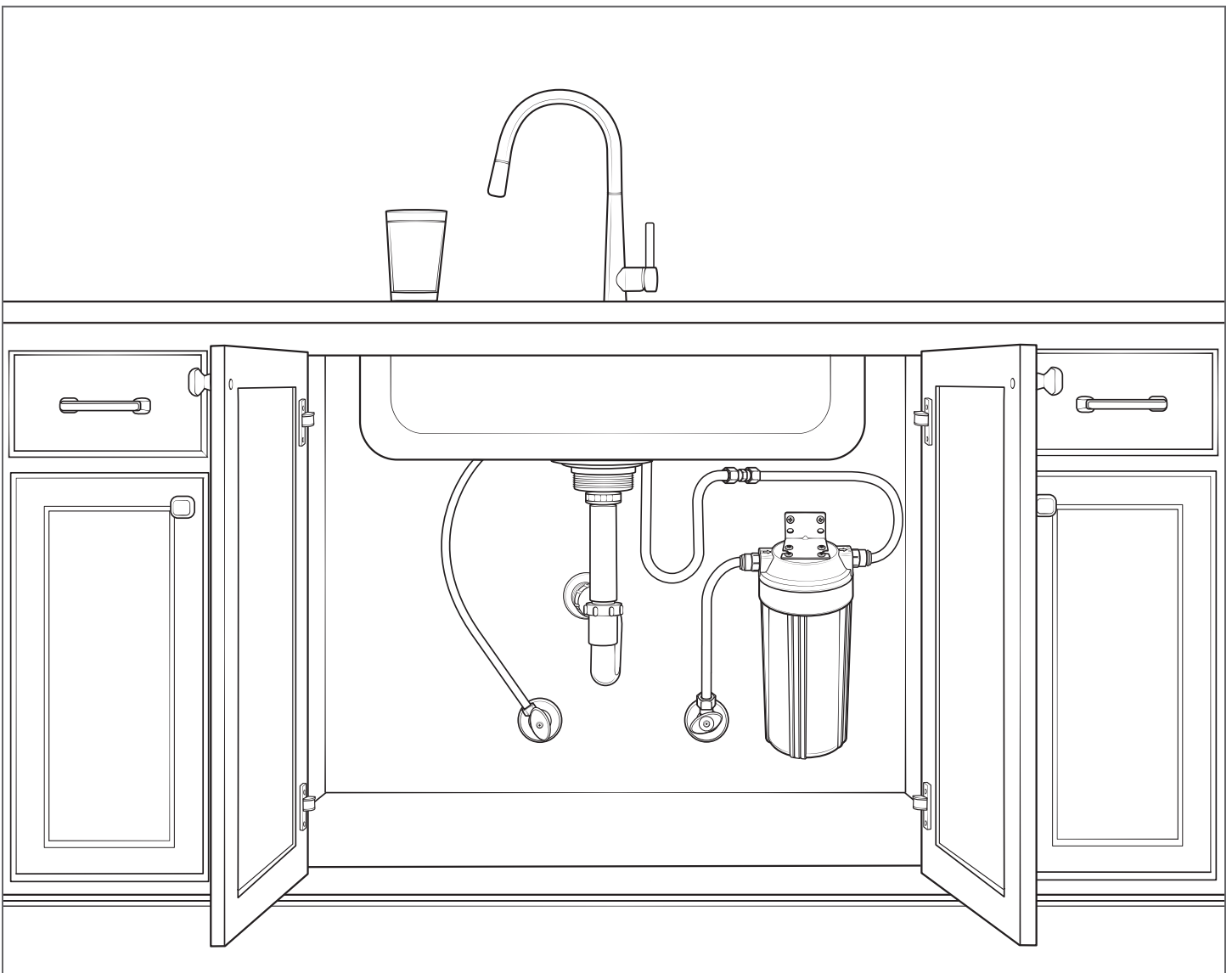




Direct Connect

Water Filtration System



Model:107071

Introduction

The Direct Connect water filtration system is designed for in home use. It connects directly to the cold water in any kitchen, bathroom, or utility sink faucet to provide clean, healthy water for drinking and cooking.

These revolutionary, easy-to-install systems connect to your existing plumbing and into the cabinet below your sink.

Safety

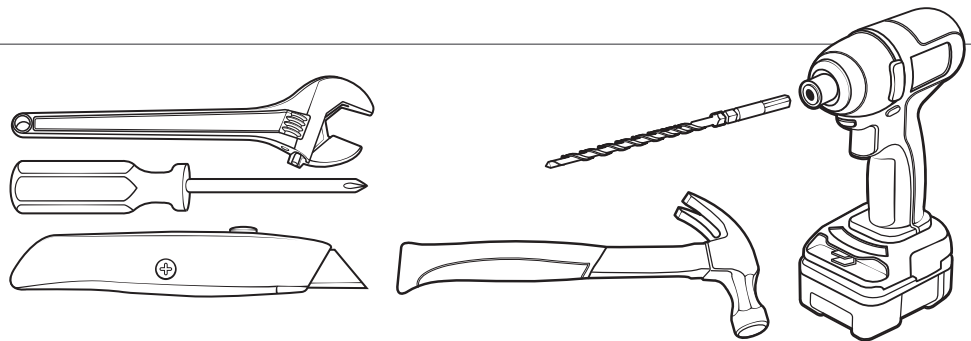
Exposure of the filters to freezing temperatures (32°F, 0° C) or temperatures exceeding 110°F (37.8° C) may damage the filters and cause the system to malfunction. Always install the filters where the temperature is above freezing and below 110°F (37.8° C).

