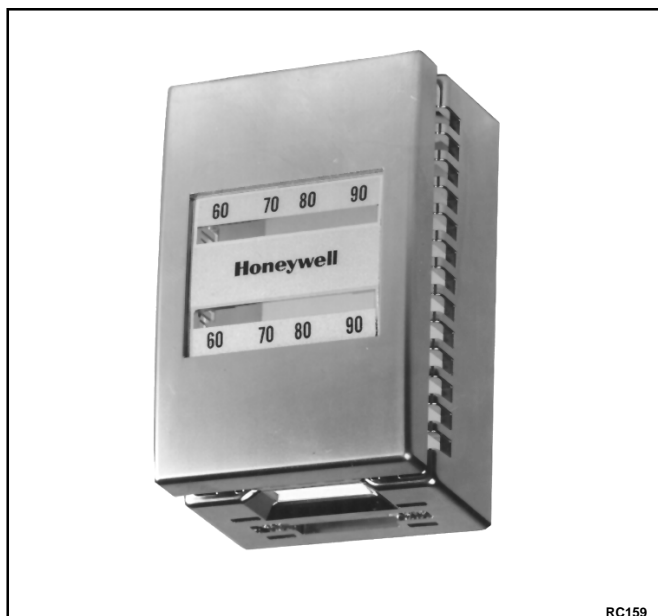


TP972A Pneumatic Thermostat

SPECIFICATION DATA



FEATURES

- Two bimetal elements, one for direct-acting heating cycle and the other for reverse-acting cooling cycle
- Adjustable throttling range
- Automatic changeover from main line pressure changes
- Indicating spiral bimetal thermometer
- Individual concealed setpoint knobs for each bimetal element, preventing unauthorized changes
- Self-sealing branch line gage tap
- Noncorrosive air passages
- Glass filled Delrin backplate acts as thermal insulator to reduce cold wall effect
- Air filter

GENERAL

The TP972A Pneumatic Thermostat is a two-temperature, two-pipe, proportioning thermostat used to control pneumatic valve and damper actuators in pneumatic HVAC control systems.



DESCRIPTION

The TP972A Pneumatic Thermostat is a two-temperature, two-pipe, proportioning thermostat used to control pneumatic valve and damper actuators in pneumatic HVAC control systems.

SPECIFICATIONS

Model:

TP972A:

Reverse acting—cooling
Direct acting—heating

Setpoint Range:

60 to 90F (15 to 30C)

Throttling Range:

Adjustable 2 to 10F (1 to 5C)

Filter:

Replaceable cartridge type

Maximum Air Pressure:

25 psi (172 kPa)

Air Consumption:

0.011 scfm (5.2 m³/s)

Adjustment:

External breakaway knob with locking stops for minimum and maximum adjustment

Thermometer:

Spiral bimetal: 60 to 90F or 15 to 30C

Dimensions:

3-1/8 x 1-7/8 x 1-1/2 in. deep (80 x 40 x 50 mm)

Mounting:

Horizontal or vertical wall mounted with plug-in backplate

Branch Line Indication:

Self-sealing gage tap accessible under cover

Maximum Safe Temperature:

150F (66C)

Supply Air Pressure:

Reverse acting: 9 or 13 psi (62 or 90 kPa)
Direct acting: 18 psi (124 kPa)

Cover and Accessories:

Order separately (see 77-9828)

Fittings:

Order separately (see 95-7134)

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