

TP973A and B Room 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

GENERAL

The TP973A and B Room Thermostats ("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.



SPECIFICATIONS

Models:

- TP973A Thermostat (direct acting)
- TP973B Thermostat (reverse acting)

Setpoint Range:

60 to 90F (15 to 30C)
Straight-line scale setpoint indicator

Sensing Element:

Bimetal

Thermometer:

60 to 90F (15 to 30C)

Throttling Range:

Adjustable 2 to 10 degrees F (1 to 6 degrees 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:

100F (38C)

Maximum Storage Temperature:

150F (66C)

Setpoint Adjustment:

External knob
Knob can be covered or left accessible as required
Stops available as an accessory

Branchline Indication:

Self-sealing gage tap accessible under cover

Mounting:

Wall mounted on plug-in backplate in horizontal or vertical orientation

Dimensions:

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

Cover and Accessories:

Order separately (see HP970 and TP970 Series Standard Covers and Accessories Specification Data 77-1003)
TP973 Setpoint Stop Kit — 14004908-001

14004908-001 Setpoint Stops for TP973 (bag of 10 for 5 thermostats)



Fittings:

Order separately (see HP970-72 and TP970-74 Pneumatic Sensors, Humidistats, and Thermostats Installation Instructions 95-5597)

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