



FAN CONTROLS

Humidity Control

P/N 611224

PRODUCT
SPECIFICATIONS
& TECHNICAL
DATA



DESCRIPTION

The ALDES Humidity Control can be used to regulate the relative humidity of confined spaces by cycling humidifying or dehumidifying equipment. They are designed for use as internal components for portable humidifiers and dehumidifiers, and as wall mounted humidity controls for central systems. The Humidity Control can switch low-voltage circuits from 24 VAC up to 250 VAC. This feature enables its use on low-voltage circuits to control heat or energy recovery ventilators (HRV/ERV). The HRV/ERV is activated to remove excess humidity as desired. The controller allows the setting to be adjusted from 20 to 80 percent relative humidity, with an 8 percent maximum relative humidity differential. Once the desired humidity is reached, the unit returns to its default operation mode.

The controller is suitable for use with most exhaust fans. The Humidity Control consists of a humidity sensing element, adjustable setpoint cam and an electrical switch. The sensing element changes length in response to the exposed relative humidity to move the switch mechanisms at the appropriate switch points.

Features & Functions

- Activates the HRV/ERV to remove excess humidity as desired
- The unit returns to its default operation mode when desired humidity is reached
- Adjustable between 20% and 80% relative humidity
- Indicates the moisture content (%RH) of the ambient air
- 24 VAC
- Surface mount
- Fits inside any 2" x 4" service box
- Includes retaining screws and a white deco wall plate

Specifications

- 24-250 VAC Supply
- 7.5 Amps
- RH Range: 20% - 80%
- Differential: 8%RH Max
- Cycle Ratings: 50,000 automatic at 140°F (60°C), 6,000 manual cycles
- Operating Temperature: 32°F to 140°F (0°C to 60°C)

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Humidity Control_spec_1016