

H46 Humidity Controller



Provide automatic control of a humidifier or dehumidifier for dehumidification in air conditioning systems.

- Positive ON-OFF settings permit manual operation of controlled equipment.
- Impact-resistant, molded plastic cover mounts on wall.
- Fully enclosed, dust free, SPST, snap-acting switch.
- Sensing element of thin, moisture sensitive nylon ribbon provides reliable operation even when ambient temperature conditions change.

Dimensions, Approximate: 4 11/16 in. high x 2 15/16 in. wide x 2 1/8 in. deep (119 mm high x 75 mm wide x 54 mm deep)

Voltage: 24 Vac
120 Vac
240 Vac

Mounting: Wall mount

Temperature Range: 50 F to 125 F (10 C to 52 C)

Differential: 4% to 6% RH

Product Number	Electrical Ratings					
	(120 Vac, Full Load)	(120 Vac, Locked Rotor)	(120 Vac, Resistive)	(240 Vac, Full Load)	(240 Vac, Locked Rotor)	(240 Vac, Resistive)
H46C1166	7.5 A	30.0 A	6.0 A	3.8 A	15.0 A	6.0 A
H46D1214	4.4 A	26.4 A	6.0 A	2.2 A	13.2 A	6.0 A
H46E1013	7.5 A	30.0 A	6.0 A	3.8 A	15.0 A	6.0 A

	Product Number	Operating Humidity Range (% RH)	Color	Application	Description
*	H46C1166	20 to 80% RH	Premier White®	Dehumidification	Wall mounted Dehumidistat
*	H46D1214	10 to 60% RH	Premier White®	Humidification	Wall mounted Humidistat
*	H46E1013	20 to 80% RH	Beige	Dehumidification	Dehumidistat with plug for window Air Conditioner or portable dehumidifier

* TRADELINE models • SUPER TRADELINE models

H600 Humidity Controllers



Operates humidification equipment on RH fall or dehumidification equipment on RH rise.

- Sensing element of thin, moisture sensitive nylon ribbon provides reliable operation even when ambient temperature conditions change.
- Fully enclosed, dust free, SPDT, snap-acting switch.
- Removable setting knob prevents tampering.
- Mount vertically on 2 x 4 in. junction box (not to be duct mounted).
- Includes alternate scale and faceplate for horizontal mounting.

Dimensions, Approximate: 6 3/16 in. high x 3 3/8 in. wide x 2 1/4 in. deep (157 mm high x 86 mm wide x 57 mm deep)

Voltage: 24 Vac
120 Vac
240 Vac

Mounting: Wall mount

Temperature Range: 50 F to 125 F (10 C to 52 C)

Differential: 5% RH

Product Number	Electrical Ratings					
	(120 Vac, Full Load)	(120 Vac, Locked Rotor)	(120 Vac, Resistive)	(240 Vac, Full Load)	(240 Vac, Locked Rotor)	(240 Vac, Resistive)
H600A1014	Dehumidifier Contacts 7.5 A Humidifier Contacts 4.4 A	Dehumidifier Contacts 30 A Humidifier Contacts 26.4 A	Dehumidifier Contacts 6 A Humidifier Contacts 6 A	Dehumidifier Contacts 3.8 A Humidifier Contacts 2.2 A	Dehumidifier Contacts 15 A Humidifier Contacts 13.2 A	Dehumidifier Contacts 6 A Humidifier Contacts 6 A

	Product Number	Operating Humidity Range (% RH)	Color	Application	Description
*	H600A1014	20 to 80% RH	Gray	Humidification or Dehumidification	Humidistat for Humidification or Dehumidification

* TRADELINE models • SUPER TRADELINE models