High water pressure may cause plumbing issues that could damage the filtration system and cause plumbing leaks. The maximum recommended water pressure for home is 80 psi. If the pressure exceeds 80 psi a pressure reducing valve must be installed.

Installation and use of the system must comply with all state and local plumbing codes. If necessary, contact a local plumber for advice or help with installation.

Required Tools

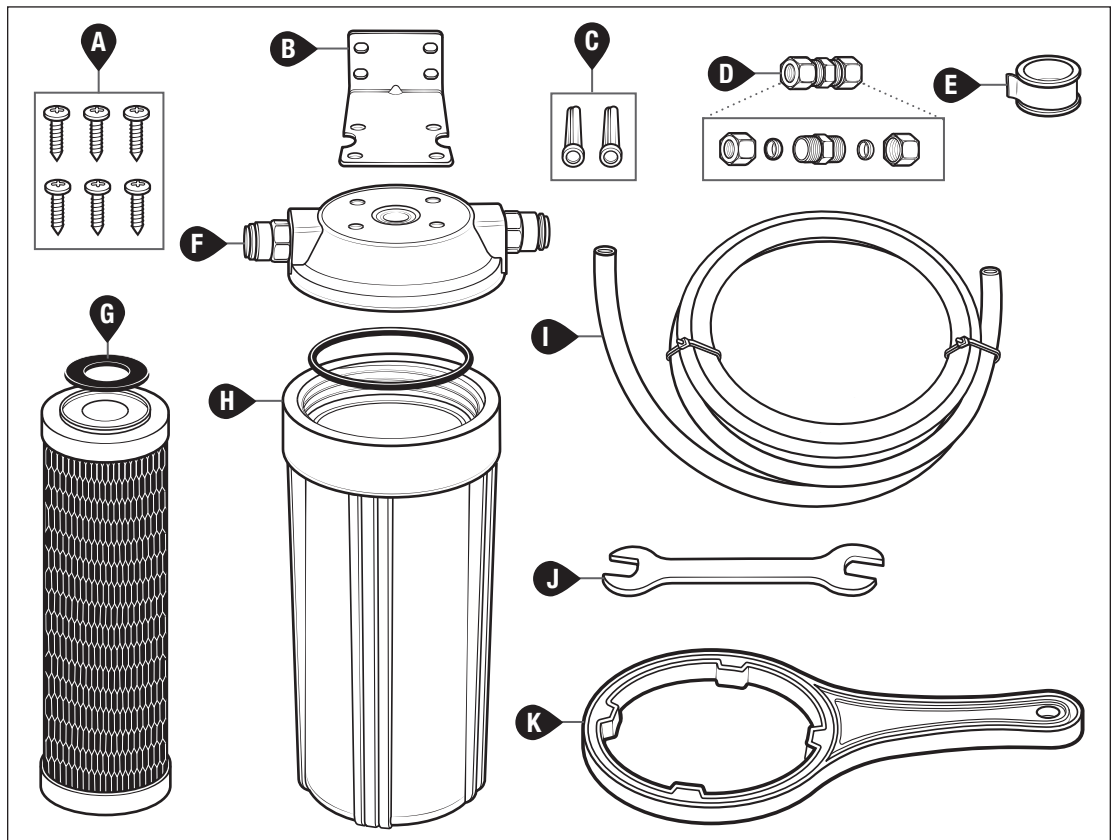
- Adjustable wrench (optional)
- Drill with 3/16" drill bit
- Phillips head screwdriver
- Razor, knife or tube-cutter
- Hammer



Product Components

Check that the following components are included in your package:

- A.** Mounting screws (x6)
- B.** Bracket
- C.** Wall anchor (x2)
- D.** Compression fitting 3/8" (with joining rings)
- E.** Teflon tape
- F.** Housing cap
- G.** Filter (with gaskets x2)
- H.** Housing sump
- I.** Tubing 3/8" x 6'
- J.** Wrench 9/16" x 5/8" (x2)
- K.** Housing wrench



Installation

Important! Failure to follow these instructions, or use of parts other than genuine Radiant Life components, will void the warranty.

Note: Before starting installation, determine if you have a 3/8" or 1/2" cold-water shut-off valve connected to the faucet cold water supply. The supplied compression fitting is for a 3/8" connection.

