

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)

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

