

PNEUMATICS & FITTINGS

SIEMENS/POWERS PNEUMATIC THERMOSTATS 832 SERIES



SIEMENS
POWERS™

DESCRIPTION

The **Siemens/Powers 832 Series D Room Thermostat** is a gradual-acting, pneumatic instrument recommended for room temperature control in heating and air conditioning applications. The **832-xxxx series** thermostats are rapid responding to temperature change and its unique design prevents a constant waste of air. Other features include a wide range of adjustment, noncorrosive parts, ease of calibration and quiet operation. While the **832-xxxx series** is primarily designed for control of individual rooms heated or cooled by radiation, ventilation or an air conditioning system, it is very versatile. Other applications include room control of radiant panels, finned radiation and unit ventilators.

NEW!



832 Series

FEATURES

- **Direct acting pneumatic control**
- **Replacement covers and bodies available**
- **Pressure style operation for temperature control**

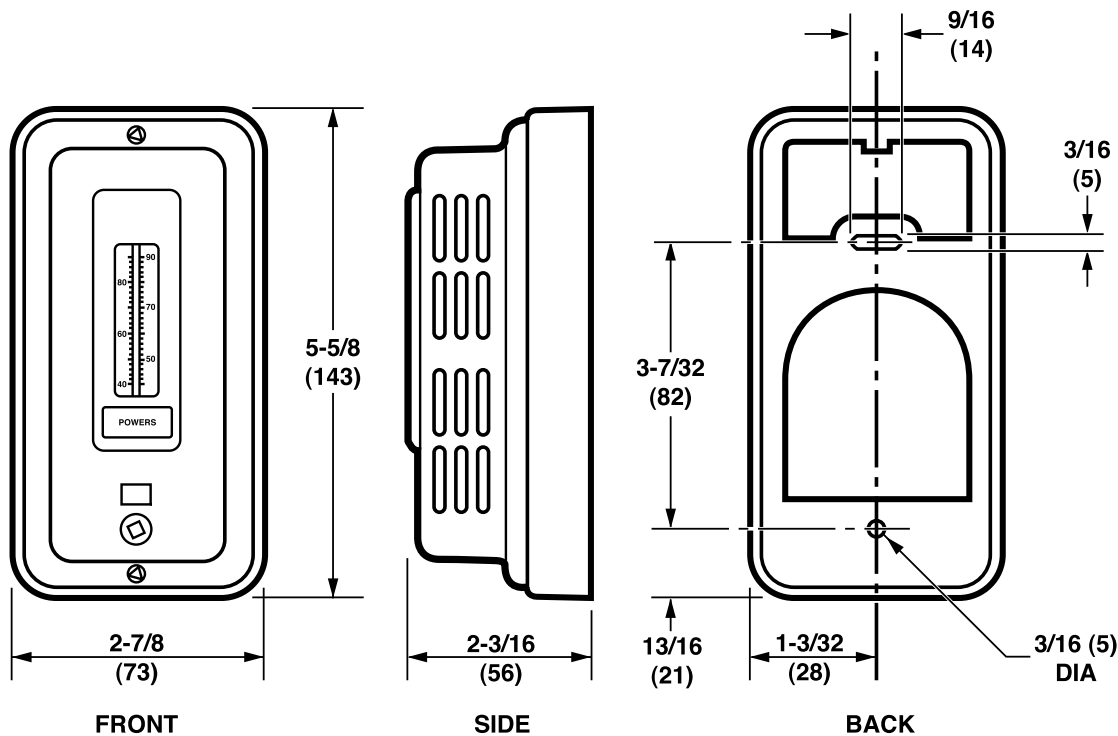
| SPECIFICATIONS | | | |
|-------------------------------|--------------------------------|--------------------------------------|---|
| Control Action | Direct acting | Maximum Operating Pressure | 30 psi (207 kPa) |
| Connections | Barbs for 5/32" OD poly tubing | Normal Air Pressure | 18 psi (124 kPa) |
| Number of Pipes | 2 pipe | Nominal Air Consumption | 10 scfm (2.7 ml/sec) |
| Sensor Element | Bellows | Temperature | |
| Sensitivity Adjustment | 2 1/4 psi/°F (27.0 kPa/°C) | Storage Temperature | -10 to 110°F (-23 to 43°C) |
| Setpoint Temperature | | Ambient Operating Temperature | 40 to 110°F (4 to 43°C) |
| Ranges | 60 to 85°F (10 to 30°C) | Standard Cover | Brass |
| Temperature Response | 0.5°F to (0.3°C) | Dimensions | 5 5/8"H x 2 7/8"W x 2 3/16"D (143 x 73 x 56 mm) |
| Dial Graduations | 2°F (1°C) | Shipping Weight | 0.7 lbs. (0.3 Kg) |
| Factory Settings | | Warranty | 1 year |
| Calibration | 72°F (22°C) 7.5 psi (52 kPa) | | |
| Sensitivity | 2.5 psi/°F (31 kPa/°C) | | |
| Limit Stop Adjustment | 45°F and 85°F (7°C and 30°C) | | |



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DIMENSIONS



ORDERING INFORMATION

MODEL

832-0120
832-0490
832-0500
832-1260

DESCRIPTION

Pneumatic direct acting thermostat with a concealed adjustment and thermometer on cover
Pneumatic direct acting thermostat with a concealed adjustment, no thermometer
Pneumatic direct acting thermostat with a key adjustment and thermometer on cover
Pneumatic direct acting thermostat with a knob adjustment and thermometer on cover

ACCESSORIES

856-036
856-044
856-046
856-014
856-055
832-040

832-0120 Cover
832-1260 or 832-0500 Cover
832-044 Cover
832-046 Screw (required to mount 832-046 cover)
832 Series setpoint adjustment key
832 Series chassis/body only thermostat replacement