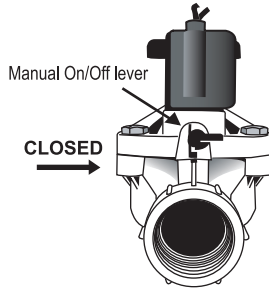
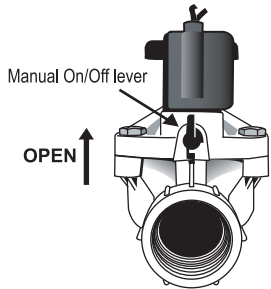
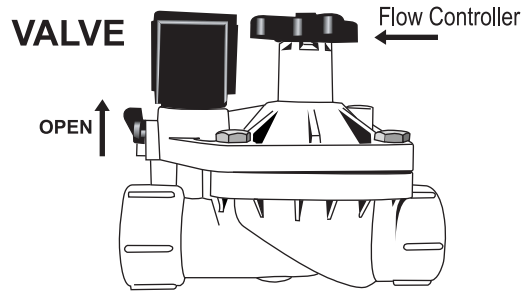


Electronic Water Level Management Systems

WEATHERMATIC VALVE DIRECTIONS

Your Levolor comes with a 1" solenoid valve that runs 24 Vac. The directional water flow arrow is located on the valve behind the solenoid. On top of the valve is a flow control knob (+) that regulates the water flow up to 30 GPM. There is a Manual On/Off lever located just below the solenoid. When the lever is in the up position ↑ (12 o'clock), then the valve is manually opened. When the lever is in the horizontal position → (3 o'clock), then the valve is closed and will only open with the Electronic Water Levolor.



The Control Box is mounted near the Pump and Filter or in any suitable location. The LEVOLOR is available in 110VAC or 220VAC and in most cases should be wired to the load side of the time clock, this wiring method prevents the water supply from operating during unwanted hours of the day. LEVOLOR can also be wired directly to the power source for continuous operation. The controller has three (3) LED displays which illuminate to determine power on, sensor activated, and fill cycles.

SENSOR OVERRIDE LOCK-OUT SYSTEM

1. This Levolor is equipped with a lock-out sequence which means, if the Levolor sensor has not been touched by water within the pre-set time cycle the controller turns the valve off for 24 hours and changes the fill light from green to red. The pre-set factory lock-out period is 20 minutes. This lock-out period can be field modified by cutting jumper A for a 40 minute lock-out or cutting jumpers A & B for a 60 minute lock-out period. To disable the lock-out feature completely cut jumper S-1.
2. SPA INSTALLATION - When installing Levolor on a spa (anything less than 300 square feet of surface area) reduce the flow rate of the valve by turning the flow control down.
3. For 110VAC or 220VAC operation, verify that the unit is marked for the correct input to be supplied to the unit. Connect the input power to the high power terminal. ALL LEVOLORS ARE MADE THE SAME- ALL 220 CONTROLLERS HAVE 2 BLACK WIRES AND ALL 110 CONTROLLERS HAVE A BLACK AND A WHITE WIRE. Connect black wires to 220VAC or connect white and black wires to 110VAC.
4. Connect the green safety ground to earth ground.
5. Connect the 24VAC water solenoid valve to 18 gauge solid wire using grease filled wire nuts. Then 18 gauge wire connects to blue wires in controller using small blue wire nuts. For valve connection - excess sensor wire should be used.
6. Two water-level sensors are shipped factory-connected to each end of the sensor. Use the half-moon shaped sensor to mount horizontally to an existing skimmer, or alternately use the round sensor to mount vertically, cutting off the unused end. Install the sensor in the appropriate location. Connect the two orange sensor wires to the sensor wire using small blue wire nuts. The wire to the sensors must be continuous.

