

HIS

Under Counter Filter System Instruction Sheet



Step 1 - Inventory Parts Received

1. This Instruction Sheet
2. Filter System (loosely assembled)
3. Mounting Bracket with
 - a. 4 large head screws
 - b. 2 small self tapping screws
- Parts 4-7 Only Included if ordered with the DIY KIT
4. EZ Adaptor (black)
5. Faucet assembly
6. Connecting tubing (3/8" plastic)
7. Faucet connector (white plastic)

Step 2 - Install Filter Housing

1. Select a suitable location for the filter housing under the sink.
 - a. Location should be reasonably accessible for filter cleaning and/or replacement.
2. Install the filter bracket on the filter head/cap using the four (4) large head screws.

NOTE: The flow arrow embossed on the top of the head indicates the filter inlet and outlet ports.

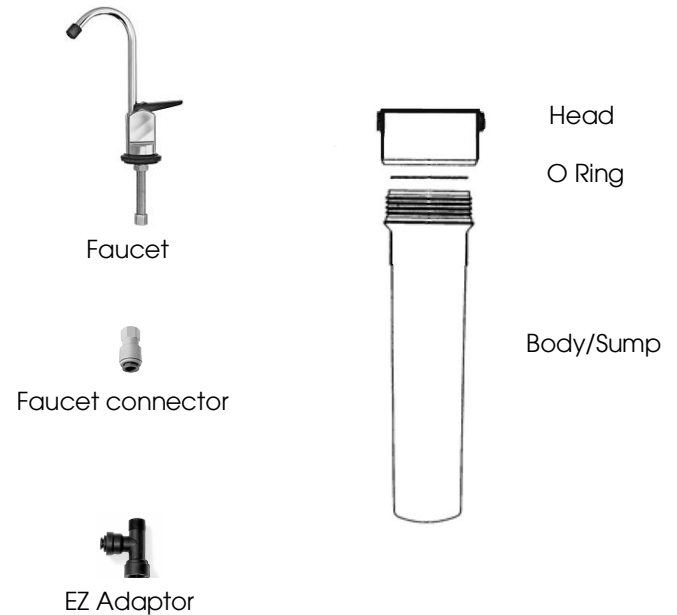
3. Secure the bracket and head assembly to the side of the sink cabinet in the desired location with the two (2) small self tapping screws.

NOTE: When mounting housing to cabinet make sure to leave enough space below the body/sump for removal of the body/sump (approx 10in) for maintenance.

Step 3 - Install the EZ Adaptor

1. Turn off the cold water supply valve under the sink. If there is no valve, turn off the water to your house at the main meter.
2. Open the cold water faucet to let off the pressure. Make sure the valve is off and the faucet is not dripping.
3. Unscrew the nut that holds the cold water supply line into the pipe where you just turned the water off from.
4. Install the EZ adaptor on the exposed threads and tighten.
5. Reinstall the nut with the cold water supply line onto the top of the EZ adaptor fitting and tighten.

NOTE: Do NOT turn the cold water line back on yet, the water will flow directly out of the EZ adaptor and flood your kitchen.



Step 4 - Install the Faucet

1. Select a suitable location for the drinking water faucet as close to the sink as possible allowing convenient space under the sink for assembly. Drill the sink top with a 1/2" bit to accommodate the inlet pipe.
2. Assemble the faucet to the sink top:
 - a. remove the push fit adaptor, the brass nut and the lock washer from the inlet pipe.
 - b. insert the valve through the sink top to seat the rubber washer.
 - c. replace the lock washer and brass nut and tighten firmly with a wrench.
 - d. replace the push-fit faucet connector.

Step 5 - Install Connecting Tube

Cut two pieces of the 3/8" plastic tubing to fit between the plastic push fittings on:

- a. the line piercing valve or EZ adaptor and the filter head inlet.
- b. the filter head outlet and the faucet.

NOTE: Allow an extra 1 1/2" inches on each piece as the tip of the tubing will travel about 3/4" into each fitting to seat properly.

Seat the tubing firmly into the push-fit plastic adaptors on the piercing valve or EZ adaptor, the filter head and the faucet.

Step 6- Install The Filter Element

1. Remove the filter from the box.
2. Remove the plastic bubble wrap from the filter candle.
3. Verify that the rubber washer is around the threads on top of the filter candle. Screw the candle into the filter head and manually tighten firmly so as to compress the rubber washer. This seals the element to the filter head and prevents inlet water from bypassing the filter.
4. Seat the "O" ring in the appropriate groove in the body/sump and moisten it.
5. Slide the body/sump over the filter element and screw the sump to the head: hand tighten, firmly.

NOTE: where clearance height under the sink is restricted, it may be necessary to slide the housing sump loosely over the filter candle BEFORE the filter candle is assembled into the filter head. Be sure to leave enough of the filter candle protruding from the sump to allow a firm grip so as to allow manual tightening of the candle.

Step 7- Start-Up

1. Tighten the line piercing valve in a clockwise direction to pierce the pipe (skip this step if using EZ adaptor).
2. Open the tap fully by lifting the lever to its vertical position to allow trapped air and water to flow out of the system.
3. Reverse the piercing valve until flow starts (if using the EZ adaptor, turn water on at the main inlet of the cold water supply). Water should start flowing out of the faucet.
4. Flush the system for five (5) minutes before using the water, some residual particles may be expelled during this flush; this is normal.
5. Note and record the date; check the condition of the filter element in about six months, or earlier if flow rate drops off noticeably.

Cleaning and Maintenance

1. If your water supply contains a lot of solid particles, the flow rate from the filter may drop rather quickly. If this happens, the ceramic filter can be cleaned.
2. Shut off water supply to cold water line.
3. Remove the ceramic candle from the housing.
4. Scrub the ceramic candle, using a scouring pad (3M ScotchBrite pad recommended) under cold running water to remove the accumulated material and expose a fresh ceramic surface.
5. **DO NOT USE SOAPS, DETERGENTS, OR BLEACH TO CLEAN THE CERAMIC CANDLE.**
6. Only the ceramic filter candles can be cleaned.

Troubleshooting

1. No flow of water through the system:
 - a. verify removal of the bubble wrap from around the filter candle.
 - b. check the piercing valve (if used) is in the open position.
 - c. check the plastic tubing for kinks, or obstructions.
2. Water leaks:
 - a. at the piercing valve: inspect and tighten the piercing valve clamp– making sure adaptor used is the correct size for pipe.
 - b. at the push fittings: inspect to be sure tubing has been fully sealed.
 - c. at the housing: verify that the housing has been fully tightened.
3. Flow rate drops off:
 - a. open the housing and inspect the surface of the ceramic candle; clean or replace as necessary.

Replacement Filters

Part number: W9512500-CeraUltra 10"
W9512600-CeraMetix® 10"
CF-AMB-9S AquaMetix® 10"

Rated Service Flows: CeraUltra 0.5 gpm
CeraMetix® 0.475 gpm
AquaMetix® 0.475gpm

Rated Capacity: 1500 gallons or 12 months
Maximum Working Pressure: 862 Kpa (125 psig)
Maximum Working Temperature: 38° C (100° F)
Minimum Operating Pressure: 69 Kpa (10 psig)
Minimum Operating Temperature: 5° C (41° F)

Fully Installed DIY System

