

# Thermostats—Electromechanical Non-Programmable

## T834; T8034 Thermostats

For low voltage control of single-stage heating, cooling or heating-cooling systems.

- Integral switches control system and fan switching.
- T834Cs have vented cover for improved temperature sensing.
- Mount directly on wall or on vertical outlet box (T834C, T834G) or horizontal outlet box (T8034C) using mounting plate to prevent electrical shorts.
- Include new probe holes to aid checkout and service work.



T834C



T8034C

### ELECTRICAL RATINGS:

Heating: 0.18 to 1.0A at 30 Vac maximum.

Cooling: 1.5A running, 7.5A inrush at 25 Vac.

### Anticipator Setting:

Heating: (all models except T834C2309 and T8034C1275) —adj. 0.18 to 1.0A; T834C2309, T8034C1275—adj. 0.3 to 1.2A.

Cooling: fixed, 24 to 30 Vac.

### TEMPERATURE RATINGS:

Scale Range:

T834C; T8034C: 55 F to 95 F (13 C to 35 C).

T834G: Warmer, Cooler 1-2-3-4-5.

### SWITCHING ACTION:

R to W on temperature fall for heating.

R to Y on temperature rise for cooling.

Dustproof, spdt mercury switch.

### DIMENSIONS, APPROXIMATE:

	Width		Height		Depth	
	in.	mm	in.	mm	in.	mm
T834C	2 <sup>7</sup> / <sub>8</sub>	73	4 <sup>3</sup> / <sub>4</sub>	121	1 <sup>9</sup> / <sub>16</sub>	33
T8034C	4 <sup>3</sup> / <sub>4</sub>	121	2 <sup>7</sup> / <sub>8</sub>	73	1 <sup>9</sup> / <sub>16</sub>	33

### ACCESSORIES:

200581A Wallplate for T8034C; covers mounting marks left by old thermostats.

Thermostat Guards: See Index for specific page numbers.

See Parts and Accessories at the end of this section.

\*TRADELINE models. • SUPER TRADELINE models.

Order Number	Application	Switch Positions		Terminal Designations	Mounting	Finish
		Fan	System			
*T834C1137	For standard heating-cooling systems.	ON-AUTO	HEAT-OFF-COOL	R,G,W,Y	Vertical	Classic beige
*T834C1541	Optional automatic fan in heating and cooling, or fan on in cooling only; dual fuel capability—electric heat (jumper 1-2) applications.			R,G,W,Y,1,2		
•T834C2267	Optional automatic fan in heating and cooling, or fan on in cooling only; triple fuel capability—conventional (jumper 1-Y), electric or single stage heat pump (jumper 1-2) applications.	AUTO-ON		R,G,Y,W,1,2,O,B		Premier White
*T834C2309	For standard heating-cooling systems. 0.3 to 1.2A heat anticipator range.	ON-AUTO		R,G,W,Y		Classic beige
T834C2390	For heating-cooling systems. Dual fuel capability. No thermometer.			R,G,W,Y,1,2		
•T834C2473	For single stage heat pump systems with only a single transformer; .15 to 1.2 A heat anticipator range.	AUTO-ON		R,G,Y,W,1,2,O,B		Taupe
•T834C2499	For standard heating-cooling systems. Heat anticipation provided by adjustable heater in series.			R,G,Y,W,1,2,O,R		Premier White
*T834G1000	For evaporative cooling applications. Replaces T822C1181/Q634J1005.	HI-LO	COOL-VENT-PUMP-OFF	R,G,Y,F		Classic beige
*T8034C1085	For two transformer systems; jumper R <sub>H</sub> and R <sub>C</sub> for single transformer systems.	ON-AUTO	HEAT-OFF-COOL	R <sub>C</sub> ,R <sub>H</sub> ,G,W,Y	Horizontal	
*T8034C1093 <sup>a</sup>	Optional automatic fan in heating and cooling, or fan on in cooling only; dual fuel capability—electric heat (jumper 1-2) applications.			R,G,W,Y,1,2		
•T8034C1226	Optional automatic fan in heating and cooling, or fan on in cooling only; triple fuel capability—conventional (jumper 1-Y), electric or single stage heat pump (jumper 1-2) applications.	AUTO-ON		R,G,Y,W,1,2,O,B		Premier White
•T8034C1234						Classic beige
•T8034C1275	Same as T8034C1234 except 0.3 to 1.2A heat anticipator range.					
T8034C1341	Three-wire thermostat for heating-cooling applications. No thermometer; .18 to 1.0A heat anticipator range.	ON-AUTO		R,G,W,Y,1,2		Premier White
•T8034C1424	Three wire thermostat for single stage heat pump systems with only a single transformer; .15 to 1.2A heat anticipator range.	AUTO-ON		R,G,Y,W,1,2,O,B		Taupe
•T8034C1481	Three wire thermostat for heating-cooling systems.			R,G,Y,W,1,2,O,R		Premier White

<sup>a</sup>Includes wallplate for covering mounting marks left by old thermostat.