

## **Recommended Installation Procedure for Luxury Water Iron Filters**

The Luxury Water filters are shipped with the control valve on the side.

When first preparing to plumb in the equipment, it is best to fill the Luxury Water filter with water before screwing the control valve onto the tank. This will allow the water time to soak into the filter media while you are plumbing the system in. This will allow you to backwash the system easier at first start up.

Because these filters utilize a head of air in the top of the tank for oxidizing the impurities in the water, we recommend plumbing in an air trap in the inlet water line to help prevent the escape of the air. This is done by simply dropping or looping the inlet pipe 16 inches below the inlet on the control valve to prevent the air from escaping through the inlet. (See diagram below.)

The drain line fitting is a  $\frac{3}{4}$ " male threaded pipe fitting. We suggest you plumb in the drain with  $\frac{3}{4}$ " PEX tubing or similar material to a proper drain according to local plumbing codes. You need to secure the drain line because the remaining air in the top of the filter tank will purge first to the drain during a backwash cycle, and if the line is not secure it will blow itself out of the drain.

Backwash the filter for several minutes until the water runs clear to the drain to remove all of the fines. Due to the trapped air in the mineral bed, these filters seem to lift the mineral bed more than a water softener on initial backwash, so make sure to throttle the inlet water flow way down for the initial backwashing and flushing of the mineral bed.

Before leaving the job site, you will have to cycle the control valve back to home or service position before you can set the time of day on the Luxury Water filter. Then, advance the Luxury Water filter to the air draw position to allow the unit to draw air into the filter for proper operation.

