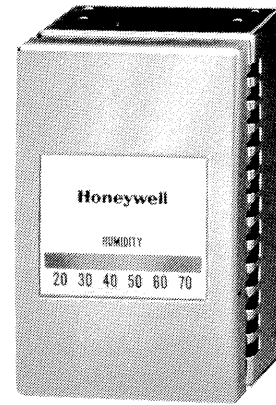


# Honeywell

## HP972B Wide Range Pneumatic Humidistat



### 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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