T-4600 Energy Manager Heating-Cooling Low Volume Output Thermostat Catalog Page

LIT-1921705

2020-01-07



Description

The T-4600 Thermostat is a low volume output, energy managing, heating-cooling thermostat. The independent setpoints can result in a deadband to encourage energy conservation by eliminating heating and cooling overlap.

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

Repair Information

If the T-4600 Energy Manager Heating-Cooling Low Volume Output Thermostat fails to operate within its specifications, replace the unit. For a replacement thermostat, contact the nearest Johnson Controls® representative.

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Features

- mounts vertically
- available in Fahrenheit or Celsius models
- two outputs
- adjustable sensitivities
- adjustable set points
- available in these models:
    - Dual Direct
    - Dual Reverse
    - Direct and Reverse

Selection Charts

Table 1: T-4600 Thermostat

Code Number	Description
T-4600-1	Direct Acting, Fahrenheit
T-4600-2	Reverse Acting, Fahrenheit
T-4600-3	Direct Acting, Celsius
T-4600-5	Direct and Reverse, Fahrenheit
T-4600-6	Direct and Reverse, Celsius

Table 2: Accessories for T-4600

Code Number	Description
R-3710 Series (two required)	0.005 or 0.007 inch Restrictors

Technical Specifications

Table 3: T-4600 Energy Manager Heating-Cooling LOw Volume Output 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	45 SCIM (12 mL/s) with .007 in. Restrictor25 SCIM (7 mL/s) with .005 in. Restrictor
Air Consumption	50 SCIM (14 mL/s) or 90 SCIM (24 mL/s) depending on Restrictor
Supply Pressure	13 to 25 psig (91 to 175 kPa) Nominal 20 psig (140 kPa)
Dial Range	55 to 85°F or 12 to 28°C
Air Connections	Two Restricted Supply/Output for Heating and Cooling

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