

T1000A 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
- All slide switches for ease of operation
- Easy wiring to numbered terminals

Mounting

The T1000A 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. 3: Mounting Details. Two mounting screws are included.

General

The T1000A 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.

The fan running is controlled by the thermostat and cycles automatically according to the room temperature conditions.

Ordering Instruction

To order, specify complete product model number.



Specifications

Model Numbers	T1001A	On-Off, 3-speed Fan, Single Output, Cooling Only or Heating Only, 2-pipe System
	T1002A	Cool-Off-Heat, 3-speed Fan, Single Output, Manual Cooling/Heating Changeover, 2-pipe System
Nominal Operating Differential	Approximately 1 K	
Range	10-30 °C Linear	
Sensing Element	Bellow-type, Single-pole Double-throw Switch	
Fan Output	Cycled by Thermostat, Selectable at High, Medium or Low Speed	
Body Material	Self-extinguishing, Molded ABS	
Finish	Off White Color	
Electrical Ratings	Thermostat	6 A Resistive, 2.5 A Inductive, 24 to 250 V 50/60 Hz
	Switches	6 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	Non-removable Terminals, Wire Size 1 mm ² or 18 AWG Solid Copper Recommended	
Agency Approval	CE Mark Compliant to Low Voltage Directive	
Shipping Weight	0.24 kg (0.53 lb)	
Dimensions	See Fig. 2: 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

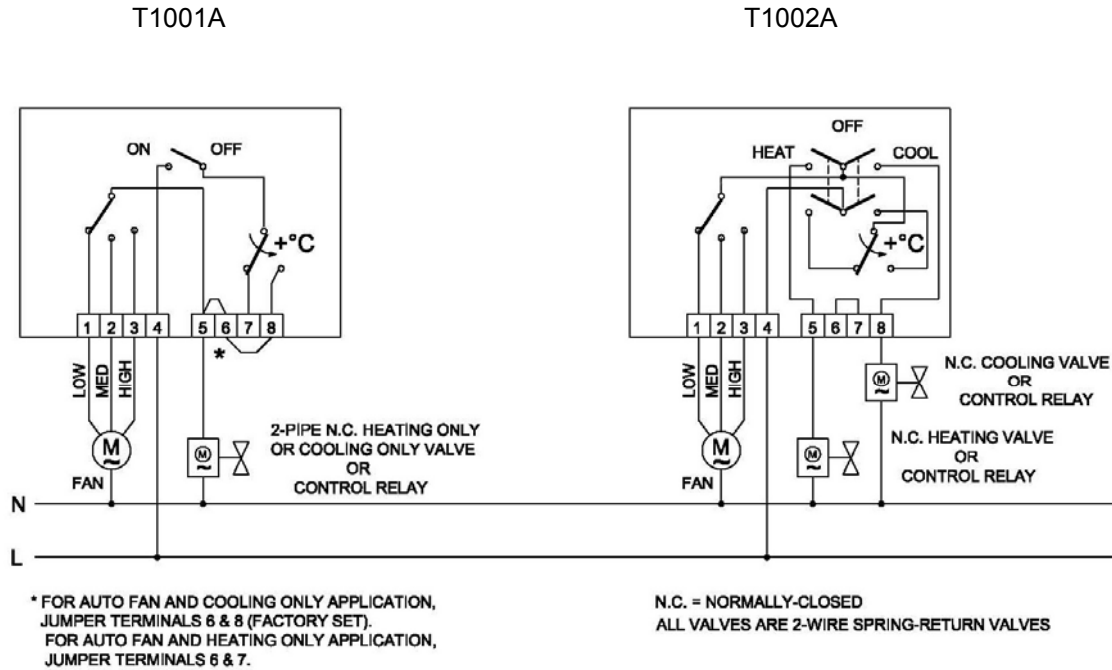


Figure 2: Dimensions in mm

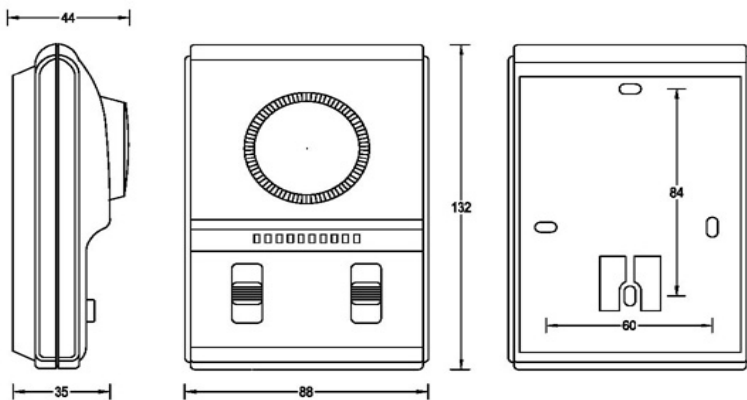
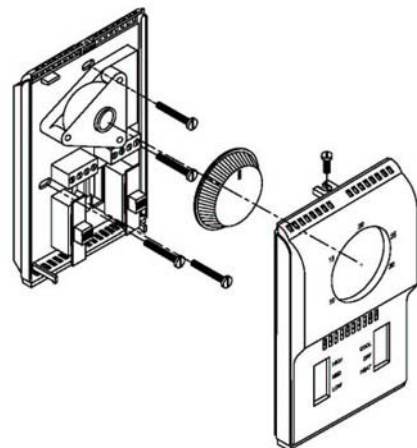


Figure 3: Mounting Details



Mega Controls Limited

Room 2505, Trend Centre

29 Cheung Lee Street, Chai Wan, Hong Kong

Phone: +852 2896 7277 Fax: +852 2896 7234

E-mail: sales@megacontrols.com

Website: www.megacontrols.com