



Edgemont Precision
Rebuilders, Inc.

(800) 356-3774

TP970A and B Pneumatic Thermostats

SPECIFICATION DATA

FEATURES

- Bimetal sensing element
- High capacity
- Straight-scale thermometer located on thermostat rather than on cover
- Plug-in air connections
- Adjustable throttling range
- Replaceable filter



GENERAL

TP970A and B Pneumatic Thermostats provide high-capacity, proportional control of pneumatic devices, such as valves and damper actuators, in heating, ventilating, and air conditioning systems. These two-pipe, pilot-bleed Thermostats maintain comfortable conditions and are designed for trouble-free service.

DESCRIPTION

TP970A and B Pneumatic Thermostats provide high-capacity, proportional control of pneumatic devices, such as valves and damper actuators, in heating, ventilating, and air conditioning systems.

SPECIFICATIONS

Models:

- ☐ TP970A: Direct acting
- ☐ TP970B: Reverse acting

Setpoint Ranges:

TP970A: 60 to 90F, 40 to 70F, or 15 to 30C

TP970B: 60 to 90F or 15 to 30C

Throttling Range:

Adjustable: 2 to 10 degrees F (1.1 to 5.6 degrees C)

Filter:

Replaceable cartridge type

Maximum Safe Air Pressure:

25 psi (172 kPa)

Maximum Safe Temperature:

150F (66C)

Setpoint Adjustment:

Knob with adjustable, locking stops for minimum and maximum settings

Thermometer:

Spiral bimetal

Mounting:

Wall mounted
Horizontal or vertical

Branch Line Indication:

Self-sealing gage tap accessible under cover

Air Consumption:

0.011 scfm (5.19 ml/s)

Dimensions (Cover):

3-1/4 in. (83 mm) by 2 in. (51 mm) by
1-5/8 in. (42 mm) deep

Covers:

Locking type
For standard covers, see 77-1003
For special covers, see 77-9828

Fittings:

Order separately (see 95-5597)

Accessories:

See 77-1003

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