



### STEP 1 INSTALL THE VALVE

- ✔ Plumb the valve into the designated water fill line, or “T” it into the pool return plumbing after the filter and pump equipment from a nearby water source. You can use a water spigot, or “T” from a nearby irrigation line or similar. Add a pressure regulator if desired.
- ✔ Fill the pool to the desired water level.
- ✔ Make sure the valve solenoid is in the “OFF” position (see right).



### STEP 2 INSTALL & CONNECT VALVE CONTROLLER

- ✔ For best results, mount the Valve Controller in a protected area out of direct sunlight and rain exposure. This component is weather-proof rated, but is always better tucked away from the elements if possible.
- ✔ Mount the valve controller using the mounting screws provided in the accessory pack.
- ✔ Use the wire nuts provided to connect the Valve Controller wires to the valve wires.
- ✔ Connect the Valve Controller to the power transformer with the two pin plug, then plug into power source.
- ✔ All 3 LED lights will repeatedly flash in sequence from the bottom to the top. This indicates that the unit is in pairing mode. Move on to the next step while this is taking place.

### STEP 3 CONNECT ANTENNAS TO VALVE CONTROLLER

- ✔ Connect all antennas and tighten them.
- ✔ Place antenna tip in desired mounting position off the ground and 8-12 inches away from any metal.

### STEP 4 PAIR SENSOR & VALVE CONTROLLER

- ✔ Make sure Valve Controller is flashing in a sequence indicating it is in pairing mode.
- ✔ Take sensor to pool and remove magnet above the mounting location. Leave sensor on coping and watch the pairing process take place at Valve Controller. The yellow ‘ACTION’ light will flash for about 2.5 minutes.
- ✔ Once Pairing is successful, a solid green LED will be seen on the sensor.
- ✔ If pairing is not successful, place the Valve Controller into pairing mode by unplugging and plugging it back in. Then, place the magnet on the sensor for at least 16 seconds and remove. Once removed, repeat step 4.

### STEP 5 ADHERE SENSOR AND MOUNT ANTENNA

- ✔ Clean/scrub the area where the Water Level Sensor is to be mounted.
- ✔ Mount the water level sensor where the desired water is about 0.5 - 1.5-inches up on the sensor.
- ✔ Knead the epoxy thoroughly and spread on the dry back surface of the sensor. Firmly press the sensor against the mounting surface for at least 90 seconds, being sure that the sensor is sitting 0.5 - 1.5-inches into the desired water level.

## STEP 6 SET AND CALIBRATE YOUR WATER LEVEL

- ✓ After the Water Level Sensor has adhered, use the magnet to calibrate the water level. To do so, place the magnet in the bottom-right corner of the Level Sensor, and hold it there for two-seconds before removing it. A green light will appear on the sensor and flash three times. This indicates the calibration has begun. A green SENSOR light will also flash on the Valve Controller for about one-minute, as the water level is set.
- ✓ This step will conclude with a solid green SENSOR light. The LevelSmart may start to fill for 7-minutes after installation. If additional water isn't required, shut off the water supply or turndown the flow control knob for this 7-minute period. In some cases, the LevelSmart does not fill immediately after pairing. As long as the green SENSOR LED is visible, the unit has paired successfully.

DESIRED WATER LEVEL  
SHOULD BE WITHIN HERE →



## STEP 7 ADJUST FLOW CONTROL IMPORTANT FOR SPA APPLICATIONS

- ✓ If LevelSmart is being installed to a smaller body of water, such as a spa or small swimming pool, make sure to reduce the flow control knob (the middle knob) so that the amount of water is reduced on each fill. To do so, it's recommended that the flow control knob is tightened down half-way.

SCAN THE QR CODE TO VIEW VIDEOS OF ANY OF  
THE INSTALLATION STEPS IN THIS DOCUMENT



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### COMPLETED INSTALLATION CHECKLIST:

- ✓ Ensure valve is always kept in the OFF position. This is only for manual opening of the valve. The system will activate the valve when filling is needed.
- ✓ Only LED on Valve Controller is Green SENSOR LED
- ✓ Valve turned on for 7-minutes after water level was calibrated. NOTE: Valve may not turn on if water is already at desired level.
- ✓ Antenna tip is not mounted on metal (fences, rails, posts, and gutters)
- ✓ Water level was calibrated between 0.5 - 1.5-inch on the sensor
- ✓ Keep magnet in a safe spot near the Valve Controller for future engagement with LevelSmart
- ✓ **Understand how LevelSmart works:** After installing and pairing, the LevelSmart sensor will wake up every 30-minutes, take the current water level measurement, and communicate that information to the Valve Controller. If water is needed, the controller will open up the valve and fill for 7-minutes. LevelSmart will continue to check the water level every 30-minutes.