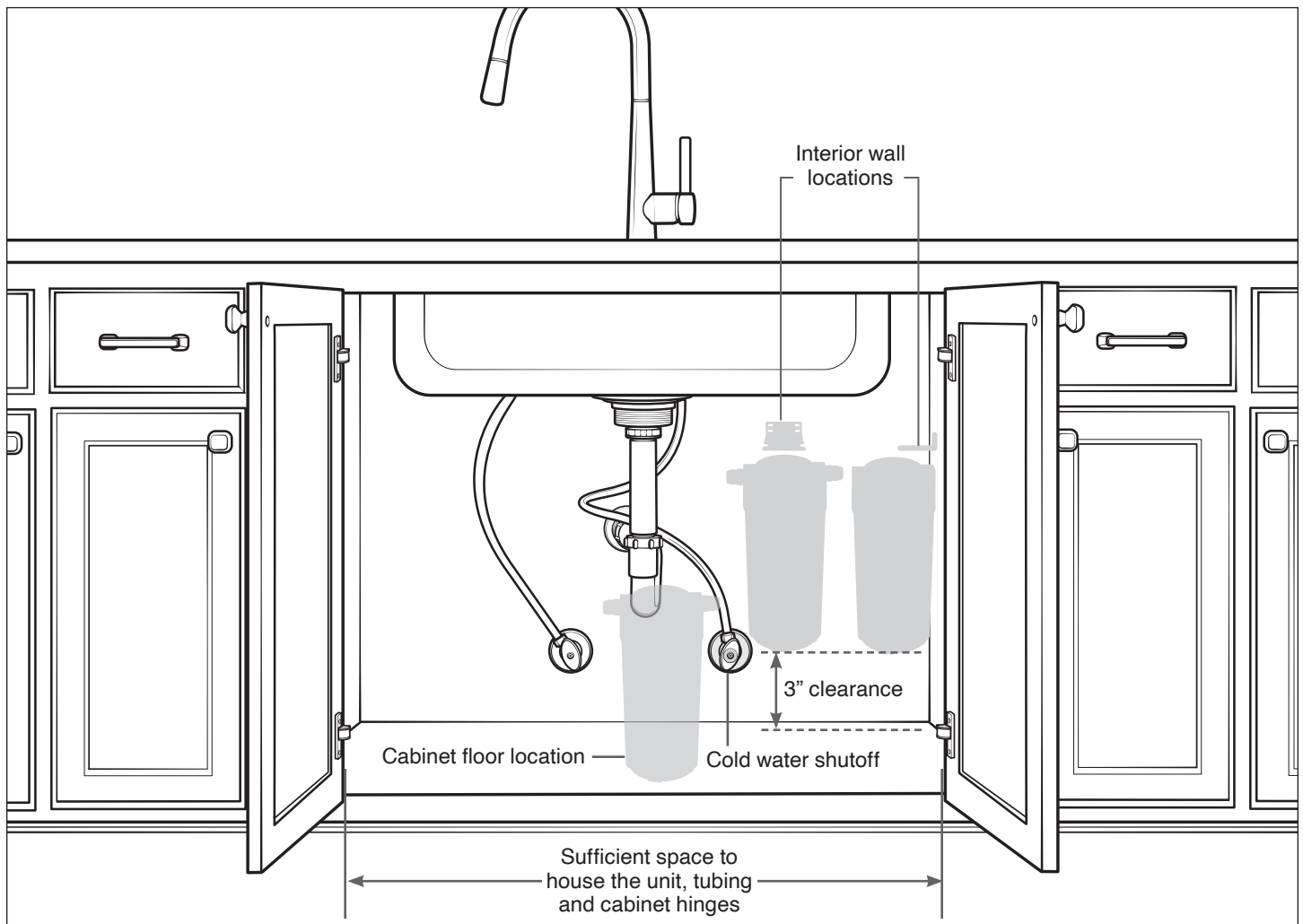
If you have a 1/2" cold-water shut-off valve you will need to purchase an adapter for the cold-water shut-off valve (i.e.: 3/8" Compression to 1/2" MIP adapter) and a hose or adapter for the cold-water hose (i.e.: 3/8 x 1/2 male ABS x MIP adapter or 1/2" to 3/8" supply hose).

Step 1 Select the Desired Mounting Location

The following are important considerations when choosing the location:

