



INSTALLATION INSTRUCTIONS:

1. Place system on a smooth flat surface.
2. Install the fittings and / or the bypass (see separate instructions).
Slide the nut on first then the split ring and o-ring.
3. Connect incoming cold water to the inlet of the system.
4. Connect system outlet to service water of the house.
5. Open the nearest valve down stream of the system to allow the air to purge from the system, and allow the initial carbon fines to go down the drain.
6. Remove the dome hole plug.
7. Slowly open inlet valve and allow the system to fill with water.
8. Watch the water level through the dome hole opening. Close the inlet valve and reinstall the dome hole plug once the tank is full of water.
9. Fully open the inlet valve and allow water to run to drain until it is clear.
This flushes the carbon fines from the system.
10. Close the down stream valve five minutes after the water runs clear.
11. Check for leaks and repair as required.
12. System is ready for use.

CONDITIONS FOR OPERATION:

- A five-micron pre-filter is recommended if sediment is present in the water
- Maximum continuous flow rate 12 gpm
- Minimum pressure 15 PSI
- Maximum pressure 125 PSI
- Minimum operating temperature 34 F
- Maximum operating temperature 120 F
- Water pH range 6.0 to 9.0
- Maximum feed water hardness is 25 grains per gallon.
- Hydrogen sulfide, iron, and manganese pretreatment required
- Maximum chlorine 4 ppm
- Oil and grease should not be present

NOTE: Failure to install the proper pretreatment will cause the scale prevention media to be ineffective.



IMPORTANT

The non-electric, "in / out" valve used with E-TREAT Systems is designed to be used in both up-flow and down-flow installations. E-Treat Systems are down-flow through the bed of carbon and up-flow through the anti-scale media. Labels are provided; however facing the valve, looking directly into the ports of the valve, the inlet is on the LEFT.

Note: Pre-treatment for sediment, Iron, Hydrogen Sulfide, Manganese, hydrocarbons and copper may be required depending on conditions. Install systems in new homes with copper pipe after one month of water use.