Energy Manager Heating-Cooling High Volume Output Thermostat Catalog Page

LIT-1921670

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Description

The T-4054 Heating-Cooling, Energy Manager Thermostat is a high volume output, with an adjustable deadband of 0 to 30°F (0 to 16°C) between heating and cooling set points.

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

Features

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

Repair Information

If the T-4054 Heating-Cooling, Energy Manager 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-4054 Thermostat selection chart[1]

Code Number	Description
T-4054-1	Direct Acting
T-4054-2	Reverse Acting

1 Order cover and mounting bracket separately.

Table 2: Commonly Used Accessories for T-4054 selection chart

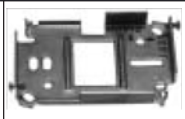
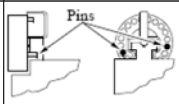
Code Number		Description
T-4002-124		Room instrument mounting bracket for surface-mounting thermostats and covers; includes drywall clips, spacers, and mounting templates
T-4002-122		Terminal Connector, with two straight fittings for plug-in connection to 5/32 in. O.D. polyethylene tubing
T-4002-123		Terminal Connector, with angle fittings for surface mounted thermostats with exposed tubing
T-4002-5003		Restricted adjustment pin (100/kit) restricts adjustment of set point dial
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-4756-2141		Beige Plastic Cover, Horizontal, 2 set point windows (no thermometer)
T-4756-1738		Beige Plastic Cover, Horizontal, 2 set point windows with thermometer

Table 2: Commonly Used Accessories for T-4054 selection chart

Code Number		Description
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-4756-2145		Beige Plastic Cover, Vertical, 2 set point windows (no thermometer)
T-4756-1739		Beige Plastic Cover, Vertical, 2 set point window with thermometer

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

Technical Specifications

Table 3: T-4054 Heating-Cooling, Energy Manager Thermostat technical specifications

Specification	Description
Sensitivity	Adjustable from 1 to 3 psig/°F (12 to 38 kPa/°C) Factory set at approximately 2.5 psig/°F (32 kPa/°C)
Flow Capacity	400 SCIM (107 mL/s)
Air Consumption	38 SCIM (10 mL/s)
Supply Pressure	13 to 25 psig (91 to 175 kPa) Nominal 20 psig (140 kPa)
Dial Range	55 to 85°F (Two Dials)
Air Connections	Two (Supply and Output)
Deadband	Adjustable Deadband between 5 and 12 psig (35 to 84 kPa)

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