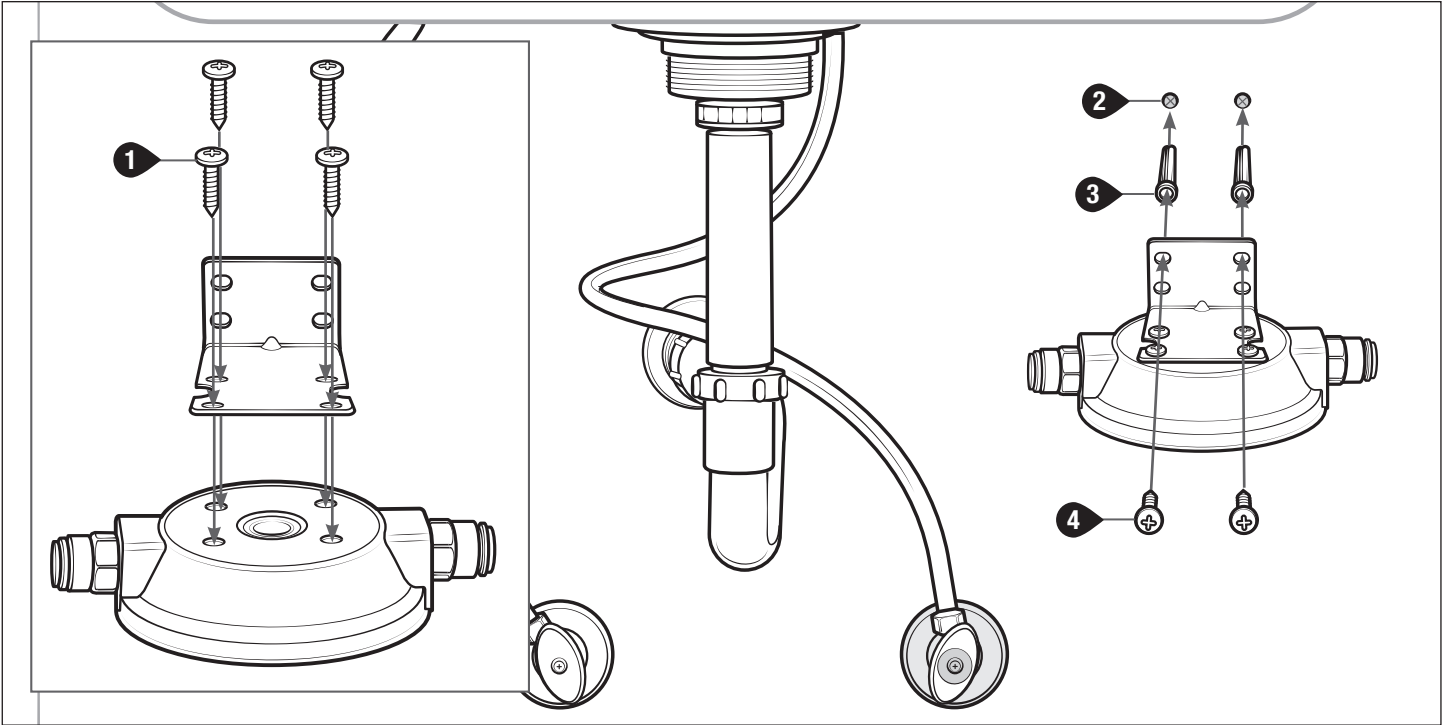
- The Housing assembly can be mounted to an interior wall or rest on the cabinet floor. If you do not wish to mount the Housing assembly to the interior walls simply place the Housing assembly in the desired location on the cabinet floor. **Important!** The housing assembly **must** remain in the vertical position. Tip-over may result in leakage.
- Allow sufficient space to access the unit for maintenance.
- Ensure the Housing assembly or tubing will not interfere with the cabinet door.
- The supplied tubing used to connect the Housing assembly to the cold-water shut-off valve and the cold-water hose is 6 feet long. Position the Housing assembly so the tubing fits comfortably (i.e.: no pinching, kinks or over stretched) between the Housing assembly and the cold-water connections.

Important! Ensure there is sufficient space to change the Filter when mounting to the wall. There must be a minimum of 3 inches of clearance between the bottom of the Housing assembly (i.e.: Bracket, Housing Cap and Sump) and the floor.



Step 2 Mount the Housing Cap to an Interior Wall

1. Attach the Bracket to the Housing Cap with the four (4) Mounting Screws.
2. Position the Bracket in the desired location and mark the mounting hole locations.
3. Drill a 3/16" pilot hole at the mounting hole locations, inserting the wall anchors in each hole.
4. Fasten the Bracket to the wall with the two (2) remaining Mounting Screws.



Step 3 Connect the Cold-water Shut-off Valve to the Housing Cap

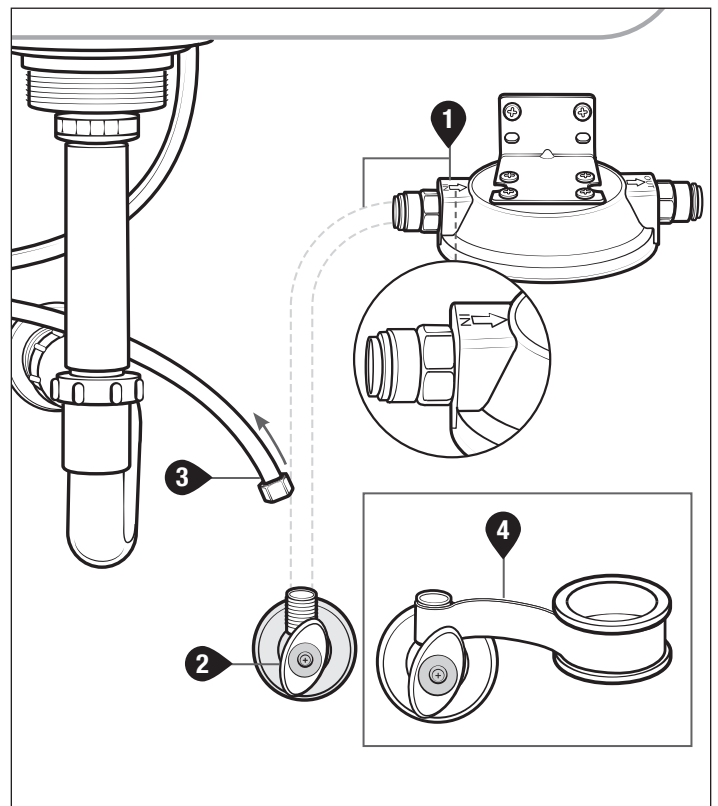
Important! Install with the inlet and outlet ports as labeled. Do not install in the reverse direction.

