

T-4003

Submaster High Volume Output Thermostat

Description

The T-4003 Submaster Thermostat is a high volume proportional thermostat. The T-4003 can be reset from a remote location, or in accordance with a referenced temperature variation.

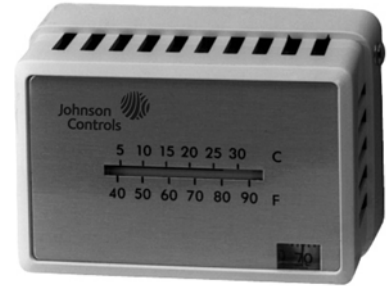
Refer to *T-4000 Series Pneumatic Room Thermostat Product Bulletin (LIT-7171060P)* for important product information.

Features

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

Repair Information

If the T-4003 Submaster Thermostat fails to operate within its specifications, replace the unit. For a replacement thermostat, contact the nearest Johnson Controls® representative.



T-4003 Submaster Thermostat

Selection Charts

T-4003 Submaster Thermostat¹

Code Number	Description
T-4003-201	Direct Acting, Horizontal Mounting
T-4003-203	Reverse Acting, Horizontal Mounting

1. Order cover and mounting bracket separately.

Commonly Used Accessories for T-4003

Code Number		Description
T-4002-124		Room instrument mounting bracket for surface-mounting thermostats and covers; includes drywall clips, spacers, and mounting templates
T-4512-100		Terminal Connector, with three straight fittings for plug-in connection to 5/32 in. O.D. polyethylene 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-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

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

Technical Specifications

T-4003 Submaster High Volume Output Thermostat	
Sensitivity	Fixed at approximately 2.5 psig/°F (32 kPa/°C)
Remote Reset	Adjustable from 0.15 psig to 2.5 °F/PSI (1.8 to 30°C/kPa)
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)
Master Pressure	Variable Input 0 to 20 psig (0 to 140 kPa)
Dial Range	55 to 85°F
Air Connections	Three (Supply, Output, Remote Reset Input)