

February 2017

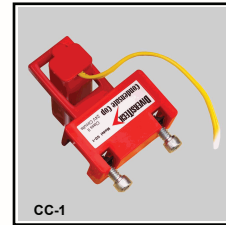
<http://media.diversitech.com/doc/DOC32391.pdf>

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Condensate Detection Switches

Condensate Cop™

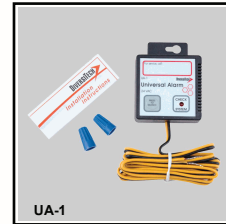
Condensate Cop™ is a unique clamp-on float switch intended for HVAC drain pan installation. The Condensate Cop™ features a large over-clamping area that fits easily over the edge of all types of drain pans; including formed plastic and galvanized sheet metal. A separate float/probe assembly swivels to 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 in. Yin. (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.



Catalog No.	Description	UOM	Order Multiple	List Price
CC-1	Condensate Cop™ Drain Pain Switch	EA	12	\$23.88

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 in.silencein. 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	List Price
UA-1	Universal Alarm for 24VAC	EA	1	\$27.84

Condensate Detection Switches

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. Includes press to test switch. Furnished complete with switch, 5' (1.5 meter) 18 AWG, 2 wire lead, and a 3/4in. 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	List Price
SOS-1	Safety Overflow Switch	EA	1	\$77.16

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.

Catalog No.	Description	UOM	Order Multiple	List Price
CS-1	Condensate Switch - Tee	EA	10	\$42.80
CS-2	Condensate Switch - Elbow	EA	10	\$37.80
CS-3	Condensate Switch - Clip	EA	10	\$22.88