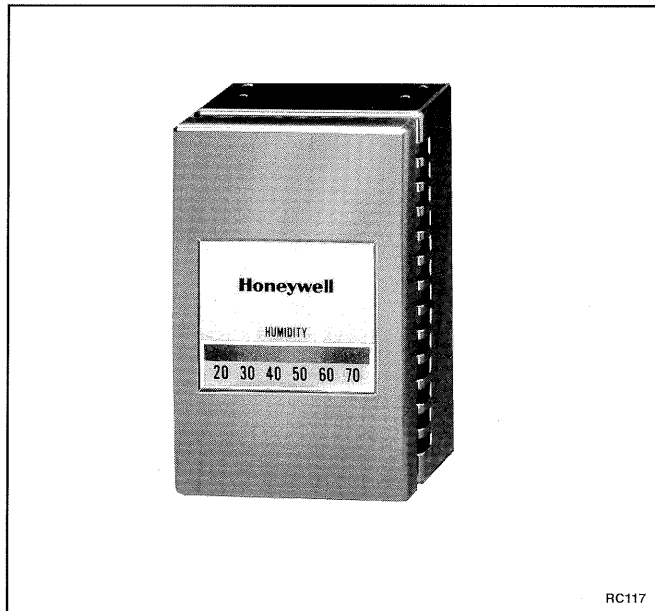


HP970A and B Pneumatic Humidistats

SPECIFICATION DATA



FEATURES

- Nylon element
- Straight setpoint scales
- Plug-in air connections
- Corrosion resistant materials
- Air filter

GENERAL

The HP970A and B are two-pipe proportioning humidistats for controlling valve and damper actuators in air conditioning systems requiring control for humidification and dehumidification.



DESCRIPTION

The HP970A and B are two-pipe proportioning humidistats for controlling valve and damper actuators in air conditioning systems requiring control for humidification and dehumidification.

SPECIFICATIONS

Models:

- HP970A—Direct acting
- HP970B—Reverse acting

Setpoint Range:

HP970A: 15 to 75% rh, in 5% increments

HP970B: 15 to 75% rh or 65 to 95% rh, in 5% increments

Adjustment:

External breakaway knob with internally adjustable locking stops for minimum and maximum settings

Throttling Range:

Adjustable for 3 to 15% rh

Temperature Limits:

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

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

Maximum Safe Pressure:

25 psi (172 kPa)

Filter:

Replaceable cartridge type

Air Consumption:

0.011 scfm (5.2 ml/s)

Mounting:

Horizontal or vertical wall mounted with plug-in backplate

Dimensions In Inches (Millimeters):

3-1/4 x 2 x 1-5/8 in. deep (83 x 51 x 42 mm)

Branchline Indication:

Self-sealing gage tap accessible under cover

Supply Air Pressure:

18 psi (124 kPa)

Covers and Accessories:

Order separately (see HP970 and TP970 Series Standard Covers and Accessories Specification Data 77-1003)

Fittings:

Order separately (see HP970-72 and TP970-74 Pneumatic Sensors, Humidistats, and Thermostats Installation Instruction 95-5597)

Home and Building Control

Honeywell Inc.
Honeywell Plaza
P.O. Box 524
Minneapolis MN 55408-0524

Honeywell Latin American Division

Miami Lakes Headquarters
14505 Commerce Way Suite 500
Miami Lakes FL 33016

Home and Building Control

Honeywell Limited-Honeywell Limitée
740 Ellesmere Road
Scarborough Ontario
M1P 2V9

Honeywell Europe S.A.

3 Avenue du Bourget
B-1140 Brussels Belgium

Honeywell Asia Pacific Inc.

Room 3213-3225
Sun Hung kai Centre
No. 30 Harbour Road
Wanchai
Hong Kong

Honeywell