Room Temperature Transmitter Catalog Page

LIT-1921590

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Description

The T-5002 Series Room Transmitters measure space or mass temperature and transmit a proportional 3 to 15 psig (21 to 105 kPa) pneumatic output signal to an indicator, receiver-controller, or Building Automation System (BAS) for automatic temperature control. The space transmitters measure the temperature of the ambient air; the mass transmitters measure the surface temperature of the walls surrounding the space and transmit the signal to an optional start controller.

Refer to *T-5002 Room Temperature Transmitter Product Bulletin (LIT-7171070)* for important product information.

Features

- requires no field adjustment
- provided with barbed fittings for direct air line connections with 5/32 in. O.D. tubing
- available with optional plug-in terminal

Repair Information

If the T-5002 Series Room Transmitter fails to operate within its specifications, replace the unit. For a replacement room transmitter, contact the nearest Johnson Controls® representative.

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Selection Charts

Table 1: T-5002 Series Room Transmitter

Code Number	Description	
T-5002-201	Space Temperature, Direct Acting	Range 50 to 100°F
T-5002-202		Range 60 to 85°F
T-5002-300		Range 10 to 35°C
T-5002-205[1]	Mass Temperature	Direct Acting, Range 20 to 70°F
T-5002-203[1]		Reverse Acting, Range 120 to 70°F

1 Includes solid plastic cover (no vents) for mass temperature sensing.

Table 2: Accessories and Maintenance Parts for T-5002

Code Number	Description	
T-4002-617	Screws	#4-40 x 1/4 in. Socket Screws for Mounting Brackets and Covers (Order in Multiples of 100)
T-4000-627		#4-40 x 1/4 in. Hex Tamper Proof Screws (50 Screws with Driver)

Note: For a list of transmitter covers, see *T-4000 Covers (For Use With H-4100 and H-5100 Series Humidity Instrument Covers)*.

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