

TP9630 Series Pneumatic Thermostats

SPECIFICATION DATA



FEATURES

- Plug-in mounting for easier installation and service
- One- or two-pipe installation for greater application flexibility
- Adjustable throttling range for optimum control
- Low air consumption for lower installation first cost
- Contemporary, styled cover

APPLICATION

The TP9630 Series Pneumatic Thermostats provide proportional control of pneumatic valve and damper actuators in heating or air conditioning systems. The Thermostat has a high-efficiency air filter, a self-sealing gage tap, and a concealable setpoint adjustment knob. Covers are provided with all models.



DESCRIPTION

The TP9630 Series Pneumatic Thermostats provide proportional control of pneumatic valve and damper actuators in heating or air conditioning systems. The Thermostat has a high-efficiency air filter, a self-sealing gage tap, and a concealable setpoint adjustment knob. Covers are provided with all models.

SPECIFICATIONS

Model:

- TP9630A: Direct acting; 1 or 2 pipe; cover: setpoint visible and adjustable; thermometer visible
- TP9630B: Reverse acting; 1 or 2 pipe; cover: setpoint visible and adjustable; thermometer visible
- TP9633A: Direct acting; 1 or 2 pipe; cover: setpoint concealed and thermometer concealed
- TP9633B: Reverse acting; 1 or 2 pipe; cover: setpoint concealed and thermometer concealed

Setpoint Range:

60° to 90°F (16° to 32°C)
Straight-line scale setpoint indicator
Stops available as accessory

Sensing Element:

Bimetal

Thermometer:

60° to 90°F (15° to 30°C)

Throttling Range:

Adjustable 2° to 10°F (1° to 5°C)

Supply Air Pressure:

18 psi (124 kPa)

Maximum Safe Air Pressure:

25 psi (172 kPa)

Air Consumption:

0.011 scfm (5.2 ml/s)

Air Filter:

Replaceable cartridge type

Maximum Operating Temperature:

100°F (38°C)

Maximum Storage Temperature:

150°F (66°C)

Setpoint Adjustment:

External knob
Knob can be covered or left accessible as required

Branchline Indication:

Self-sealing gage tap accessible under cover

Mounting:

Vertical wall mounted with plug-in backplate

Dimensions:

3-1/4 in. (83 mm) high x 2 in. (52 mm) wide x 1-5/8 in. (41 mm) deep

Covers:

Locking type

Fittings:

Order separately (see 95-5597)

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