

T28 Series Fan Coil Thermostat (with or without Fan Selector Switches)

Description

This thermostat controls light duty line voltage fan coil or baseboard valves on heating, cooling, and heating-cooling systems. The thermostat can control one or two valves directly. These thermostats are rated for 120, 208, or 240 VAC at 50 to 60 Hz.

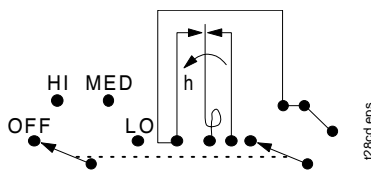
Refer to the *T28 Series Fan Coil Thermostats Product Bulletin (LIT-125650)* for important product application information.

Features

- precision, snap-acting contacts
- heating and cooling anticipation
- cooling and heating-cooling models have an interlocked fan off position

Applications

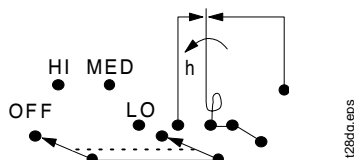
Use for line voltage control of heating and cooling equipment.



T28CD
Heating-Cooling Thermostat
with Off-Hi-Med-Lo Fan Switch



T28CD Thermostat



T28DG
Sequenced Heating-Cooling Thermostat
with Off-Hi-Med-Lo Fan Switch

Repair Information

If the T28 Series Fan Coil Thermostat (with or without Fan Selector Switches) fails to operate within its specifications, replace the unit. For a replacement thermostat, contact the nearest Johnson Controls® representative.

Selection Chart

Product Code Number	Fan Switch	Shipping Weight, lb (kg)
Cooling		
T28BD-1C	Off-Hi-Med-Lo	1.3 (0.59)
Heating-Cooling (Remote changeover, Single valve for heating and cooling)¹		
T28CD-1C	Off-Hi-Med-Lo	1.3 (0.59)
Heating-Cooling, Sequenced (Automatic changeover, Separate valves for heating and cooling)²		
T28DA-1C	None	1.0 (0.45)
T28DB-1C¹	Off-On	1.3 (0.59)
T28DD-1C¹	Off-Hi-Med-Lo	1.3 (0.59)
T28DG-1C³	Off-Hi-Med-Lo	1.3 (0.59)

1. Off position of fan switch interlocks to turn off cooling.

2. For automatic changeover where one valve functions for heating or cooling, use A19CAC-2 Strap-On Changeover Control.

3. Off position of fan switch interlocks to turn off both heating and cooling.

Technical Specifications

The T28 mounts on a standard, double outlet box.

Nominal operating differential at 0.6°F (0.3°C) heating, 1°F (0.6°C) cooling on standard 120 VAC fan coil valves.

Sequenced models have 6°F (3.3°C) differential from heat on to cool on.

Electrical Ratings – Ampere

VAC	Thermostat				Fan Switch	
	Cooling		Heating		Full Load Amperes	Locked Rotor Amperes
	Normal	Inrush	Normal	Inrush		
120	0.32	1.0	0.12	0.36	5.8	34.8
208	0.18	0.57	0.07	0.21	3.3	19.8
240	0.16	0.50	0.06	0.18	2.9	17.4