

What is the Condensate Cop?

Condensate Cop™ is a unique, clamp-on float switch intended for HVAC drain pan installation. It 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. Fastens with metal knurled thumb screws.

A swivelling float/probe assembly accommodates drain pans with sloped sides allowing the installer to position the float switch for best operation, then clamp it into place. The probe has an inlet grill which prevents the float from being blocked or damaged by debris. Sealed inside the probe is a magnetically actuated normally closed switch which opens when rising water (1 inch nominal) presents a flooding condition. Easy two wire connection to a thermostat "Y" (compressor) circuit.



Furnished complete with 5' (1.5 meter) leads, wire nuts, and clamping screws. Small size, 24V/1.5 amp NC reed switch, magnetically actuated.

What is the Safety Overflow Switch (SOS)?

Designed for use on 3/4" PVC condensate drain line, the SOS 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 detect a possible overflow condition when the PVC drain line becomes full with water. Like a culvert, condensate drain line is normally mostly empty with a small amount of water flowing in the lower parts of the horizontal run. Since the SOS's sensor component 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. The SOS can be mounted horizontally, vertically, or at any angle.

The SOS works with 24 VAC control circuits and typical contactors. When not detecting water, it is normally closed and allows normal air conditioner operation. When water nears the SOS's sensor, the switch triggers and the control circuit is opened. Then, the LED indicator lights to show that there may be system trouble.



Furnished complete with switch, 5' (1.5 meter) 18 AWG, 2 wire lead, and a 3/4" PVC male fitting adaptor for direct coupling to a primary pan drain line connection.



HYDROPHILIC PAD



INTEGRAL FEET



STAINLESS STEEL SENSORS

What is the Wet Switch?

The Wet Switch is a solid state device designed to detect the presence of condensate water overflow. The Wet Switch is placed into the secondary drain pan — a normally dry pan. If the primary drain pan fails, condensate water will overflow into the secondary drain pan. Upon sensing moisture, the Wet Switch will turn the system off (typically the cause of the condensing water) to help prevent damage to carpets, walls, woodwork, ceilings, and other property.

- Hydrophilic Pad
- Integral Feet
- Stainless Steel Sensor Array
- Solid State Electronics
- Epoxy Encapsulated Electronics
- Double Throw Relay
- Standard 24VAC control
- Multiple Unit Connectivity



Designed to interrupt the operation of cooling systems. However, it is a water activated switch, and can be used in a variety of other applications.