Figure 1

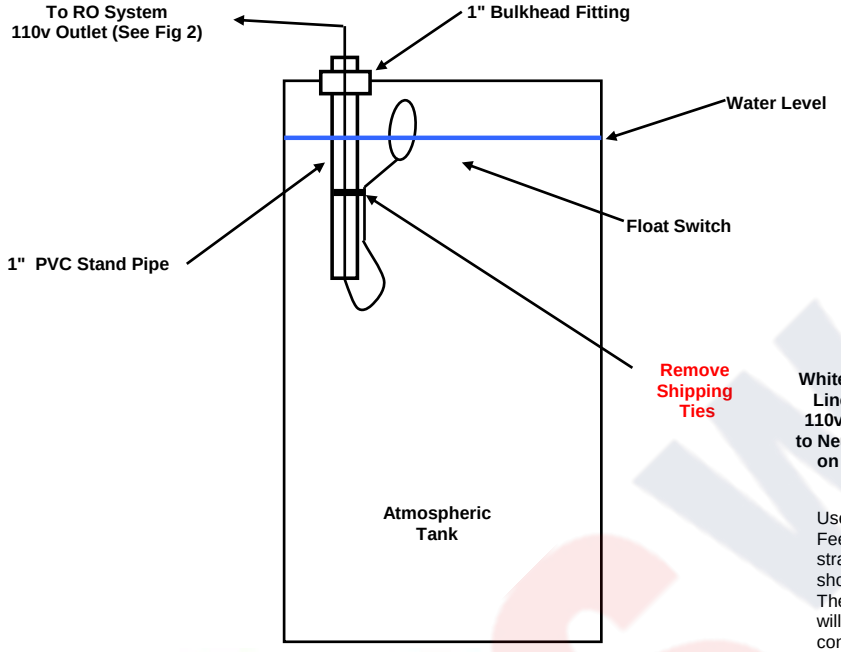
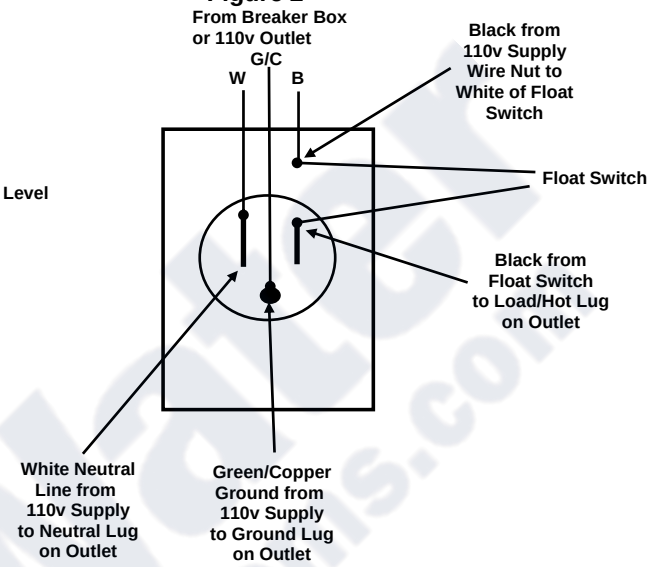


Figure 2



Use a 1" bulkhead connector (2" hole saw) at the top of the tank with a 1" drop pipe about 18" long. Feed the float switch through the bottom of the 1" pipe through the bulkhead. Tighten the strain relief for the float at the desired height with the float inverted.). The finished product should closely resemble Fig 1.

The wiring diagram above (Fig 2) should be followed. The ground wire from the power source will be connected to the ground screw on the outlet. The white wire from the power source will be connected to the neutral screw (silver) on the outlet. The black wire from the power source will be connected to the white wire from the float switch using a wire nut. The black wire from the float switch will be connected to the load/hot screw (gold) on the outlet. Plug the RO into the outlet with the power switch in the "ON" position. Plug the supplied cord on the outlet into a 110v 20 amp existing outlet. A 110v power source can also be hard wired to the float system outlet.

The float will switch the power on and off to the RO System.

US Water Systems Atmospheric Tank Float Diagram	Schematic	No Scale	Customer:		Drawn by: C. Dietz	April 6, 2011