

Thermostats—Electromechanical Non-Programmable

T834; T8034 Thermostats



T834C



T8034C

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.

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.

*TRADELINE models. ●SUPER TRADELINE models.

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	2-7/8	73	4-3/4	121	1-5/16	33
T8034C	4-3/4	121	2-7/8	73		

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.

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
●T834C2473	Triple fuel rated with O and B terminals, optional fan in heating and cooling or fan on in cooling only—conventional heating (jumper 1-Y), electric heat or single stage heat pump (jumper 1-2). New wider heat anticipator range of 0.15 to 1.2A.	AUTO-ON		R,G,Y,W,1,2,O,B		Taupe
●T834C2499						
*T8034C1085	For two transformer systems; jumper R _H and R _C for single transformer systems.	ON-AUTO		R _C ,R _H ,G,W,Y	Horizontal	Classic beige
T8034C1341	Three-wire thermostat for heating-cooling applications. No thermometer; 0.18 to 1.0A heat anticipator range.			R,G,W,Y,1,2		Premier White
●T8034C1424	Triple fuel rated with O and B terminals, optional fan in heating and cooling or fan on in cooling only—conventional heating (jumper 1-Y), electric heat or single stage heat pump (jumper 1-2). New wider heat anticipator range of 0.15 to 1.2A.	AUTO-ON		R,G,Y,W,1,2,O,B		Taupe
●T8034C1481						

^a Includes wallplate for covering mounting marks left by old thermostat.