

FIRST STEP

Before following the steps below, check all electrical connections to make sure they are free of corrosion and are well connected.

IF A 24VAC CONTROLLER IS NOT FUNCTIONING

- 1) Verify amber light is on. If light is not lit then verify the power switch is in the ON position and that there is power to the transformer. Using a voltmeter, check to see if there is between 24VAC and 32VAC power coming from secondary side of the transformer.
- 2) If power is not coming out of the transformer, check the associated power outlet. If the outlet is good, then replace the transformer.
- 3) If outlet and transformer are operating correctly and controller still will not power up, contact support.

IF A BATTERY CONTROLLER IS NOT FUNCTIONING

- 1) Verify the board is getting power. If equipped, turn power switch to OFF position for 10 seconds and then turn back to the ON position. If controller is not equipped with a power switch, unplug battery for 10 seconds and then reconnect. After turning switch back to the ON position or plugging the battery back in, verify the LED blinks green and red.
- 2) If the LED does not light, verify the battery has enough voltage by carefully removing the small cap on top of the white plug. Using a voltmeter, check to see if there is 4-6VDC and 7-9VDC coming from the two power lines (Black wire is GROUND; White is 6VDC; Red is 9VDC). If the voltages are too low, replace battery. If after replacing the battery, the controller is still not functioning, contact support.

IF A CONTROLLER IS POWERED BUT AN INPUT (SENSOR) IS NOT FUNCTIONING

- 1) Verify that the sensor has been plugged into its correct receptacle by referring to the controller's lid.
- 2) Verify that the modular plug on the sensor is clean and has been fully inserted and locked into its receptacle.
- 3) Unplug the sensor that isn't working and in its place plug in a known good sensor. While activating the input, verify the green LED, located near the sensor socket, turns on. If the green LED lights, replace the defective sensor. If the green LED does not light, contact support.

IF INPUT IS FUNCTIONING BUT OUTPUT (SOLENOID) IS NOT FUNCTIONING

- 1) Verify that water has been turned on.
- 2) Verify that the solenoid valve has been plugged into its correct receptacle by referring to the controller's lid.
- 3) Verify that the modular plug on the solenoid valve is clean and has been fully inserted and locked into its receptacle.
- 4) Unplug the solenoid that isn't working, and in its place plug in a known good solenoid. If solenoid activates, the controller is OK, troubleshoot solenoid. If solenoid does not activate, contact support.

Additional product support can be found at
support.i-con.com