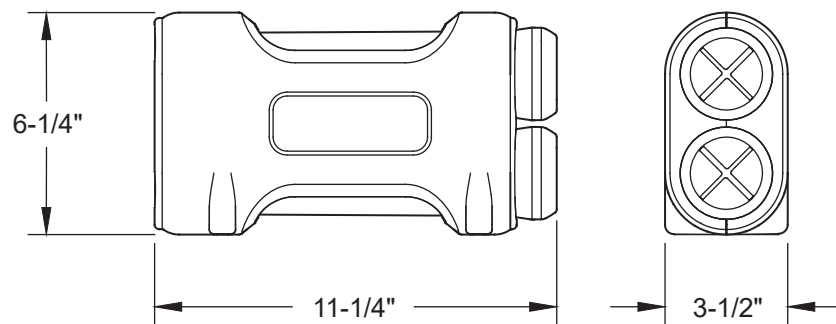


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# Before You Start

- ▼ Read all steps and guides thoroughly before installing and using your water filtration system. Follow all steps exactly to correctly install. Reading this manual will also help you to get all the benefits from the water filtration system.
- ▼ Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. This system is certified for cyst reduction and may be used on disinfected waters that may contain filterable cysts.
- ▼ All plumbing should be done in accordance with local codes and requirements. In Massachusetts, plumbing code 248 CMR 3.00 and 10.00 shall be adhered to. Consult with your licensed plumber.
- ▼ The water filtration system works on water pressures of 30 psi (minimum) to 100 psi (maximum). If your house water pressure is over the maximum, install a pressure reducing valve in the water supply pipe to the filter system.
- ▼ Do not install the water filtration system outside, or in extreme hot or cold temperatures. The temperature of the water supply to the water filtration system must be between 40°F and 100°F. Do not install on hot water.

## Dimensions



**FIG. 1**

**Questions? Call Toll Free 1-866-986-3223** or visit **[whirlpoolwatersolutions.com](http://whirlpoolwatersolutions.com)**

When you call, please be prepared to provide the model, date code and serial number, found on the rating decal on back.

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# Parts of the System

- Filter system assembly
- Water supply fitting
- Filtered water faucet for sink or countertop mounting
- Color coded 3/8" tubing to make all needed connections
- Filter change drip tray

## Materials and Tools Needed

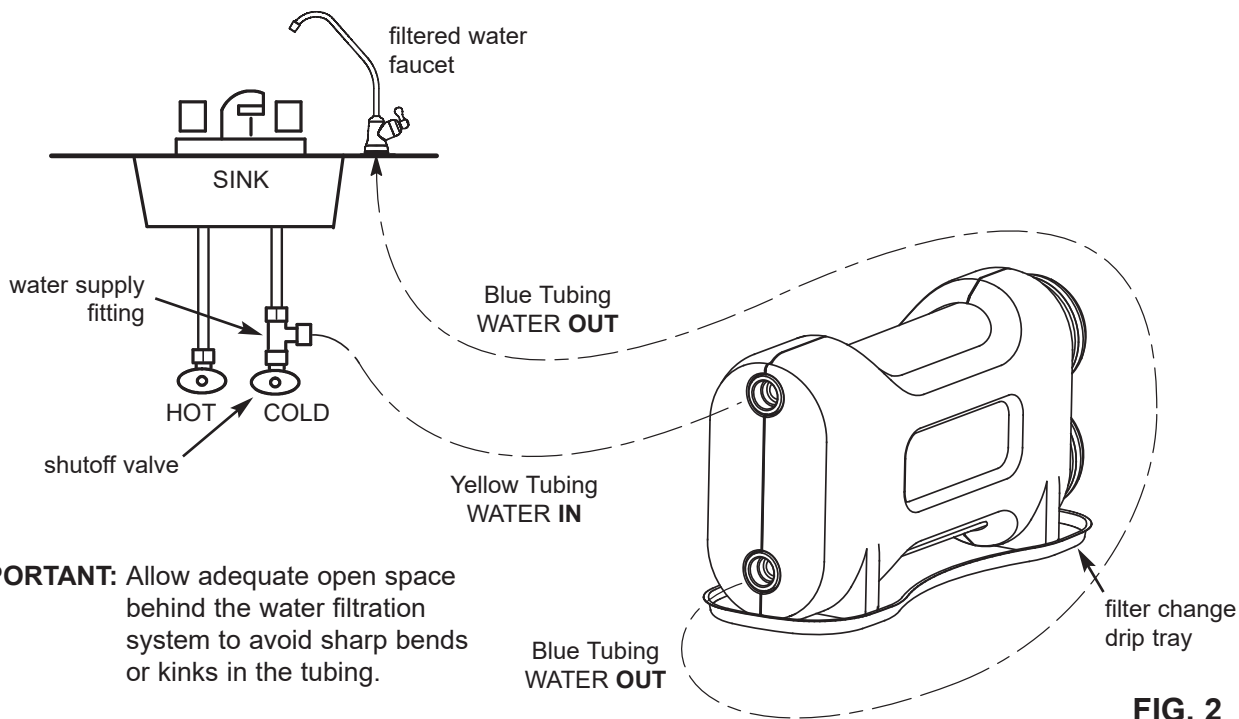
**NOTE:** Gather the required tools before starting installation. Read and follow the instructions provided with any tools listed here.

