INSTALLATION INSTRUCTIONS: UCD-F-IL IN-LINE WATER FILTER

This unit is designed for refrigerators with automatic ice makers and/or water-through-the-door devices, plumbed coffee makers, or water coolers with ¼” (or 3/8”) O.D. tubing. It can install on either plastic or copper lines. The filter’s fittings are a special high-pressure quick-connect type. To connect, simply push the tubing into the fitting until it is completely bottomed. To disconnect, push down (towards filter) on the outer ring while pulling out on the tubing. For a short video showing the operation of quick-connect fittings, go to http://pure-earth.blogspot.com/

First, shut off the water supply. Cut a section of the tubing, enough to accommodate the filter. If your line has some flexibility, one cut may be enough. On copper tubing, be sure to remove any burrs. Attach the tubing to the inlet side. Slowly turn on the water supply, running the water into a bucket. This will flush the carbon fines from the filter. Shut off the water again and attach the outlet side. Turn on the water and check for leaks.

The bracket allows for mounting on a wall.

START-UP PROCEDURE: It is important to flush out the initial media fines. First, remove the KDF/GAC cartridge (in housing on left, closet to outlet). Slowly turn on the water supply, and check all components for leaks. Open the faucet and allow it to run for several minutes to flush the fluoride cartridge (it will sputter until all air is purged). Now replace the KDF/GAC cartridge and run the water again to flush out the normal carbon fines (blackish specs). Initially, the water may contain tiny air bubbles and taste slightly sweet - this is normal and harmless, and will clear up after flushing.

IMPORTANT OPERATING NOTES
1. Recommended flow rate is <0.5 gallons per minute. Faster flow will not damage the unit, but will reduce the media effectiveness.
2. 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).
3. Maximum water pressure is 100 PSI. Maximum operating temperature is 110° F. Protect from freezing.

HOW DO I KNOW WHEN TO REPLACE MY FILTER CARTRIDGES?

KDF/GAC CARTRIDGE: In virtually all cases, the taste and odor of chlorine will return to municipal water when the cartridge has lost its effectiveness. The enclosed test strips can be used to confirm the presence of chlorine – simply follow the instructions on the packet. Additional test strips are available from PureEarth – a bottle of 50 strips sells for $16.95. Order part number 27-45050. While our cartridge has been tested to effectively remove chlorine from over 12,000 gallon 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 the cartridge be replaced at least every three years. Reorder item code CF.

FLUORIDE REMOVAL CARTRIDGE: The fluoride removal cartridge has a capacity to remove up to 11,000 mg of fluoride before it needs replacement. At 10 mg/l fluoride, this would be approximately 1,100 liters (11,000 ÷ 10) or about 275 gallons of water. High bicarbonate levels can reduce the capacity: above 100ppm reduces capacity by 50%, above 200ppm reduces it by 75%. For typical city water usage where fluoride level is 2.0 mg/l or less, replace the cartridge annually. Reorder item code FL.

WARRANTY POLICY
Housing, fittings and tubing: 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.

RETURN PROCEDURE - Units returned under warranty must be shipped POSTPAID to PureEarth at the address below. A photocopy of your sales receipt MUST be enclosed with the unit. A new unit will then be sent.