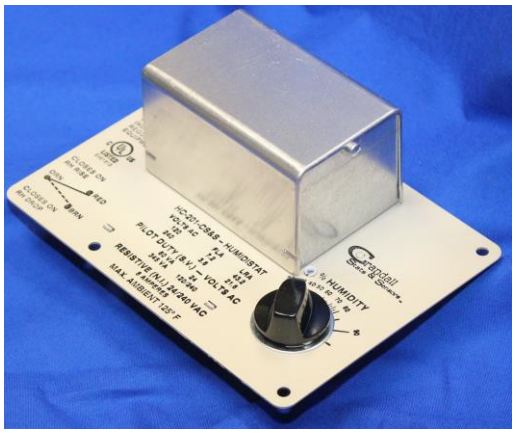
HC-201-CS&S

Duct Humidistat

Description



The HC-201-CS&S is an electric Two Position Humidity Controller for mounting in ducts. These low or line voltage units utilize a single pole-double throw switch rated at 3.6 FLA, 21.6 LRA or 8 resistive amps. These UL listed Controllers operate over a range of 15% to 95% Relative Humidity. The NO contact of the switch is marked “Brown”, the NC contact as “Red” and the Common contact is noted as “Orange”. The unit also has a green ground wire.

The Controller’s mounting plate and housing are steel and aluminum. The sensing element is a nylon belt. Ambient temperature limits in which this device can be used are from 40 °F to 125 °F.

Weights & Dimensions: Unit – 4-3/4” H X 6-1/2” W X 3-3/4” D.

Package* - 1.32#, 5-3/8” X 3-3/4” X 7”

* Does not include packaging materials required for shipping

Replaces:

CS&S Part Number	Manufacturer/Supplier	Replaces
HC-201-CS&S	Schneider Electric	HC-201

Installation:

1. HC-201 should be mounted on the outside surface of a return air duct, horizontally such that the air flow in the duct flows freely across the humidity sensing element.
2. Using the template provided (and shown in figure 1), remove the adhesive from the back of the template and apply to the duct.
3. Drill the (4) 1/8” diameter hole for the mounting screws.
4. Cut the 5-1/2” X 3-3/4” clearance for the Humidistat out of the template and duct.
5. Use the (4) of the sheet metal screws provided to secure the Humidistat to the duct.

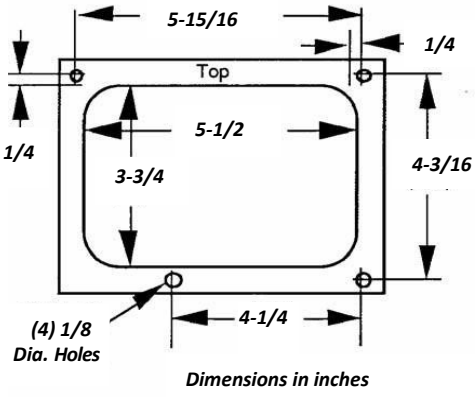


Figure 1

6. Remove the Cover from the unit, and referring to figure 2, wire the units in accordance with the application's requirements.
7. Replace the Cover and secure it with the remaining sheet metal screw provided.
8. Adjust the Setpoint Knob to the desired humidity setting.
9. If the Knob needs to be lock in place, pull the Dial Knob off the unit, tighten the Dial Lock Screw, and replace the Knob.

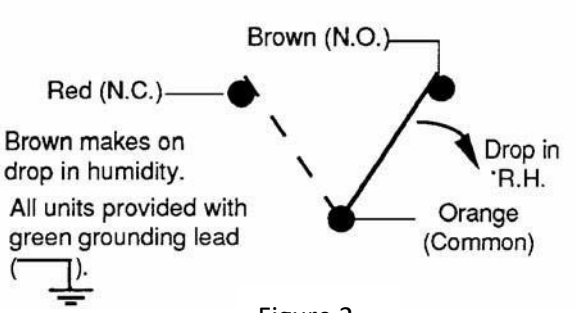


Figure 2

Calibration:

The HC-201 is not field repairable.

Cautions:

- Installer should be qualified and should follow all national and local electrical codes. Use copper conductors only.
- Avoid installing in location where excessive moisture, corrosive fumes, vibrations or high ambient temperatures are likely.
- Before wiring this device, disconnect electrical power to minimize risk of electrical shock or damage to connected equipment.
- Distortion of the unit at installation could affect its calibration.
- Use caution around sharp edges of cut sheet metal.
- This device has a NEMA Type 1 enclosure suitable for indoor use only provides protections against contact with internal components.

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