

## Mercury Free T822 Econo Thermostats



Heat-Off



No Heat-Off

Thermostats provide 24 Vac control of heating or cooling systems.

- Vented cover for improved temperature sensing.
- Setting lever and thermometer scale on thermostat face.
- Mounts directly on the wall or on vertical outlet box.
- Integrated thermometer and setting scale.

**Dimensions, Approximate:** 4 3/4 in. high x 2 7/8 in. wide x 1 3/8 in. deep (121 mm high x 73 mm wide x 35 mm deep)

**Accuracy:** ±2 F (±1 C)

**Current (Heating):** 0.02 A to 1.0 A running

**Electrical Ratings:** 20-30 Vac

**Switch Type:** Precision Snap Action

**Switching Action:** SPST

**Sensor Element:** Bimetal

**Accessories:**

**50019661-001** Temperature Range Stop Assembly.

Product Number	Application	Color	Mounting	Switch Positions		Terminal Designations	Stages	Setting Temperature Range (F)	
				System	Fan			(F)	(C)
T822K1000	Heat Only	Premier White®	Vertical	HEAT-OFF	—	R, W	1 Heat	45 to 95F	—
T822K1018	Heat Only	Premier White®	Vertical	—	—	R, W	1 Heat	45 to 95F	—

## T812; TS812 Heating and/or Cooling Thermostats



Heat Only



1 Heat/1 Cool

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

- Snap-acting bimetal switch uses no mercury and does not require leveling.
- Thermostat is streamlined and economical.
- Model available for 12 Vdc (T812B) and 750 mV (TS812).
- Includes dealer logo pocket.

**Dimensions, Approximate:** 3 1/8 in. high x 3 1/8 in. wide x 7/8 in. deep (79 mm high x 79 mm wide x 23 mm deep)

**Operating Humidity Range (% RH):** 5 to 90% RH

**Accuracy:** ±3 F (±1.5 C)

**Electrical Ratings:** 18 to 30 Vac

T812B1001 is for 12 Vdc systems

TS812A1007 is for 750 mV systems

**Ambient Temperature Range:** 45 F to 95 F (7 C to 35 C)

**Switch Type:** Snap action

**Switching Action:** SPST

**Current (Heating):** 1.0A running, 2.5A inrush at 24 Vac

**Current (Fan):** 1.0A running, 5A inrush at 24 Vac

**Sensor Element:** Bimetal

**Accessories:**

**50005625-001** Premier White® Cover Plate Assembly 4 3/4 in. (120 mm) x 4 3/4 in. (120 mm)

Product Number	Application	Color	Mounting	Switch Positions		Terminal Designations	Stages	Setting Temperature Range	
				System	Fan			(F)	(C)
T812A1002	Heat Only	Premier White®	Square	—	—	W, R	1 Heat	45 to 95	7 to 35
T812A1010	Heat Only	Premier White®	Square	Positive Off	—	W, R	1 Heat	45 to 95	7 to 35
T812B1001	Heat Only	Premier White®	Square	Positive Off	—	W, R	1 Heat	45 to 95	7 to 35
T812C1000	1 Heat/1 Cool Conventional	Premier White®	Square	OFF-HEAT-COOL	AUTO-ON	R, W, Y, G	1 Heat/1 Cool	45 to 95	7 to 35
T812D1009	Cool Only	Premier White®	Square	—	—	Y, R	1 Cool	45 to 95	7 to 35
TS812A1007	Heat Only	Premier White®	Square	Positive Off	—	R, W	1 Heat	45 to 95	7 to 35