

Title: Condensate Drain Pan Float Switch Installation

Overview

A condensate drain pan float switch is a normally closed (NC) electronic water level sensor installed in the drain pan of the FLō unit. This sensor monitors the water level in the drain pan and is connected to the main controller or mechanical safety circuit.

If the drain line becomes obstructed, the water level in the drain pan will rise causing the float to open the safety circuit or signal the controller to turn the unit OFF. The switch must be installed so the float is above the condensation water level during normal unit operation.

Installation

There are many types of float switches, so the exact instruction(s) for your model may vary.

1. Using the mounting bracket or clip, mount the float switch to the interior cabinet wall or drain pan rim.
2. Ensure the device is mounted securely and the 'float' is inside the drain pan, so it can monitor the water level.
3. Connect the two control wires from the float switch to the safety circuit of the FLō unit or programmed input points of the unit controller.
4. Verify when the float switch circuit is open (high water level) the unit shuts OFF and/or a high-water signal is active at the controller.
5. If you need assistance programming or configuring the unit controller contact FLō Technical Support:

Phone: 888-598-1198 Opt. 1
E-Mail: techsupport@systemsflo.com



Figure 1. Float Switch and mounting bracket



Figure 2. Float Switch Mounted and Control Wires Secured to Interior Cabinet Wall