

## CONDENSATE DRAIN LINE SWITCHES

### Condensate Cop™

Condensate Cop™ is a unique clamp on float switch intended for HVAC drain pan installation. The Condensate Cop™ features a large over clamping area that fits easily over the edge of all types of drain pans; including formed plastic and galvanized sheet metal. A separate float/probe assembly swivels to accommodate drain pans having sloped sides. The swivel action allows the installer to position the float switch for best operation and then clamp it into place. The probe features an inlet grill which prevents the float from being blocked or damaged by insulation or other debris. Sealed inside the probe is a magnetically actuated normally closed switch. The switch opens when rising water presents a potential flooding condition. Two wire connection for easy hook up to a thermostat "Y" (compressor) circuit. Provided complete with 5' (1.5 meter) leads, wire nuts, and clamping screws. Small size, 24V/1.5 amp NC reed switch. ETL Listed File Number 3166285. UL508 Approved.



CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
CC-1	Condensate Cop™ Drain Pan Switch	EA	12

### Safety Overflow Switch (SOS)

Designed for use on 3/4in. PVC condensate drain line. Snaps easily over existing drain line tubing and can be glued in place using PVC cement. The SOS electronically senses water near the inside wall of the PVC drain tubing. By locating the SOS with its body away from the normal flow, it can be used to detect a possible overflow condition when the PVC drain line becomes full with water. Like a culvert, the condensate drain line is normally mostly empty with a small amount of water flowing in the lower parts of the horizontal run. Since the sensor component of the SOS only covers part of the tubing, a low volume of flowing water does not activate the switch. The pipe must be full or near full to activate the switch. Mount SOS horizontally, vertically, or at any angle. Works with 24 VAC control circuits and typical contactors. When not detecting water, the SOS is normally closed and allows normal air conditioner operation. When water approaches the SOS's sensor, the switch triggers, and the control circuit is opened. The LED indicator lights to show that there may be system trouble, and the SOS is doing its job. Furnished complete with switch, 5' (1.5 meter) 18 AWG, 2 wire lead, and a 3/4 in. PVC male fitting adapter for direct coupling to a primary pan drain line connection. Now available with Push to Test button.



CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
SOS-1	Safety Overflow Switch	EA	1

Patents pending.

### CS1200 AC Shutoff Switch

The CS1200 is a fast installing, reliable, condensate overflow detection switch. Featuring a unique universal pan mount design to assure accurate detection in metal or plastic secondary drain pans. UL508 Approved.



CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
CS1200	CS1200 AC Shutoff Switch	EA	12

### Universal Alarm

A universal low voltage alarm that can indicate possible system trouble. Use with the Wet Switch, SOS, Condensate Cop, CP 22 (all types) and all float switches on 24VAC control circuits. If an alarm condition exists, the homeowner can turn the alarm off with a "silence" button until service is obtained, however a red trouble LED will remain lit. Also features: easy 2 wire connection, label to print contractor information, and low current draw. Actuates at greater than 18V to prevent any false alarms due to low voltage. Includes 2 wire nuts, a sheet metal screw, and double sided tape for convenient installation options. Also includes instructions for wiring normally open switch systems (for the CP 22 or other condensate pumps).



CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
UA-1	Universal Alarm for 24VAC	EA	12

### Wet Switch Flood Detector

A solid state control designed to help prevent flooding, damage to carpets, walls, furniture, ceilings, etc. Now has a built in test and reset button for easier installation. Turns system off when detecting moisture due to condensate or drain leaks. One or two drops will cause Wet Switch to turn off a unit, alerting a serviceman to a moisture problem. A lit LED indicates the Wet Switch is activated and has turned the unit off. Reset simply by drying the absorbent pad with a paper towel and pressing the reset switch. Connects to 24 VAC. More than one unit may be connected to a system. 2 amp contact rating. Simple 5 wire installation. Sales displays available. ETL Listed File Number 3146992. UL508 Approved.



CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
WS-1	Wet Switch Flood Detector	EA	1

### Pipe Mounted Switches

DiversiTech Flood Prevention Switches are simple to install, easy to service and extremely reliable. As water level in the auxiliary or main drain pipe rises due to a clogged air conditioning condensate drain, the switch shuts off the system - thus preventing water from overflowing and causing damage to doors, walls and ceilings. At the heart of the switch is a durable yet precise magnetic reed switch. Constructed of materials that will not rust or stick, the switch operates smoothly every time. UL508 Approved.



CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
CS-1	Condensate Switch – Tee	EA	12
CS-2	Condensate Switch – Elbow	EA	12
CS-3	Condensate Switch – Clip	EA	12