

Specific Purpose Thermostats

Some of the more popular thermostats available from CCI Thermal are shown below.

Room thermostats are normally wall mounted to sense room ambient temperature. Various models are available: some can switch line voltage resistive loads up to 600VAC, some are designed for 24VAC low voltage systems and others have 0-135 Ω proportional outputs for step controls and SCR's.



Figure 1



Figure 2



Figure 3

Remote bulb controls normally mount on ducts, tanks, boilers, ovens, etc. and are also available in models for line voltage or pilot duty switching and with proportional outputs.

To Order Specify

Quantity, catalog number and any special features.



Figure 4



Figure 5



Figure 6

Room Thermostats

Fig. No.	Temp. Range °C (°F)	Contact Rating	Features	Catalog No.
1	5 to 25 (40 to 80)	21A 240VAC S.P.S.T.	- Standard leads - Snap action switch - Heat anticipator	T498A1786
1	5 to 25 (40 to 80)	21A 240VAC D.P.S.T.	- Standard leads - Snap action switch - Heat anticipator	T498B1652
2	13 - 30°C (55 to 85)	21A 240VAC S.P.S.T.	- Locking screw - Thermometer - Heavy duty	196-12
3	13 to 32 (55 to 90)	25A 277VAC 15A 600VAC D.P.S.T.	- Breaks 1 pole thermostatically - Breaks 1 pole mechanically - Heavy duty	TC620
3	13 to 32 (55 to 90)	15A 600VAC T.P.S.T.	- Breaks 2 poles thermostatically - Breaks 1 pole mechanically - Heavy duty	TC630
4	10 to 30 (50 to 86)	0 - 135 Ohms	- Proportional for step control or SCR	T921A1522

Electronic Remote Bulb Thermostat

Fig. No.	Temp. Range °C (°F)	Contact Rating	Features	Catalog No.
5	-29 to 116 (-20 to 240)	10A 120V 5A 240V	- Electronic 4 stage c/w sensor	T775A1035

Two Stage Thermostat

Fig. No.	Temp. Range °C (°F)	Contact Rating	Capillary Length in (mm)	Catalog No.
6	-15 to 35 (5 to 95)	200VA 240VAC Pilot Duty	236 (6000)	T678A1163
6	15 to 75 (59 to 167)		236 (6000)	T678A1403
6	75 to 125 (167 to 257)		59 (1500)	T678A1239

Proportional Thermostat

Fig. No.	Set Point °C (°F)	Throttling Range °C (°F)	Capillary Length in (mm)	Catalog No.
Copper Capillary And Bulb [1/2" Dia. x 4 13/16" (13 mm x 21 mm)]				
6	-18 to 38 (0 to 100)	1.7 to 16.7 (3 to 30)	236 (6000)	T991A1012
6	-34 to 21 (-29 to 70)	1.7 to 16.7 (3 to 30)	59 (1500)	T991A2044
6	13 to 79 (55 to 174)	1.9 to 20 (3.5 to 36)	236 (6000)	T991A1194
6	71 to 127 (160 to 261)	1.9 to 20 (3 to 30)	59 (1500)	T991A1061
6	71 to 127 (160 to 261)	1.7 to 16.7 (3 to 30)	236 (6000)	T991A10479
6	13 to 79 (55 to 174)	1.9 to 20 (3 to 30)	59 (1500)	T991A1186

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Controls & Accessories