Note: The following instructions are for installation on a 3/8" cold-water shut-off valve.

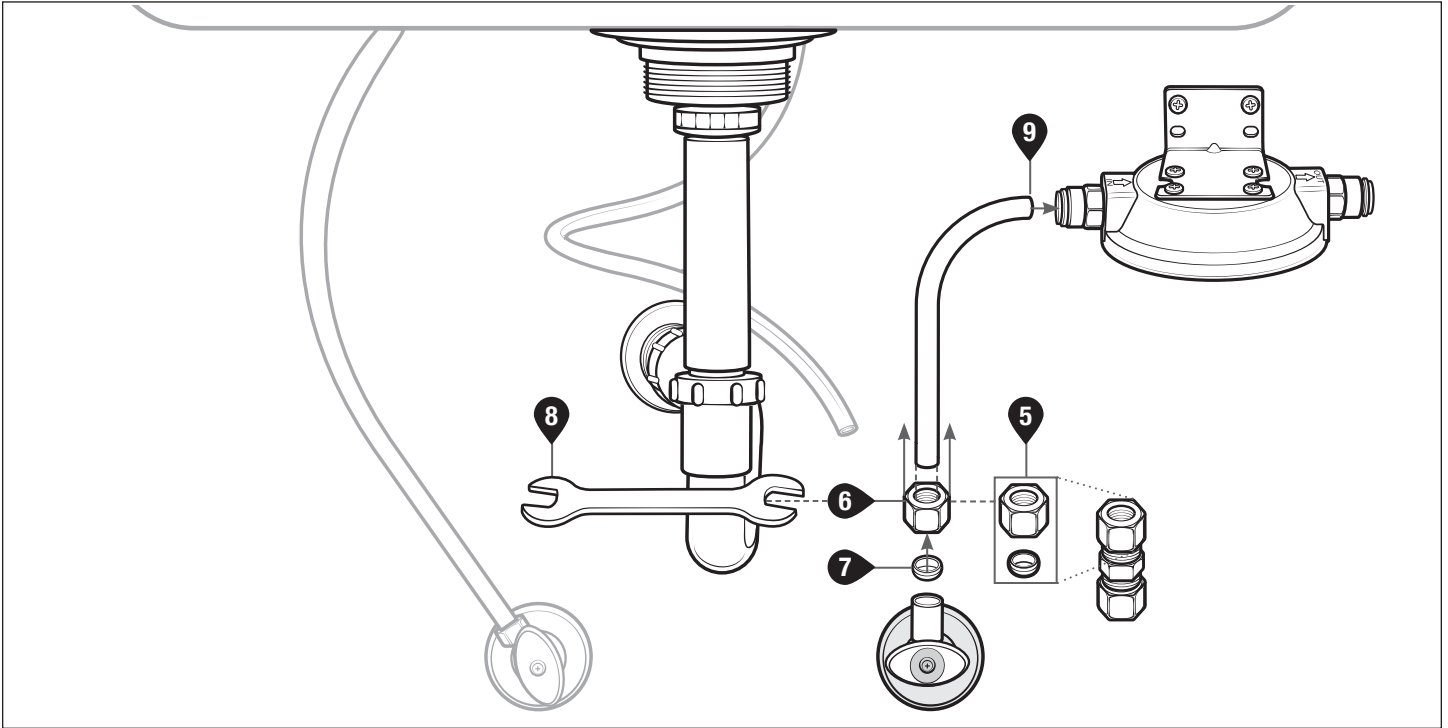
Before proceeding: if you have a 1/2" cold-water shut-off valve you will need to purchase and install, a 3/8" compression to 1/2" MIP adapter. Be sure to apply Teflon Tape to the male threads on the valve and adapter. Do not over tighten.

Follow these steps to connect the cold-water shut-off valve to the Housing Cap:

1. Determine the length of tubing required to reach from the Housing Cap inlet (IN) port to the cold-water shut-off valve. Cut to length.
2. Place a towel(s) under the cold-water shut-off valve. Shut off the water supply by closing the cold-water shut-off valve. Open the cold-water side at the faucet to relieve the water pressure.
3. Disconnect the cold-water hose from the cold-water shut-off valve.
4. Wrap the Teflon Tape around the male threads on the cold-water shut-off valve (2–3 wraps).



5. Remove one Nut and Joining Ring from the Compression Fitting.
6. Slide the Nut over the tubing with the threads facing out.
7. Slide the Joining Ring over the tubing.
8. Insert the tubing into the cold-water shut-off valve. Using the supplied wrenches, attach the Nut on the tubing to the cold-water shut-off valve. Do not over-tighten.
9. Insert the tubing into the Housing Cap inlet (IN) port.



