INSTALLATION INSTRUCTIONS: CTD-F-IL – INLINE COUNTERTOP WATER FILTER with KDF/GAC and CARBON BLOCK

This unit is designed for as an inline add-on unit for countertop filters or ionizers 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/

IMPORTANT OPERATING NOTES

1. After an extended period of inactivity, allow water to run through the filter for several minutes before drinking.
2. It is important to maintain water in the filter at all times - the KDF media may solidify if the water is drained from the unit.
3. Recommended flow rate is <0.5 gallon per minute or less. Operating at higher flow rates will not necessarily damage the unit but will reduce the contaminant removal efficiency.
4. Maximum water pressure is 100 PSI. Maximum operating temperature is 110° F. Protect from freezing.
5. Water filter can be later converted for under counter use by purchasing our faucet conversion kit, part number “FK”.

HOW DO I KNOW WHEN TO REPLACE MY FILTER CARTRIDGE?

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 (3) can be used to confirm the presence of chlorine. Collect some filtered water into a cup. Dip the test strip into the water sample with a constant gentle back and forth motion for 10 seconds. Immediately note the color change: the pad on the end will turn blue with the presence of free chlorine, the pad nearest the handle will turn green with the presence of total chlorine (chloramines). IMPORTANT: Assess the color within 10 seconds after dipping the strip - the pads become unstable after that and will give a false reading. 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. Order item code CF.

FLUORIDE REMOVAL CARTRIDGE: This cartridge should be replaced about once per year in normal municipal water applications (1 ppm). The fluoride removal cartridge has a capacity to remove up 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%. Order item code FL.

WARRANTY POLICY

Housing, fittings: 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 screen (available from PureEarth) is available. Order part number CFA. 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.

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.