Heating-Cooling Thermostat Catalog Page

LIT-1921685

2020-01-09



Description

The T-4752 Thermostat is a high volume output, heating-cooling thermostat. Provides automatic changeover between Direct Acting (DIR) and Reverse Acting (REV) when supply pressure changes from 15 to 20 psig (105 to 40 kPa).

Refer to *T-4000 Series Pneumatic Room Thermostat Product Bulletin (LIT-7171060P)* for important product information.

Features

- includes Fahrenheit dial
- available in vertical or horizontal model

Repair Information

If the T-4752 Heating-Cooling Thermostat fails to operate within its specifications, replace the unit. For a replacement thermostat, contact the nearest Johnson Controls® representative.

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Selection Charts

Table 1: T-4752 Heating-Cooling Thermostat selection chart

Code Number	Description
T-4752-201	15 psig DIR, 20 psig REV, Horizontal Mounting
T-4752-202	15 psig DIR, 20 psig REV, Vertical Mounting
T-4752-205	15 psig REV, 20 psig DIR, Horizontal Mounting
T-4752-206	15 psig REV, 20 psig DIR, Vertical Mounting

Note: Order cover and mounting bracket separately.

Table 2: Commonly Used Accessories for T-4752

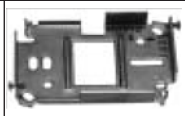
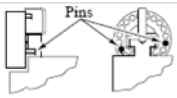
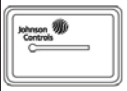
Code Number		Description
T-4002-124		Room instrument mounting bracket for surface-mounting thermostats and covers; includes drywall clips, spacers, and mounting templates
T-4002-122		Terminal Connector, with two straight fittings for plug-in connection to 5/32 in. O.D. polyethylene tubing (must be ordered in multiplies of ten)
T-4002-123		Terminal Connector, with angle fittings for surface mounted thermostats with exposed tubing (must be ordered in multiplies of ten)
T-4002-5003		Restricted adjustment pin (100/kit) restricts adjustment of set point dial
T-4002-5012		Adjusting knob kit provides a means of external setpoint adjustment
T-4002-5017		External set point dial, Horizontal °F
T-4002-5018		External set point dial, Vertical °F
T-4000-2138		Beige Plastic Cover, Horizontal or Vertical (no thermometer, no set point windows)
T-4000-2139		Beige Plastic Cover, Horizontal (no thermometer, no set point windows)
T-4000-3139		White Plastic Cover, Horizontal (no thermometer, no set point windows)
T-4000-2140		Beige Plastic Cover, Horizontal, thermometer (no set point windows)
T-4000-3140		White Plastic Cover, Horizontal, thermometer (no set point windows)
T-4000-2141		Beige Plastic Cover, Horizontal, 1 set point window (no thermometer)
T-4000-3141		White Plastic Cover, Horizontal, 1 set point window (no thermometer)

Table 2: Commonly Used Accessories for T-4752

Code Number		Description
T-4000-2142		Beige Plastic Cover, Horizontal, 1 set point window with thermometer
T-4000-3142		White Plastic Cover, Horizontal, 1 set point window with thermometer
T-4000-2144		Beige Plastic Cover, Vertical (no thermometer, no set point windows)
T-4000-3144		White Plastic Cover, Vertical (no thermometer, no set point windows)
T-4000-2145		Beige Plastic Cover, Vertical, 1 set point window (no thermometer)
T-4000-3145		White Plastic Cover, Vertical, 1 set point window (no thermometer)
T-4000-2146		Beige Plastic Cover, Vertical, 1 set point window with thermometer

Note: For additional accessories, refer to *T-4000 Series Accessories*.

Technical Specifications

Table 3: T-4752 Heating-Cooling Thermostat technical specifications

Specification	Description
Sensitivity	Adjustable from .75 to 4.0 psig/°F (9 to 50 kPa/°C) Factory set at approximately 2.5 psig/°F (32 kPa/°C)
Flow Capacity	400 SCIM (107 mL/s)
Air Consumption	20 SCIM (5 mL/s)
Supply Pressure	13 to 25 psig (91 to 175 kPa) Nominal Day 15 psig (105 kPa), Nominal Night 20 psig (140 kPa),
Dial Range	55 to 85°F (Two Dials)
Air Connections	Two (Supply, and Output)
Special Features	Single dial adjusts both set points

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