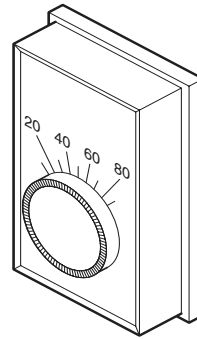


Two-Position Electric Controller

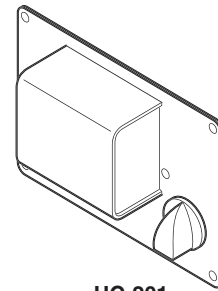
These controllers provide low or line voltage on-off single stage control of humidifiers, dehumidifiers, valves, solenoid valves, compressors, relays, etc.

Features:

- SPDT switching for humidification/dehumidification.
- Agency listed room and duct units.
- Long life nylon elements.
- Standard locking feature.



HC-101



HC-201



Model Chart

Description.

Model No.	Description	Scale Range % RH	Differential % RH
			Switch
HC-101	Room	10 to 90	5
HC-201	Duct	15 to 95	

Maximum Electrical Ratings.

Model No.	AC Volt 50/60 Hz	FLA	LRA	Resistive Amps	Pilot Duty VA
HC-101	24	—	—	8	60
HC-201	240	3.6	21.6		345
	120	7.2	43.2		

Specifications

Control dial settings	Refer to Description Model Chart.
Humidity sensing element	Nylon ribbon.
Differential	Refer to Description Model Chart.
Environment	
Ambient temperature limits	Operating: 40 to 125°F (4 to 52°C). Shipping and Storage: -40 to 140°F (-40 to 60°C).
Humidity	5 to 95% RH non-condensing.
Locations	NEMA Type 1.
Electrical Switch	One snap-acting SPDT.
Ratings	Refer to Maximum Electrical Ratings Model Chart.
Connections	Color coded wire leads.
Mounting	
HC-101	Flush or surface switch boxes or, for 24 V only, directly to wall.
HC-201	In any position on the outside surface of return air duct.
Dimensions	HC-101: 4-3/8 H x 2-7/8 W x 1-5/8 D in. (111 x 73 x 41 mm). HC-201: 4-3/4 H x 6-1/2 W x 3-1/2 D in. (121 x 165 x 89 mm).
Cover	HC-1xx: Plastic. HC-2xx: Metal. CH21-1: Metal.
Agency Listings	HC-101 and HC-201: UL. HC2-101 and HC-201: CSA.
General Instructions	HC-101: Refer to F-15143. HC-201: Refer to F-24213.

HC-101 Series, HC-201

Accessories

Model No.	Description
Accessories for HC-101 only	
AT-504	Aux. mounting base.
AT-505	Wall box cover plate.
AT-546	Aux. mounting base.
AT-1104	Cast guard.
AT-1155	Plastic guard.
AT-1165	Plastic guard.

Typical Applications

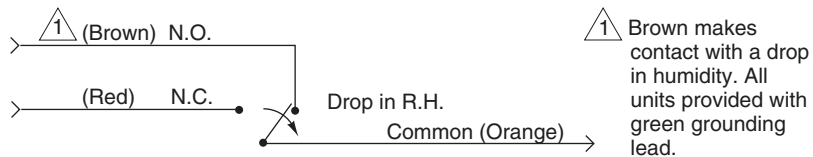


Figure 2 HC-101, and HC-201 Switch Action and Terminal Identification.