

T-4600

# Energy Manager Heating-Cooling Low Volume Output Thermostat

## 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.

## Selection Charts

### 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

### Accessories for T-4600

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

## 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



**T-4600 Energy Manager Heating-Cooling Low Volume Output Thermostat**

## Technical Specifications

T-4600 Energy Manager Heating-Cooling LOW Volume Output Thermostat	
<b>Sensitivity</b>	Adjustable from 1 to 3 psig/°F (12 to 38 kPa/°C) Factory set at approximately 2.5 psig/°F (32 kPa/°C)
<b>Flow Capacity</b>	45 SCIM (12 mL/s) with .007 in. Restrictor 25 SCIM (7 mL/s) with .005 in. Restrictor
<b>Air Consumption</b>	50 SCIM (14 mL/s) or 90 SCIM (24 mL/s) depending on Restrictor
<b>Supply Pressure</b>	13 to 25 psig (91 to 175 kPa) Nominal 20 psig (140 kPa)
<b>Dial Range</b>	55 to 85°F or 12 to 28°C
<b>Air Connections</b>	Two Restricted Supply/Output for Heating and Cooling