



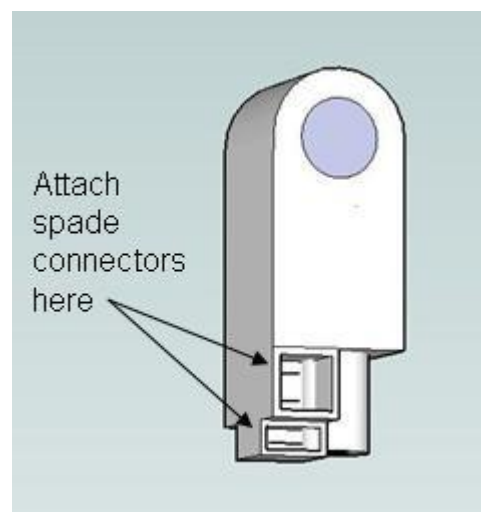
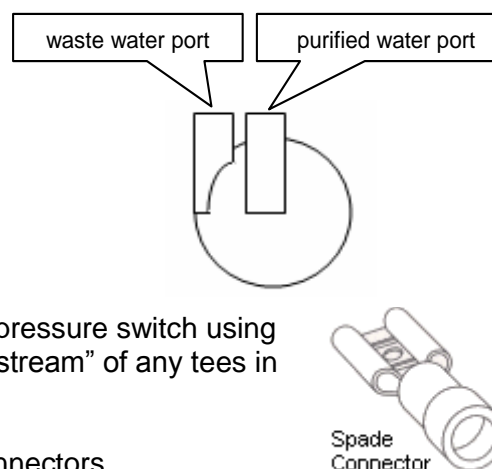
Understanding and Operating Your Pressure Switch

Buckeye's Pressure Switch provides a convenient way to automate operation of your RO or RO/DI booster pump, including those systems with a pressurized storage tank and an automatic shut off valve.

INSTALLATION

Please read these instructions in their entirety before you begin installing the pressure switch.

1. Turn off the water supply to your water purification system, and relieve any internal water pressure.
2. Trace the tubing from the RO membrane housing purified water ("permeate") port to the low-pressure "in" port on your automatic shut off valve, and then to the low-pressure "out" port on the ASO valve. At a convenient location between the low pressure out port on the ASO valve and your pressure tank, or between the low pressure out port on the ASOV and a float valve or other shut off device on the purified water output tube, carefully cut the ¼-inch tubing and install the pressure switch using the convenient quick-connect fittings. Place the switch "upstream" of any tees in this tubing line.
3. Examine the wiring harness and identify the two spade connectors, and the two white plastic two-pin connectors.
4. Connect one spade connector to the top contact, and one to the bottom most contact on the pressure switch.
5. Connect the female two-pin connector to the plug on the pump.
6. Connect the male two-pin connector to the plug on the transformer.



OPERATION

The switch is normally closed. When pressure within the switch drops below 20 psi, the switch is activated and the booster pump will be energized. When pressure within the switch hits approximately 40 psi the pump will switch off.