



PurHome UCT UNDER COUNTER WATER FILTER MANUAL



IMPORTANT: INSPECT ALL PARTS AND FILTER CARTRIDGES FOR ANY DAMAGE.

Congratulations on your purchase of the high quality PurHome under counter water filter system for you and your family.

Operating Specifications

Temperature range: 39°F - 100°F (4°C-38°C).

Service Flow: 1 gpm (3.8 L./min.)

Rated Capacity: 12,000 gal. (45,425 L.)

Minimum to Maximum Operating pressure: 20 psi (1.4 bar) to 125 psi (8.6 bar)

Components

UCT Filter Unit w/blue & red tubing
GAC/KDF Cartridge (inside unit)
Ceramic Pre-filter

Specialty Filter – (Fluoride or Nitrate)
Faucet Spigot
Beveled Spacer Disk (black)

Rubber Gasket
Flat Spacer Disk (black)
Lock Washer
Brass Nut
Quick Connect Faucet Fitting (gray)
EZ Faucet Connector (tri-colored)

INSTALLATION INSTRUCTIONS

IMPORTANT NOTE: Remove the bubble wrap from the ceramic cartridge and insert ceramic filter into the housing on the inlet side of the filter (red tubing). Insert the cartridge making sure the washers on each end are seated in place (they are not attached; they simply lay in the groove).

1. Find a convenient location under the sink on the cold water side to place the filter.
2. The faucet spigot should be secured through an existing hole in the sink ledge (such as a sprayer or soap dispenser) or a 1/2 hole can be drilled in the desired location. If you have a porcelain sink, you might consider having a professional do the drilling, or install the faucet into the countertop, back from the sink ledge.
3. Place the black plastic spacer disc (with the beveled riser) beveled side up under the faucet on the countertop side, followed by the rubber gasket.
4. Under the sink, install the 2nd black plastic spacer, flat side up, followed by the lock washer (with jagged inside edges), and then the smaller brass nut, onto the faucet stud. (The large brass nut and white plastic components are not used for this installation. We have instead supplied you with an easy quick connect fitting.)
5. Position the faucet handle where it is convenient for you, and then tighten from underneath. Now attach the gray quick-connect fitting on the end of the faucet stud and tighten securely.
6. Insert the blue tubing into the faucet quick-connect fitting by pushing the tube until it has completely bottomed. To disconnect at any time, push down (towards filter) on the outer ring while pulling out on the tubing.
7. Next, install the "EZ" faucet adapter - see separate instruction sheet. Insert the red tube into the white quick-connect of the "EZ" faucet adapter.
8. Open the faucet and allow water to run for several minutes to flush out the normal black carbon fines (it will sputter until the air is worked out). Initially, the water may appear cloudy - this is due to tiny air bubbles and will clear up shortly. Pushing the faucet handle down gives you a controlled flow; flipping the handle up will lock it for filling pitchers, etc.

IMPORTANT OPERATING NOTES

1. After an extended period of inactivity, allow water to run through the filter for several minutes before drinking. Otherwise, the taste may be bitter due to excess zinc oxide (which prevents bacterial growth and is harmless to drink).
2. Recommended flow rate is one gallon per minute or less. Operating at higher flow rates will not necessarily damage the unit but will reduce the contaminant removal efficiency. The flow rate can be adjusted with the EZ valve. Maximum water pressure is 100 PSI. Maximum operating temperature is 110^f F. Protect from freezing.
3. This product is not intended for use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the unit. You may contact PuriTec about UV light and other disinfection options.

HOW DO I KNOW WHEN TO REPLACE MY FILTER CARTRIDGE? CHLORINE TEST STRIPS.

In virtually all cases, the taste and odor of chlorine will return to municipal water when the

cartridge has lost its effectiveness. While our filter has been tested to effectively reduce aesthetic chlorine 12,000 gallons of water, the type and concentration of other contaminants varies widely throughout the country. Therefore, to assure maximum effectiveness and the best possible water quality, it is suggested that you test the water for chlorination with chlorine test strips. Fill a cup with water and dip the test strip into the cut. Swish gently in the water for 10 seconds. The pad toward the end will turn blue with the presence of free chlorine; the pad near the handle will turn green with the presence of total chlorine (chloramines). **IT IS IMPORTANT TO IMMEDIATELY ASSESS THE COLOR AS THE PADS BECOME UNSTABLE AND WILL GIVE A FALSE READING.** The GAC/KDF filter cartridge should be replaced at least every three years.

EZ FAUCET CONNECTOR INSTALLATION

The EZ Faucet Adapter gives you a quick and easy water supply for your water filter. It provides full flow - great for homes with low water pressure. Unlike typical saddle valves which puncture your supply line, the EZ Faucet Adapter does not damage your plumbing and can be easily removed! It works on faucets with threaded studs or with copper stubs with threaded fittings. It's as easy as 1-2-3 to install:

1. Unscrew the supply line from the faucet stub.
2. Screw the black end of the EZ adapter onto the faucet stub - make sure gasket is in place.
3. Screw the supply line onto the male end of the EZ adapter (also black).
4. Insert the 1/4" O.D. red tubing into the white quick-connect port as mentioned in installation instruction sheet - be sure it is completely bottomed. The handle provides controlled flow, and easy on-off if necessary.

EXAMPLES:



WARRANTY POLICY

Housing components: Life time warranty, full replacement. Cartridge: Three years prorated at \$1.81 per month of usage. Installation components and faucet spigot: Five years full replacement.

This warranty does not cover damage due to abuse, neglect, freezing, fire or other fortuitous event. No allowance is made for the consequential damage, labor or expense incurred as a result of a proven defect.

Our units are not warranted against sediment clogging. If you use a private well, or are in an area where there is a high level of sediment, silt, sand, rust, or other undissolved solids, a sediment prefilter is available. If the flow rate is significantly reduced, clogging is most likely the cause. You can try to back-flush the unit by reversing the fittings on the housing to temporarily reverse the water flow.

Units returned under warranty must be shipped POSTPAID along with a Return Authorization Number which can be obtained by contacting 1-888-491-4100.

Questions? Call us Toll Free 888 491-4100
Visit www.puriteam.com