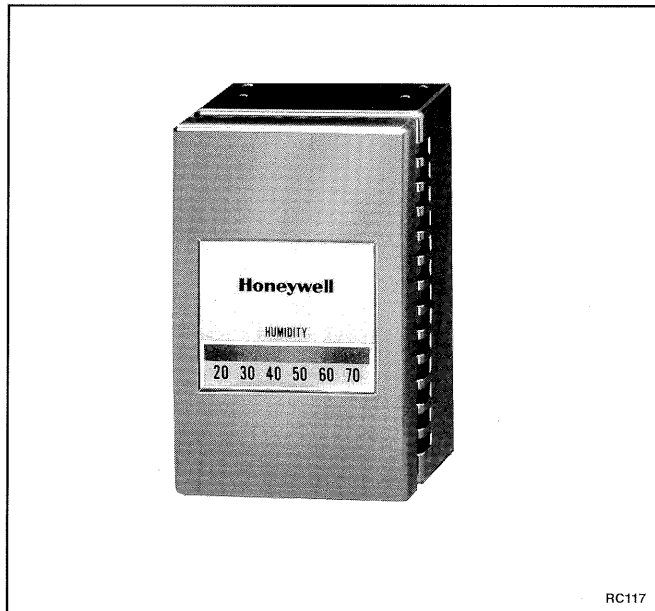


HP970A and B Pneumatic Humidistats

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)

By using this Honeywell literature, you agree that Honeywell will have no liability for any damages arising out of your use or modification to the literature. You will defend and indemnify Honeywell, its affiliates and subsidiaries, from and against any liability, cost, or damages, including attorneys' fees, arising out of, or resulting from, any modification to the literature by you.

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

Helping You Control Your World

