

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