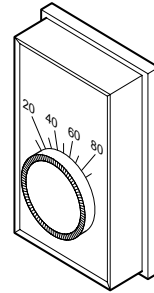


Two-Position Electric Controller

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

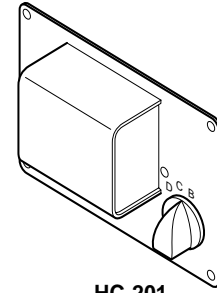
Features:

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



HC-101
HC-101-770

(Only models with metal covers are CSA certified)



HC-201

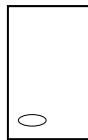
Model Chart

Description.

Model No.	Logo	Description	Scale Range % RH	Differential % RH	
				Switch	Interstage
HC-101	Barber-Colman	Room	10 to 90	5	—
HC-101-770	Robertshaw				
HC-201	Barber-Colman	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-101-770	120	7.2	43.2		345
HC-201	240	3.6	21.6		345



HC-101

Blank cover insert and 5/64" Allen head cover screw included to convert room humidistat to concealed adjustment if required.



Robertshaw

HC-101-770

Figure 1 (HC-101 and HC-101-770).

Installation Information.

Model No.	Connections	Dimensions	Cover Material
HC-101	6 in. (150 mm) color coded leads	4-3/8 H x 2-7/8 W x 1-5/8 D in. (111 x 73 x 41 mm)	Beige Plastic
HC-101-770			
HC-201	Coded screw terminals	4-3/4 H x 6-1/2 W x 2-1/4 D in. (121 x 165 x 57 mm)	Metal

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	Refer to Installation Information Model Chart.
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	Refer to Installation Information Model Chart.
Cover	Refer to Installation Information Model Chart.

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

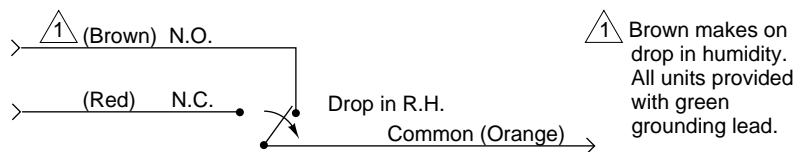


Figure 2 HC-101, HC-101-770, and HC-201 Switch Action and Terminal Identification.