



Model DH55



Dehumidistat

The DH55 control is designed to regulate the relative humidity of confined spaces by cycling humidifying or dehumidifying equipment. It is designed for use as internal components for portable humidifiers and dehumidifiers, and as wall mounted humidity controls for central systems. The DH55 is a relative humidity control, consisting of a humidity sensing element, adjustable setpoint cam and an electrical switch. The sensing element changes length in response to the exposed RH to move the switch mechanisms at the appropriate switch points.

Applications

- Ventilation fans for confined spaces.
- Space and Product Humidifiers.
- Dehumidifiers.
- Central HVAC units.

Features

- Strong plastic frame with integral switch.
- Improved woven nylon sensing element provides 12 times faster speed of response than film nylon elements.
- Greater stability of setpoints over dramatic changes in relative humidity.
- Improved differential allowing 5%RH.
- Switch grade plastic frame eliminates the need for grounding the control.
- Adjustable setpoints with dial shaft control.
- Includes case and white cover for vertical wall mounting.

Specifications

- Insulation Material: Thermoplastic, Flame Class 94V-0.
Comparative Tracking Index 600.
- Ambient Temperature Limitations: Switch Head 0° C to 60° C.
Shipping -30° C to 65.6° C.
- Switch Type: SPST
- Enclosure Protection: IPOO
- Electrical Shock Protection: Class 1
- Humidity Ranges: 20 to 80%RH.
- Differentials: 5%RH.

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Specifications are subject to change without notice.