

HOW TO WIRE A CONDENSATE SAFETY SWITCH STEP BY STEP

1. Unplug the gas furnace or disconnect the power to the air handler (heat pump).
2. Install the condensate safety switch.
3. Locate the thermostat wire that goes to the condensing unit. (usually with the Freon line that goes from the indoor coil to the condenser.)
4. Gas furnaces with an evaporative coil have only 2 wires, choose one of the 2 wires and cut the wire near the safety switch, strip the wire ends about 1/4 inch and connect one of the safety switch wires to each of the wire you just trimmed back. (see diagram)
5. Heat pump air handler units, find the thermostat wire going to the condenser, choose either the common wire or the compressor control wire (usually but not always yellow). The wire that controls the compressor will be connected some way to the yellow wire coming from the thermostat.
6. Cut the wire that you choose, strip both ends back about 1/4 inches and connect each end to the cond. Safety switch.
7. Reinststate power to the unit and turn the thermostat to cool and 60 degrees to make sure the condenser will come on when calling for cool. The safety switch has a float in it that will cut the power to the condenser if the drain line gets plugged, protecting the attic from flooding.

Wire nut each lead to the thermostat wire that controls the condensing unit.



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