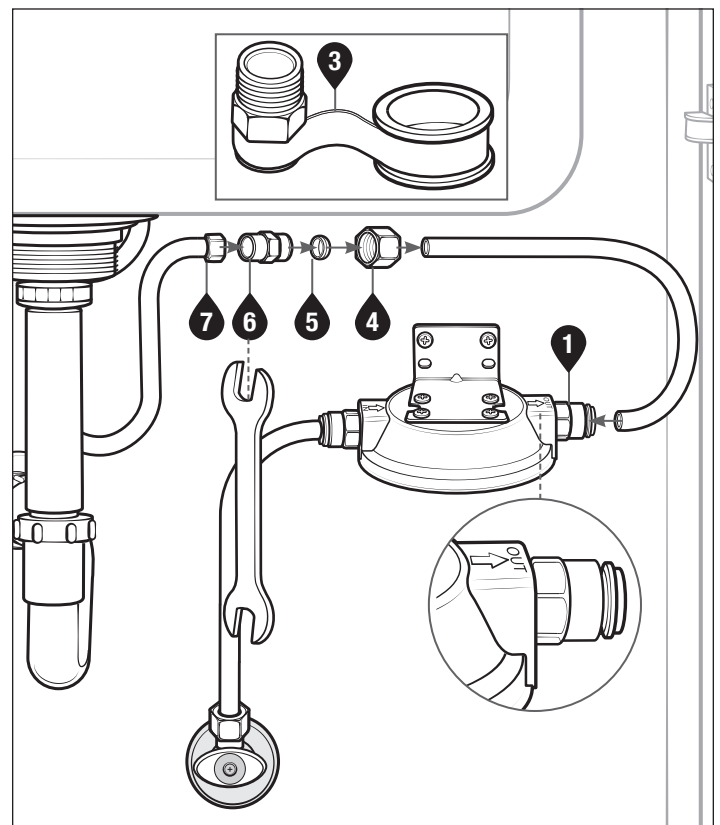
Step 4 Connect the Housing Cap to the Cold Water Hose

Note: The following instructions are for installation on a 3/8" cold-water hose.

Before proceeding. If you have a 1/2" cold-water hose you will need to purchase and install, a hose or adapter for the cold-water hose (i.e.: 3/8 x 1/2 male ABS x MIP adapter or 1/2" to 3/8" supply hose) **before proceeding**. Be sure to apply Teflon Tape to the male threads on the valve and adapter. Do not over tighten.

Follow these steps to connect the cold-water hose to the Housing Cap:

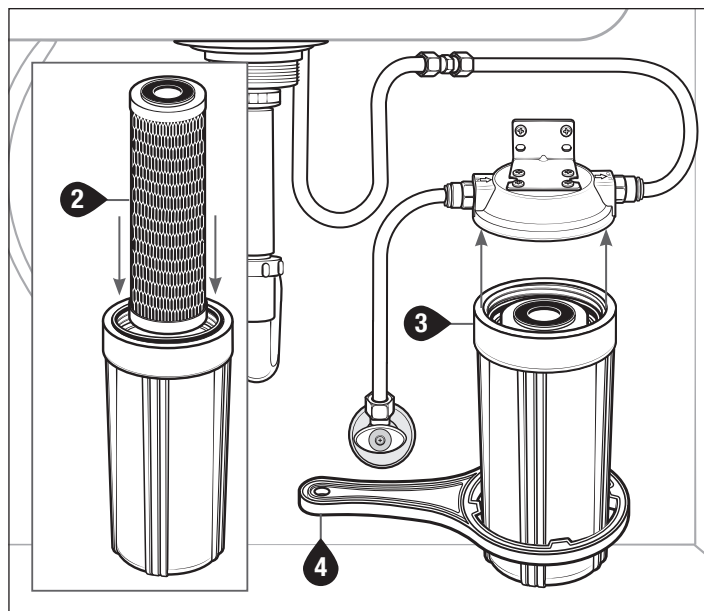
1. Insert the tubing into the Housing Cap outlet (OUT) port.
2. Remove the remaining Nut and Joining Ring from the Compression Fitting.
3. Wrap Teflon Tape around the male threads on both ends of the Compression Fitting (2–3 wraps).
4. Slide the Nut over the tubing with the threads facing out.
5. Slide the Joining Ring over the tubing.
6. Using both supplied wrenches, thread the Compression Fitting into the Nut on the tubing. Do not over-tighten.
7. Using both supplied wrenches, thread the Compression Fitting into the cold-water hose. Do not over-tighten.



