

Application

For low or line voltage on-off control of humidifiers, dehumidifiers, valves, solenoids valve compressors, relays, etc.

Specifications

Control Dial Settings: 15 to 95% RH.
 Humidity Sensing Element: Nylon ribbon.
 Differential: 5% RH.
 Environment:
 Ambient Temperature Limits,
 Shipping & Storage -40 to 140°F
 Operating 40 to 125°F
 Humidity, 5 to 95% RH, non-condensing.
 Location, NEMA 1, indoor locations only.
 Electrical Switch: Snap-acting SPDT (see Fig. 1)
 Ratings, (See Table 1)
 Connections: Coded screw terminals.
 Cover: Metal.
 Mounting: The outside surface of the return air duct.
 Dimensions: 4 3/4" X 6 1/2" X 3 1/2" (see Fig.2)



Table 1. Maximum Electrical Ratings

AC Volt 50/60 Hz	FLA	LRA	Resistive Amps	Pilot Duty VA
24	-	-	8	60
120	7.2	43.2	8	345
240	3.6	21.6	8	345

Mounting

Mount the HC-201 on the outside surface of the return air duct in a horizontal position where it is exposed to freely circulating air.

CAUTION!

Avoid locations where excessive moisture, corrosive fumes, vibration or high ambient temperatures are present.

Typical Installation

1. Drill the four mounting holes as indicated on Figure 2. using a 1/8" drill.
2. Cut out center portion of ducts outlined on template.
3. Using four (4) mounting screws, mount humidistat to the duct.
4. Remove the cover and make all electrical connections in accordance with job wiring diagram and in compliance with nation and local electrical codes (see Fig.3).
5. Replace the cover.
6. Turn dial knob to desired setting. If locked dial setting is desired, remove dial knob, tighten the dial lock screw and replace knob.

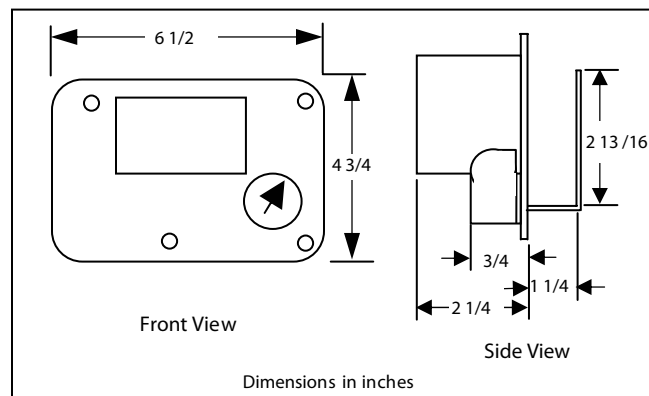


Figure 1 HC -201 Dimensions

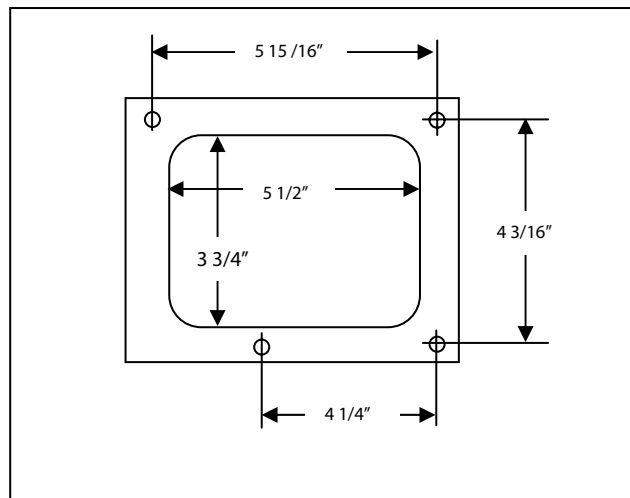


Figure 2. Template Dimensions

Micro Switch Terminals

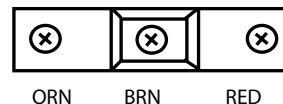


Figure 3. Connect Humidifier To "ORN" And "BRN" Terminals.