- Slotted and Phillips screwdrivers
- Pliers and adjustable jaw wrench
- Tubing cutter
- Electric drill and 1-1/4" drill bit if mounting hole is needed for the faucet

**IMPORTANT:** To avoid damaging the sink, consult a qualified plumber or installer for drilling procedures in porcelain or stainless steel.

## Typical Undersink Installation

Locate the water filter housing on the cold water supply pipe, under the kitchen and/or bathroom sink, to filter the cold drinking water. Refer to the following drawing.



# Installation Instructions

## Step A - Install Cold Water Supply Fitting

Check and comply with local plumbing codes as you plan, then install a cold water supply fitting. The fitting must provide a leak-tight connection to the water filter 3/8" tubing. A typical connection using the included water supply fitting is shown in Figure 3A. An optional connection using standard plumbing fittings (not included) is shown in Figure 3B.

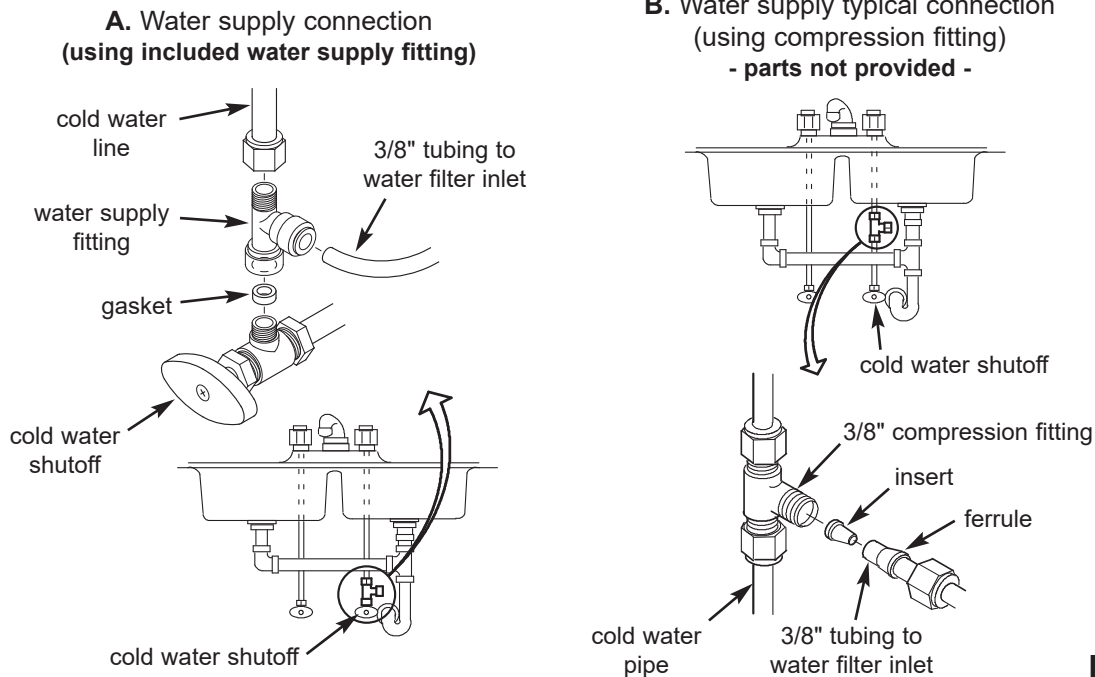
### Included Water Supply Fitting

1. Close the cold water shutoff valve (angle stop valve) that the water supply fitting will be installed on, and open faucet(s) to relieve pressure.
2. Disconnect the existing cold water line from the water shutoff valve.
3. Make sure that the water supply fitting's gasket is inside the female threaded portion of the fitting.
