

T-4002

Single Temperature High Volume Output Thermostat

Description

The T-4002 Thermostat is a high volume output, single temperature thermostat.

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

Repair Information

If the T-4002 Thermostat fails to operate within its specifications, replace the unit. For a replacement thermostat, contact the nearest Johnson Controls® representative.



T-4002 Single Temperature High Volume Output Thermostat

Features

- available in Direct Acting (DIR) and Reverse Acting (REV) models
- includes Fahrenheit dial
- available in vertical or horizontal model

Selection Charts

T-4002 Thermostats¹

Code Number	Description
T-4002-201	Direct Acting, Horizontal Mounting
T-4002-202	Reverse Acting, Horizontal Mounting
T-4002-203	Direct Acting, Vertical Mounting
T-4002-204	Reverse Acting, Vertical Mounting

1. Order cover and mounting bracket separately.

Commonly Used Accessories for T-4002 (Part 1 of 2)

Code Number	Description
T-4002-124	Room instrument mounting bracket for surface-mounting thermostats and covers; includes drywall clips, spacers, and mounting templates (must be ordered in multiples of ten)
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 multiples of ten)
T-4002-123	Terminal Connector, with angle fittings for surface mounted thermostats with exposed tubing (must be ordered in multiples 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 Johnson Controls Logo, 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)

Commonly Used Accessories for T-4002 (Part 2 of 2)

Code Number	Description
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)
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

T-4002 Single Temperature High Volume Output Thermostat	
Sensitivity	Adjustable from 0.75 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 20 psig (140 kPa)
Dial Range	55 to 85°F
Air Connections	Two (Supply and Output)