

T1000 Series Room Thermostats

Features

- Aesthetic styling
- Constant and close temperature differential provided by bellow-type sensor
- No heat anticipators required
- System "OFF" position breaks all circuits
- One model for either 2-pipe or 4-pipe manual cool-off-heat application
- All slide switches for ease of operation
- Easy to wire to numbered terminals

Mounting

The T1000 Series room thermostats can be surface mounted or secured to a standard American 2"x 4" single gang box or a standard European 75 x 75 x 35 mm electrical box. See Fig. 2: Mounting Details. Two mounting screws are included.

General

The T1000 Series room thermostats are available in 2 basic models for low or line voltage control of valves, relays and fan motors in fan coil units, heat pumps and packaged units for commercial, industrial and residential installations.

The thermostat operates an on/off valve to maintain room temperature at the desired set point.

While Model T1002 is factory set for 2-pipe manual cool-off-heat application, removing the wire jumper between Terminals 7 and 8 will convert the thermostat to 4-pipe manual cool-off-heat application.

Ordering Instruction

To order, specify complete product model number.



Specifications

Model Numbers	T1001	On-Off, 3-speed Fan, Single Output, Cooling Only or Heating Only, 2-pipe System
	T1002	Cool-Off-Heat, 3-speed Fan, Single or Dual Outputs, Manual Cooling/Heating Changeover, 2-pipe or 4-pipe System
Nominal Operating Differential	Approximately 1 K	
Range	10-30 °C Linear	
Sensing Element	Bellow-type, Single-pole Double-throw Switch	
Fan Output	Continuous, Selectable at High, Medium or Low Speed	
Body Material	Self-extinguishing, Molded ABS	
Finish	Off White Color	
Electrical Ratings	Thermostat	10 A Resistive, 2.5 A Inductive, 24 to 250 V 50/60 Hz
	Switches	10 A Resistive, 2 A Inductive, 24 to 250 V 50/60 Hz
Ambient / Storage Temperature Limits	0 to 50 °C / -30 to 50 °C	
Wire Connections	Screw-down Connectors, wire size 1 mm ² or 18 AWG solid copper recommended	
Agency Approval	CE Mark Compliant to EMC and Low Voltage Directives	
Shipping Weight	0.24 kg (0.53 lb)	
Dimensions	See Fig. 3: Dimensions in mm	

The performance specifications above are nominal and subject to tolerances and application variables of generally acceptable industry standards. Mega Controls shall not be liable for damages resulting from misapplication or misuse of its products.

Figure 1: Wiring Diagrams

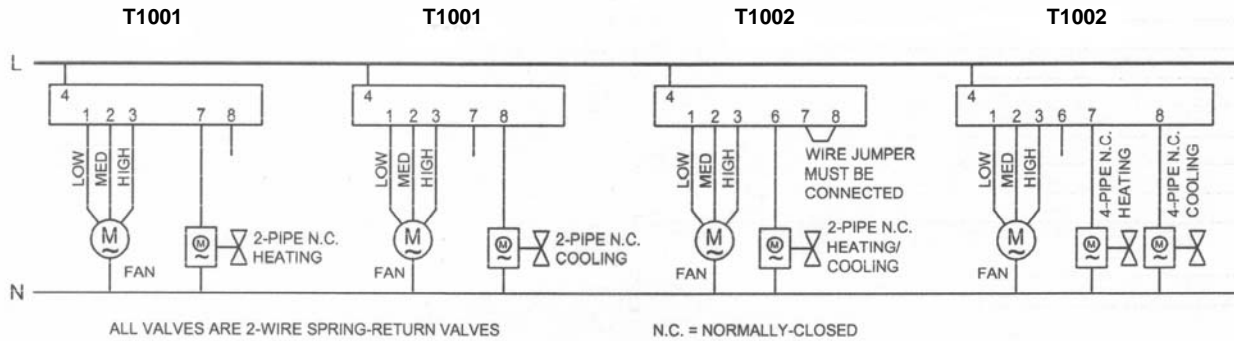


Figure 2: Mounting Details

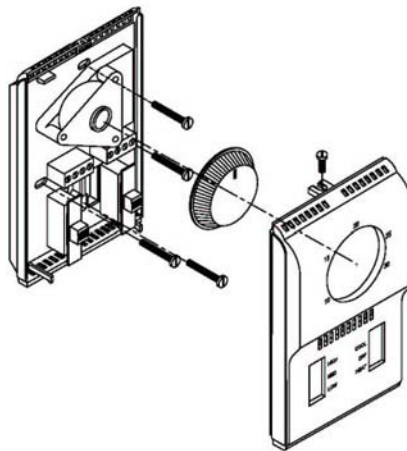
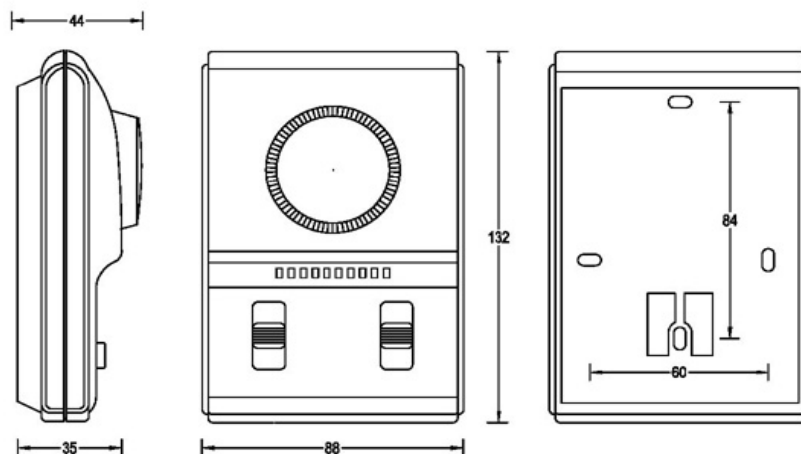


Figure 3: Dimensions in mm



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