

Chemical Dispensing Tank Addendum



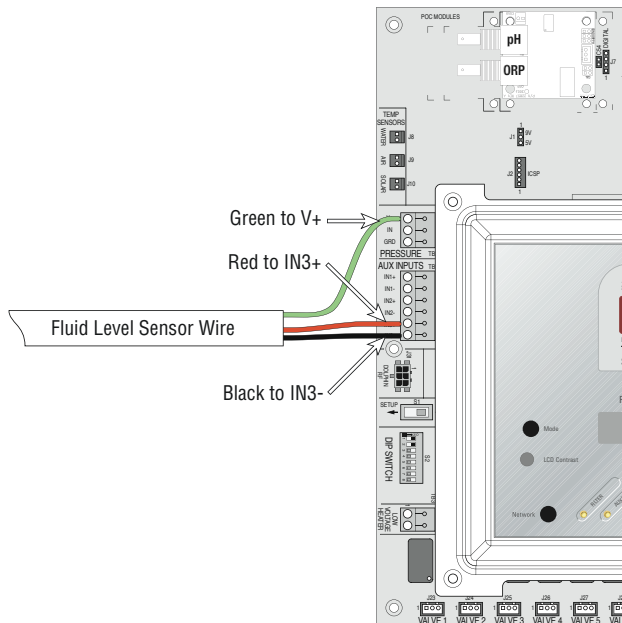
Fluid Level Sensor Installation

The Fluid Level Sensor Allows the Poolux Control System to alert the owner that the Acid Tank needs to be refilled.

Chemical Tank Level Sensor Installation Addendum

This addendum is to be used in conjunction with Pages 70 and 71 in the Poolux Installation Manual. This addendum assumes familiarity with Poolux configuration and adding devices to the system.

LEVEL SENSOR CONNECTIONS



ROUTING FLUID LEVEL SENSOR WIRE

The high voltage and low voltage wiring must be run separately, never sharing the same conduit or installed in the same compartment.

The Fluid Level Sensor wire must be routed up into the Low Voltage Raceway on the left side of the enclosure. See page 24 of the Installation Manual for enclosure layout details.

Secure extra wire in the Low Voltage Raceway. Do not allow the extra wire to lie on the ground where it can be damaged. When running the wire from the pump to the control, secure the wire to other plumbing or surface attachments that will keep it from being snagged or damaged.

NOTE: All of the electrical wiring methods and materials used to complete the electrical installation of the Balboa Poolux must be in accordance with the National Electrical Code or the Canadian Electric Code, as well as any local electrical codes in effect at the time of installation.

The selection of electrical materials required to accomplish this installation and the installation of the Poolux System must be accomplished by, or be under the direct supervision of a qualified electrician.

INSTALLATION NOTES

Refer to Pages 70 and 71 in the Poolux Installation Manual.

Refer to

<http://service.balboa-instruments.com/poolcontrolinfo/>

Click on "Installation Guide" tab. (A Username and Password can be acquired by calling Balboa Direct at 800-645-3201.) Click on the topic "Using the Control Panel." Open the sub-topic "System Configuration" and refer to the topic "Adding an Acid Feeder."

Install the tank and wiring while the tank is EMPTY. This will help verify proper connections and functionality.

CONNECTING THE FLUID LEVEL SENSOR WIRE

Connect the Green wire to "V+" on the "PRESSURE" Terminal Block.

Connect the Black wire to "IN3-" on the "AUX INPUTS" Terminal Block.

Connect the Red wire to "IN3+" on the "AUX INPUTS" Terminal Block.

CONFIGURING THE ACID DISPENSER

Place the Control System in Configuration Mode as described on Page 47 of the Installation Manual.

Refer to "Configuring the System: Adding a Device" on Page 48 of the Installation Manual. Scroll down on the "Setup Devices" screen until Chemical Feeder is selected. Scroll to the right and follow the screen prompts. (No "Output 2" settings are applicable.)

Exit Configuration Mode as described on page 51 of the Installation Manual.

Under the Main Menu on the Control Panel, scroll to Chemistry and scroll right to select it.

Scroll down to "Level Sensor" and be sure it is ENABLED.

NOTE: The POC control is tied to the Chlorine Generator functions, if installed.

If the sensor begins to show an alert for low acid level in the tank, the sensor is working. Fill the tank as described on Page 71 of the Installation Manual.