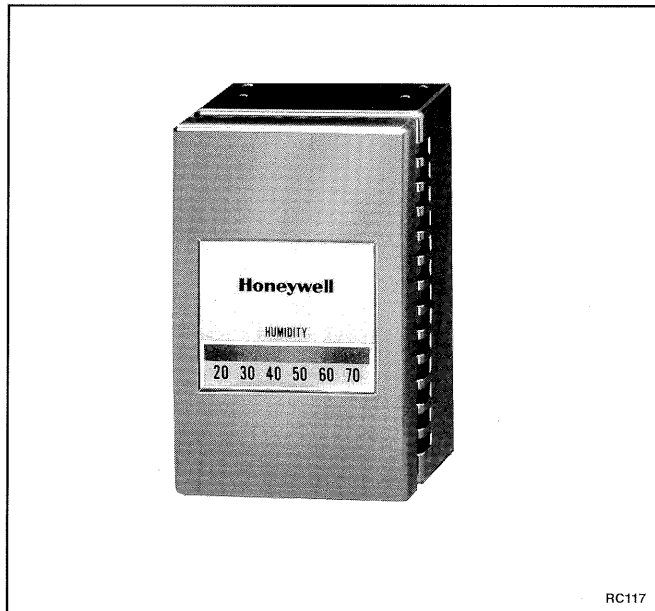


## HP970A and B Pneumatic Humidistats

### 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)

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