

TP9610 Series Pneumatic Thermostats

SPECIFICATION DATA



FEATURES

- Two bimetal elements, one for day and one for night operation
- Two independent setpoints control day operation and night setback
- Adjustable stops can be set to limit travel of day setpoint adjustment
- Corrosion resistant materials
- Glass-filled Delrin back plate acts as thermal resistor to reduce cold wall effect
- Snap-in mounting incorporating air connection backplate
- Air filter
- Contemporary, styled cover

APPLICATION

TP9610 Series Pneumatic Thermostats are two-pipe proportional pneumatic thermostats used to control actuators on HVAC control systems. Covers are provided with all models.



DESCRIPTION

TP9610 Series Pneumatic Thermostats are two-pipe proportional pneumatic thermostats used to control actuators on HVAC control systems. Covers are provided with all models.

SPECIFICATIONS

Models:

- TP9610A: Direct acting; heating; day/night; 13/18 main pressure; cover: setpoint visible and adjustable; thermometer visible
- TP9610B: Reverse acting; heating; day/night; 13/18 main pressure; cover: setpoint visible and adjustable; thermometer visible
- TP9613A: Direct acting; heating; day/night; 13/18 main pressure; cover: setpoint concealed and thermometer concealed
- TP9613B: Reverse acting; heating; day/night; 13/18 main pressure; cover: setpoint concealed and thermometer concealed

Setpoint Ranges:

60° to 90°F (16° to 32°C) Day; 50° to 75°F (10° to 24°C) Night

Changeover Pressure:

13 psi (90 kPa) Day; 18 psi (124 kPa) Night

Throttling Range:

Adjustable: 2° to 10°F (1° to 5°C)

Filter:

Replaceable cartridge type

Maximum Safe Air Pressure:

25 psi (172 kPa)

Maximum Safe Temperature:

150°F (66°C)

Setpoint Adjustment:

DAY setting: External knob with internal, adjustable, locking stops for minimum and maximum settings
NIGHT setting: Independent, unexposed setpoint knob (access requires cover removal)

Reset:

Manual DAY/AUTO lever exposed through cover

Thermometer:

Spiral bimetal; 60° to 90°F (16° to 32°C)

Mounting:

Vertical wall mounted with plug-in backplate

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) 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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