Step 5 Attach the Housing Sump

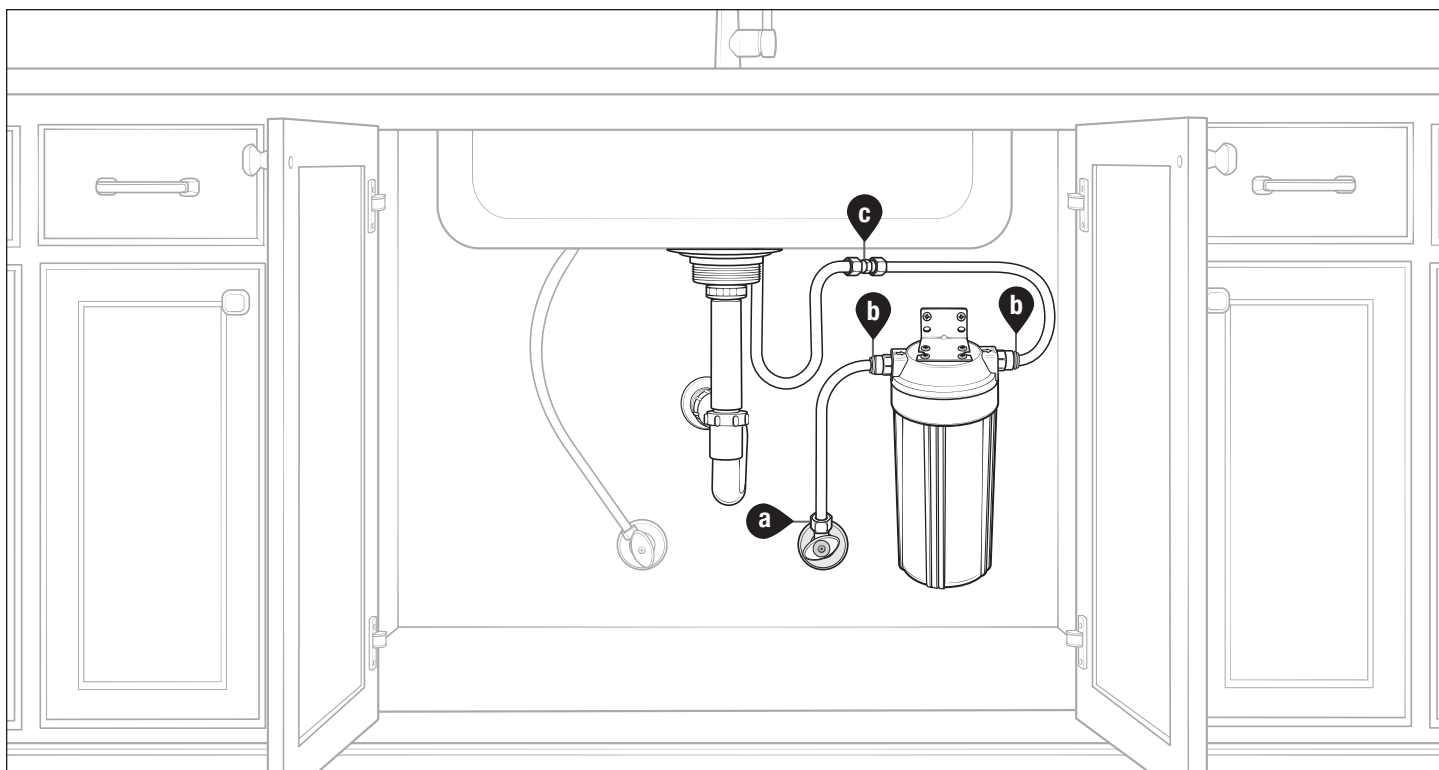
1. DO NOT remove the mesh covering the carbon block filter. Only remove the protective cellophane wrapping from the Filter.
2. Place the Filter into the Housing Sump. **Important!** Ensure the black upper and lower Filter gaskets remain in place.
3. Attach the Housing Sump onto the Housing Cap.
4. Using the supplied Housing Wrench, gently tighten until snug. Do not over-tighten.

Tip: Over-tightening Housing Sump will make removal difficult.



Step 6 Final Installation Check

1. Slowly open the cold-water shut-off valve checking for leaks at the following connections:
 - a. Connection at the cold-water shut-off valve
 - b. IN and OUT connections at the Housing Cap
 - c. Connection at the cold-water hose
2. If leaks exist, push the tubing into the push-in fittings or tighten the threaded fittings. Open the cold-water shut-off valve completely if no leaks exist.
3. Open the sink faucet running the water for 2–3 minutes to precondition the Filter.
4. Turn off the water, inspect for leaks again and repair if necessary.
5. Flush the system for an additional 3–4 minutes before initial use. **Note:** It is normal to see small particles of black carbon as the Filter flushes the system. It may take a few days to completely flush the system.

