

AUTOMATIC MAKE-UP WATER LEVEL CONTROLLER--WLC-300

- A. Pool water level shall be maintained by an automatic water level controller Model WLC-300.
- B. Controller package shall consist of a PVC probe chamber, stainless steel probes, and a solid state relay with NEMA 1 enclosure. Unit shall be Neptune-Benson Model WLC-300 water level controller or approved equal.
- C. Water level shall be controlled by the use of a three probe electrode system; high level, low level and ground.
- D. Probes and holder shall be housed in a PVC chamber consisting of an 8" schedule 80 PVC pipe. The chamber is sized to accommodate the desired range of water level variation and shall be complete with a removable cover and adjustable collar suitable for deck level installation. A 1 ½" line shall be connected to the bottom of the probe chamber from the pool wall to reflect the water level in the pool.
- E. Probes shall be mounted on a readily removable plastic disc within the probe chamber. Probe connectors shall be protected with 90° molded plastic holders. Probe holders allow for +/- ½" of elevation adjustment.
- F. Wiring from the probes shall be connected to the relay that is to be mounted within a NEMA 1 enclosure.
- G. Unit shall be suitable to activate any 110 volt or 230 volt circuit for solenoid valve, pump or other method of providing makeup water.
- H. Solenoid valve shall be " N.C., slow closing.