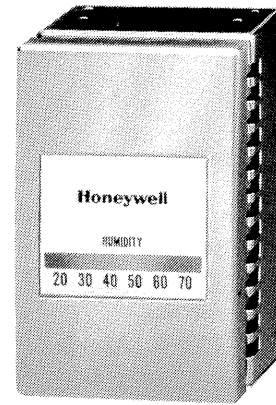


Honeywell

HP972B Wide Range Pneumatic Humidistat



R3986

GENERAL

The HP972B is a proportioning pneumatic humidistat used on two-pipe installations. These humidistats are used for controlling the actuators on valves and dampers in air conditioning systems for humidification or dehumidification control.

FEATURES

- Corrosion resistant material
- Simple plug-in air connections
- Straight setpoint scales
- Air filter

DESCRIPTION

The HP972B is a proportioning pneumatic humidistat used on two-pipe installations. These humidistats are used for controlling the actuators on valves and dampers in air conditioning systems for humidification or dehumidification control.

SPECIFICATIONS

Model:

HP972B: Reverse acting

Setpoint Range:

15 to 75% rh in 5% increments

Adjustment:

External serrated knob. Also internally adjustable and locking stops for minimum and maximum setpoint limits.

Throttling Range:

Adjustable from 7 to 35% rh

Temperature Limits:

Operating: 45 to 125F (7 to 52C)

Storage: -30 to 150F (-34 to 66C)

Maximum Safe Pressure:

25 psi (172 kPa)

Air Consumption:

0.011 scfm (5.2 ml/s)

Filter:

Replaceable cartridge type

Mounting:

Horizontal or vertical wall mounted with plug-in backplate

Dimensions:

3-1/8 x 1-7/8 x 1-1/2 in. deep (80 x 48 x 38 mm)

Branch Line Indication:

Self-sealing gage tap accessible under cover

Construction:

Corrosion resistant metals and finishes with high-strength, glass-filled, Delrin and Noryl molded parts
Nylon element

Supply Air Pressure:

18 psi (124 kPa)

Covers and Accessories:

Order separately (see 77-1003)

Fittings:

Order separately (see 95-5597)

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