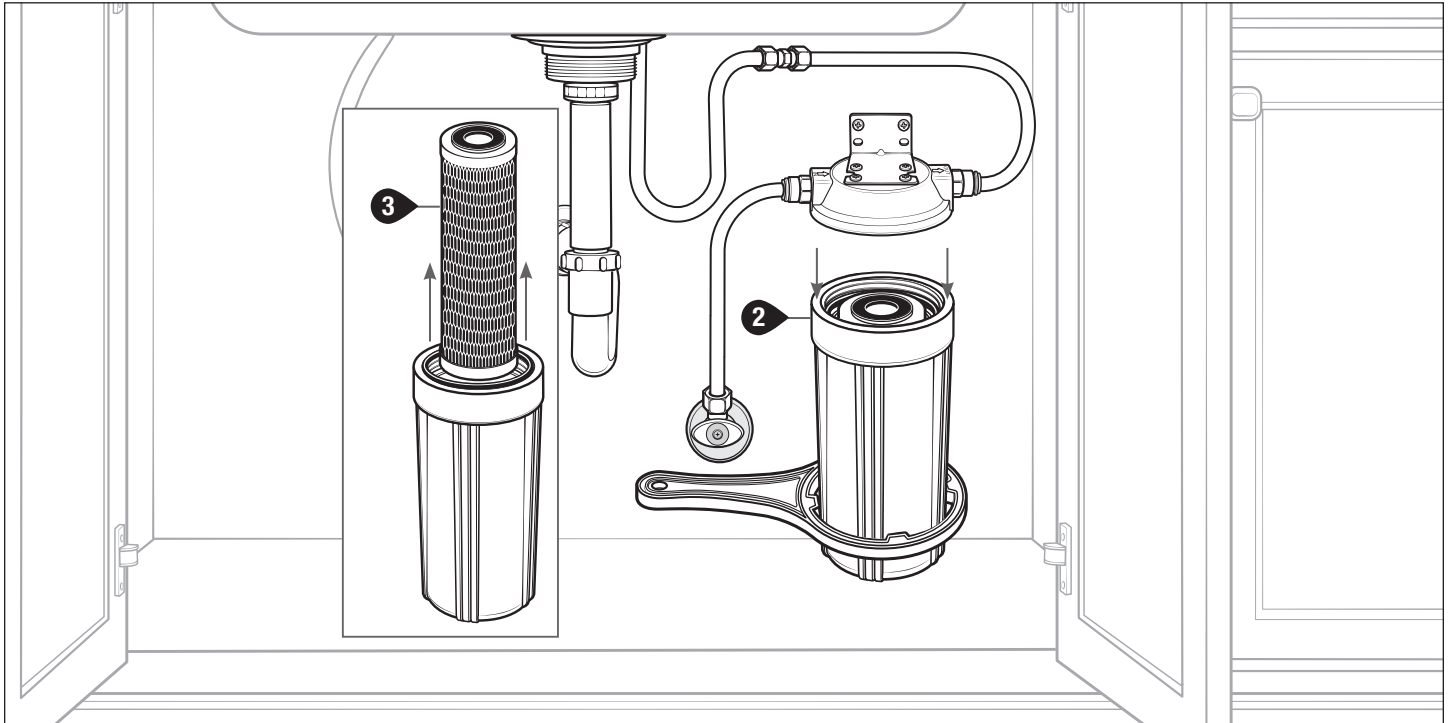


Maintenance

If the filter becomes clogged due to poor water quality it should be cleaned as needed. If flow is not restored after cleaning, the filter will need to be replaced. At a minimum, the filter should be replaced every 12 months.

Follow these steps to replace or clean the Filter:

1. Place a towel(s) under the cold-water shut-off valve. Shut off the water supply by closing the cold-water shut-off valve. Open the cold-water side at the faucet to relieve the water pressure.
2. Remove the Housing Sump using the Housing Wrench.
3. Remove the old Filter and gaskets.



Replacing the Filter

4. Place the new Filter and gaskets in the Housing Sump.
 5. Re-attach the Housing Sump to the Housing Cap and hand tighten. Do not over-tighten.
 6. Slowly open the cold-water shut-off valve, checking the Housing Cap and Housing Sump connection for leaks. If there is a leak, using the Housing Wrench, tighten the Housing Sump by rotating it in small increments until firmly secured and no leaks present.
- Tip:** Over-tightening the Housing Sump will make future removal difficult.
7. Perform Step 6 Final Installation Check on page 6.
 8. Discard the old Filter and gaskets.

Cleaning the Filter

1. Take the Filter to another sink or re-attach the Housing Sump to the Housing Cap.
2. Under cold water, gently rub the outside of the Filter.
3. Return the Filter and gaskets back the Housing Sump.
4. Rinse the Filter after rubbing the entire surface.
5. Re-attach the Housing Sump to the Housing Cap and hand tighten. Do not over-tighten.
6. Slowly open the cold-water shut-off valve, checking the Housing Cap and Housing Sump connection for leaks. If there is a leak, using the Housing Wrench, tighten the Housing Sump by rotating it in small increments until firmly secured and no leaks present.
7. Perform Step 6 Final Installation Check on page 6.

Direct Connect and Direct Connect Plus 3 Year Limited Warranty

What is Covered

Radiant Life warranties to the original purchaser of the Direct Connect or Direct Connect Plus water filter system against defects in materials or workmanship in manufacturing for 36 months from the original date of purchase, except as noted below.

What is not Covered

This warranty does not cover filter cartridges that were not installed according to the instructions provided with your system, operated incorrectly, abused, or improperly maintained. This warranty also does not cover the following items:

- Clogging (water conditions)
- Incidental or consequential damages caused by failure of the product
- Labor costs to install or replace the filters or system
- Damages caused by fire, flood or acts of God
- Damage from non-potable water supplies
- Damages caused by any person

This warranty is voided if the product is not installed with genuine Radiant Life components and in accordance with the provided instructions. This includes, but is not limited to, filters, faucets, and fittings/valves.

What Radiant Life will do

Radiant Life, under this warranty, will replace the defective part(s) without charge, providing installation instructions to the consumer for a licensed plumber.

How to get service

To receive assistance with your water system and warranty, contact the Water Service Team at 888-593-9595 Opt. #2 or email waterservice@radiantlife.com. Be prepared to provide account details, purchase date, and describe the problem to the representative, who will verify the warranty. At this time, it will be determined if a new part or system will be replaced at no cost to you.

Customer Service

Contact the Radiant Life Water Service Team for instructions and authorization number for returning the defective part or product.



Water Service Division

Radiant Life

Address: 5277 Aero Dr. • Santa Rosa, Ca 95403

Phone: (888) 593-9595 Option 2

Fax: (707) 433-8898

Email: waterservice@radiantlife.com