

Econoflo 665 QUICK START INSTRUCTIONS

Unpacking / Inspection

Be sure to check the entire softener for any shipping damage or parts loss. Also note damage to the shipping cartons. Contact the transportation company for all damage and loss claims. The manufacturer is not responsible for damages in transit.

Small parts, needed to install the softener, are in a parts bag. To avoid loss of the small parts, keep them in the parts bag until you are ready to use them.

Installation & Start Up

1. Install unit as per local plumbing codes. (Refer to detail instructions in operation manual) Avoid pinched o-rings during installation by applying (provided with install kit) NSF certified lubricant to all seals. Be sure to leave the unit in the "BYPASS" position.
2. Connect the drain line to the valve.
3. Connect the brine line from the valve to the air check / safety elbow as per figure 1. Double check to make sure all connections are assembled correctly and the brass and plastic nuts are tight and secure to prevent leaks.
4. Add water to the brine tank until it is 3" (75mm) deep in the bottom of the tank. Do not add salt at this time. Turn off main water supply.
5. Plug the power transformer into an approved power source. Connect the power cord to the valve.
6. When power is supplied to the control, the screen will display TIME OF DAY and GALLONS. If the valve is not in service wait for a moment as it returns to the home position.
7. Turn the knob on the face of the valve to the BACKWASH position.
8. Open the inlet on the bypass valve slowly and allow water to enter the unit. (The outlet of the bypass should remain closed to prevent any fines or debris from entering the plumbing system) Allow all air to escape from the unit before turning the water on fully then allow water to run to drain for 3-4 minutes or until all media fines are washed out of the softener.
9. Press any button to advance to the BRINE position or turn the knob to the BRINE position. Check the water level in the brine tank to insure the valve is drawing brine properly.
10. Press any button to advance to the RINSE position or turn the knob to the RINSE position. Check the drain line flow. Allow the water to run for 3-4 minutes or until the water is clear.
11. Press any button to advance to the REFILL position or turn the knob to the RINSE position. Check that the valve is filling water into the brine tank. Allow the valve to refill for the correct amount of time as displayed on the screen to insure a proper brine solution for the next regeneration.
12. The valve will automatically advance to the service position or turn it to the home position. Open the outlet valve on the bypass. Add salt to brine tank.
13. Program unit.



Programming Guide

1. Press SETTINGS key to advance to TIME OF DAY. TIME OF DAY will flash.
2. Press the UP or DOWN key to adjust the TIME OF DAY. Press & hold the UP or DOWN key to quickly advance the hour and minutes. When desired time is displayed press SELECT to advance to the HARDNESS setting. HARDNESS will flash.
3. Press the UP or DOWN key to adjust the HARDNESS (Min 1.Max 199). When desired hardness is displayed press SELECT to advance to the PEOPLE setting (Min1/Max9). PEOPLE will flash.
4. When desired number of people is displayed press SELECT to complete programming.

User Program Mode	
PARAMETER	DESCRIPTION
1	TIME OF DAY This option is the current time of day.
2	WATER HARDNESS This value is the maximum compensated water hardness in grains per gallon of the raw water supply. It is used to calculate the system capacity.
3	NUMBER PEOPLE This value is the number of people living in the home. It is used to calculate the amount of water needed for daily use and the reserve capacity of the system.

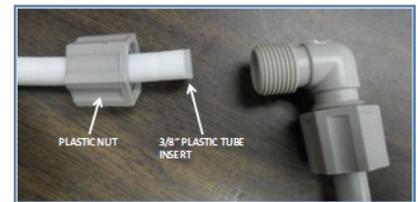


Figure 1. Brine Line Connections