



BWO Cooling System

Installation and Operating conditions:

1. Connect the plastic pipes on the Lytron pump output to BWO (or Focusing Magnetic System) water cooling lines. Secure the pipes with metal quick-connects (supplied with the system). Be careful not to damage the plastic pipes by the quick-connects.
2. Make sure that the Focusing Magnetic System has a BWO installed in it.
3. Fill up the Lytron pump with tap water to the MAX level.
4. Connect electrical power and turn on the pump.
5. Turn the pump on and off several times to prime it and ensure that the plastic pipes are filled with water and there are no air bubbles.
6. Add more water to the pump to keep the water level at MAX.
7. Adjust the pressure on the pump output to 30 PSI. There is an adjustment valve right under the pressure gauge on the back of the pump.
8. Run the pump for 5-10 min and make sure there are no water leaks.
9. Make sure that the cooling fan on the pump front panel is not blocked and has access to room-temperature (< 25 C) air flow.

**Please remember to turn on the pump
prior to operating BWOs!**