4. Install the water supply fitting onto the cold water shutoff valve, where the existing cold water line was removed, and hand tighten. Make sure not to cross thread or overtighten.
5. Connect the existing cold water line to the male threaded portion of the water supply fitting and hand tighten. Make sure not to cross thread or overtighten.

### Optional Pipe Fittings (compression type shown)

**NOTE:** Be sure to turn off the water supply and open a faucet to drain the pipe.

Complying with plumbing codes, install a fitting on the cold water pipe to adapt 3/8" OD tubing. A typical connection is shown in Figure 3B. If threaded fittings are used, be sure to use pipe joint compound or thread sealing tape on outside threads.



**FIG. 3**

## Step B - Make Hole For Filtered Water Faucet

**IMPORTANT:** To avoid damaging the sink, consult a qualified plumber or installer for drilling procedures in porcelain, stainless steel, or granite. Special drill bits are made for this.

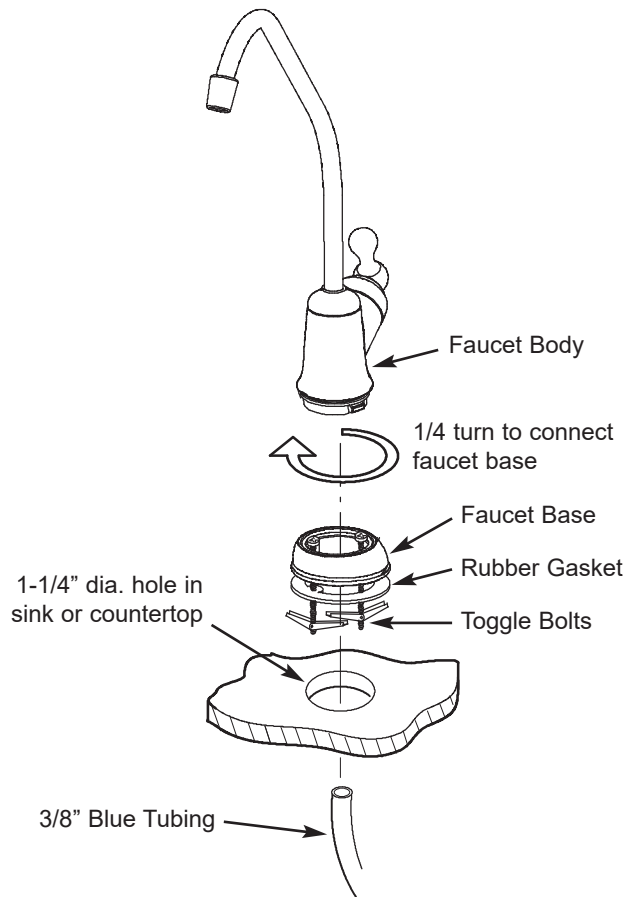
1. Select one of the following places to install the faucet. Be sure there is room underneath so you can make the needed connections.
  - In an existing sink spray attachment hole.
  - Drill a hole in the sink top.
  - Drill a hole in the countertop next to the sink.
2. If drilling is needed make a 1-1/4" dia. (minimum) hole for the faucet.

