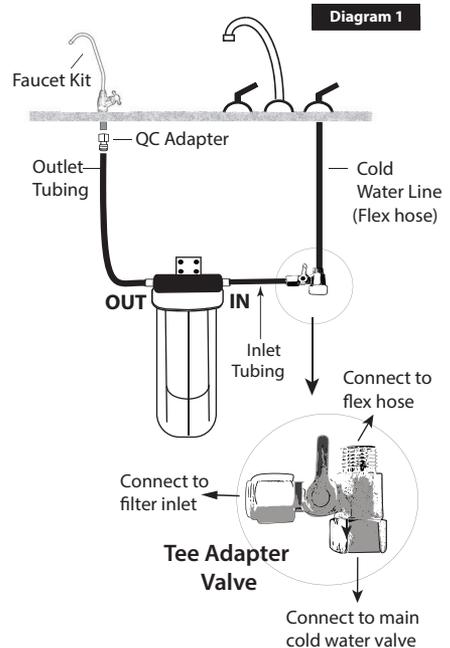
Single, double or triple systems

9. Attach cold water line previously attached to the cold water valve to the T adapter valve. **See Diagram 1** and **Diagram 3**

10. Connect the INLET tubing to the T adapter valve and to the INLET of the filter. NOTE: If the unit is provided with a Pressure Reducing Valve (PRV), connect the PRV to the INLET tubing anywhere along the length of the tubing. (You will need to cut tubing)

11. Connect the OUTLET tubing to the filter faucet provided.

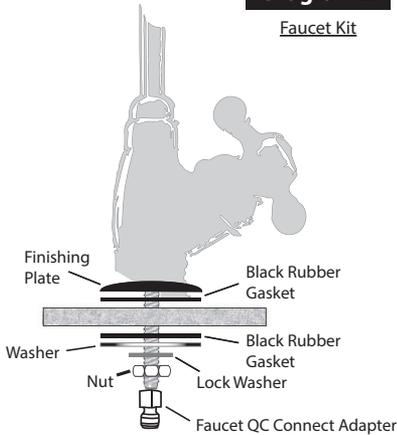
See Diagram 1, 2, and 3



Undersink Filter System with Replaceable Cartridges

Diagram 2

Faucet Kit



It may be necessary to drill a hole 7/16" in diameter through the sink or countertop

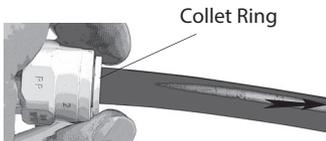
Diagram 3

Plastic Quick Connect Fitting

Cut the tube square and push past the o-ring until the tube stops. Tube is secured in position.



Disconnection is just as easy: push collet ring against body of fitting and slide tube out of fitting.



Note: Copper piping can be used with quick connect fittings but the pipe needs to be cut clean before inserting it into the fitting in order to prevent damage to the o-ring.

TURNING WATER ON AND CHECKING FOR LEAKS

1. Make sure the filter faucet handle is in the open position.
2. Turn the handle of the main shut of valve firmly counter clockwise until it stops.
3. Slowly turn the tee adapter valve handle counter clockwise until it stops.
4. Close the filter faucet and check for leaks.
5. Run filter water until is clear of any carbon fines.

SPECIFICATIONS

- Cold water only (85 F / 29.4 C)
- Municipally treated water
- Max. Flow: See product label
- Max. Pressure: 20 psi (1.4 bar) to 60 psi (4.1 bar)

MAINTENANCE FREE SYSTEM

This system requires periodical maintenance. The actual length of time this filter will effectively remove contaminants will depend on the original quality of the source water, the pH and the amount of water used. A reduction in water flow or a change in the color or the taste of the water should be considered an indication that the filter is near the end of its useful life. Replace filter cartridge or cartridges as the individual cartridge specification demands. To service the unit cartridges, open the unit housing with the provided wrench as illustrated in the diagram below.

