INSTALLATION INSTRUCTIONS: CTD-FL
DOUBLE COUNTERTOP WATER FILTER WITH KDF/GAC and FLUORIDE CARTRIDGES

Insert the spout carefully into the spout elbow fitting - both o-rings should seat down into the fitting. Remove the bubbler screen (aerator) from the end of your faucet. Note the type of threads your faucet has - if it has threads on the OUTSIDE, the diverter should screw right on. If it has threads on the INSIDE, you must use one of the enclosed adapter rings and gasket. Note: the adapters we include cover over 95% of the faucets. We have adapters available for the rare Chicago faucet with 13/16"-24 outside threads, and the Kohler, Price Pfister faucets with ¾"-27 outside threads – call us and we will send it no charge. The diverter valve has a rotating collar for ease of installation. Place the filter unit in a convenient location with the spout positioned over you sink. The spout is designed to swivel. Turn on your cold water and divert the water through the filter by turning the knob on the diverter valve 90 degrees to the horizontal position. Allow it to run for several minutes 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. After filter use, turn off the water and rotate the knob to the vertical position.

START-UP PROCEDURE: It is important to flush out the initial media fines. First, remove the KDF/GAC cartridge (in housing closet to spout). Turn on the water and divert water into the unit by pulling out on the diverter valve. Allow it to run for several minutes to flush the fluoride cartridge. 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. 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. 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 0.75 gallons 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. Your countertop water filter can be later converted for under counter use by purchasing our faucet conversion kit - call PureEarth Technologies, Inc. for details.

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 (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.

NOTE: The black filter-housing wrench included with your filter will help in removing the housings.

WARRANTY POLICY
Housing: Five years full replacement. KDF/GAC and Ceramic Cartridges: Three years prorated at $1.65 per month of usage.

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.

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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.