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# Installation Instructions

## Step C - Install Faucet

1. Mount faucet base to sink hole until the faucet base is flat against the sink surface. The rubber gasket should be between the sink surface and the faucet base. See Figure 4.
2. Tighten the toggle bolts until the base is firmly mounted to the sink surface. Do not overtighten.
3. Feed a length of 3/8" blue tubing up through the hole and insert end into the push-in fitting on the bottom of the faucet. Push tubing through the collet and all the way into the fitting. Full engagement is 3/4" length of tube into the fitting. Pull on the tube to be sure it's held firmly in the fitting. The other end of this tubing will be connected to the filter system outlet in Step D, below.
4. Mount the faucet body on to the faucet base, 1/4 turn. See Figure 4.



**FIG. 4**

## Step D - Make Tubing Connections

1. Allowing some slack, measure and cut a length of 3/8" tubing to connect between the supply fitting and the filter system inlet (See Figure 2). Cut the ends of the tubing square.
2. Insert tubing all the way into the supply fitting and inlet fitting. Pull on the tubing to be sure that it's held firmly in the fittings.
3. Repeat steps 1 and 2 to connect tubing from the faucet to the filter system outlet (See Figure 2).

Tubing Connection (all push-in fitting locations):

This system includes push-in fittings for quick tubing connections. If working with the fittings, do the following.

continued on the next page

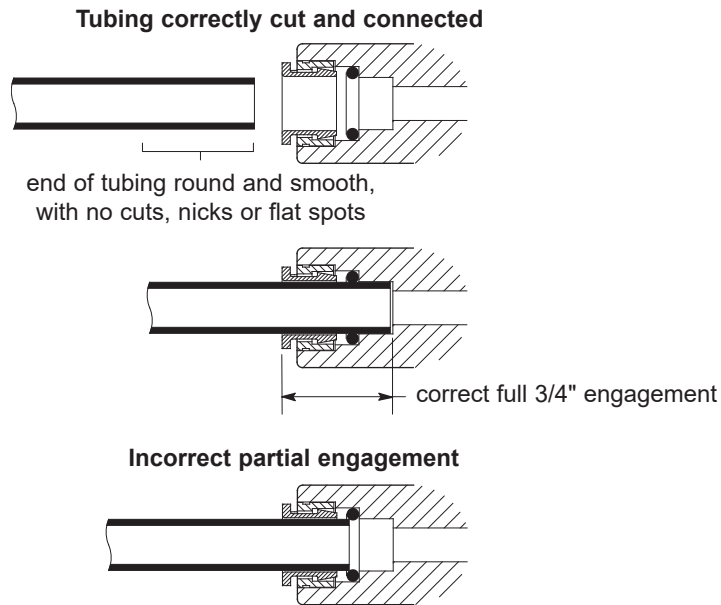
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# Installation Instructions

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## Connect Tubing:

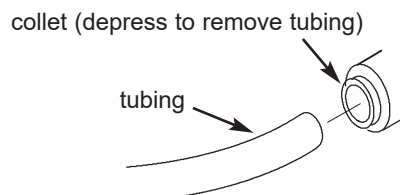
1. Use a box cutter or knife to cut the end of tubing square.
  2. Inspect the end (about 1") of the tubing to be sure there are no nicks, scratches, or other rough spots. If needed cut the tubing again.
  3. Push tubing through the collet and all the way into the fitting. Full engagement is 3/4" length of tube into the fitting.
- If tubing other than supplied with the system is used, be sure it is of high quality, exact size, and roundness with a smooth surface.



**FIG. 5**

## To Disconnect Tubing:

1. Push the collet inward and hold with a finger while pulling the tubing out.



**FIG. 6**

## Step E - Turn On Water, Check for Leaks and Rinse Carbon Fines

1. Open the shutoff valve(s) that you closed at the beginning of this installation.
2. Open the sink faucet and filtered water faucet to purge air from the system. When the water runs smooth, with no bubbles or spurting, close faucets and check the installation for leaks.
3. Open the filtered water faucet and let the water run for 10 minutes to rinse out carbon fines.

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