








Detroit Radiant Products Company



Thermostat Submittal Data & Specifications

Additional information & wiring diagrams are available at www.detroitradiant.com.






Single Stage Thermostats

Qty.	Model	Range	Differential	Contact Action	Electrical Rating	Dimensions	Operation	Approvals
	 TH-ET5	35° - 75°F	Heat approx. 2°F	Opens on rise	24-277 VAC 22 amp Non-inductive	Height = 4.75" Width = 2.75" Depth = 2.75"	Single stage Low voltage High voltage	UL Listed CSA Certified
		Rugged plastic construction. Non-adjustable, bi-metal operative snap switch. Quick response.						
	 TH-PSPLV	45° - 90°F	± 1°F adjustable	Opens on rise	120-240 VAC 16 amp max. Non-inductive	Height = 4.7" Width = 2.7" Depth = 2.4"	Single stage Line voltage	UL Listed
		Separate 5-day (weekday) and 2-day (weekend) programming. Program override with vacation hold.						
	 TH-1F78	45° - 90°F	0.6° - 1.9°F adjustable	Opens on rise	17-30 VAC 1.5 amp max.	Height = 3.75" Width = 5.1" Depth = 1.1"	Single stage Low voltage Millivolt	N/A
		Separate 5-day (weekday) and 2-day (weekend) programming. "Energy Star" compliant.						
	 TH-T87	30° - 70°F	0.6° - 1.6°F adjustable	Opens on rise	17-30 VAC .1-1.2 amps per terminal	Height = 3.5" Width = 3.5" Depth = 2.35"	Single stage Low voltage	N/A
		Locking cover with adjustable temperature range stops.						
	 TH-1F80	45° - 90°F	N/A	Opens on rise	30 VAC .5 -1.5 amps	Height = 4.5" Width = 6.6" Depth = 1.35"	Single stage Low voltage Millivolt	N/A
		Separate 5-day (weekday) and 2-day (weekend) programming.						
	 TH-PSD	45° - 90°F	+/- 0.5°F fixed	Opens on rise	System powered only. 1.5 amps at 24VAC	Height = 3.25" Width = 5.05" Depth = 1.10"	Single stage Line voltage	Meets relevant CE specifications.
		Digital non-programmable thermostat large back-lit display. Thermostat requires constant 24V power; batteries not required.						
	 TF-115	40° - 110°F	3°F fixed	Opens on rise	120 VAC - 16 amps 240 VAC - 12 amps	Height = 7" Width = 3" Depth = 5"	Single stage Line voltage	UL Listed CSA Certified
		Rugged weather resistant. Multi-positional mounting ability. NEMA 4 rated.						


Advanced Controls

Qty.	Model	Range	Differential	Contact Action	Electrical Rating	Dimensions	Operation	Approvals
	 TH-1F95-TS	45° - 90°F	.5-1.5°F adjustable	Opens on rise	24VAC	Height = 4.5" Width = 6.875" Depth = 1.375"	Two stage Low voltage	N/A
		7-day programmable. Optional remote sense (one per thermostat).						
	RS-F145	Remote sensor for use with TH-1F95-TS. Up to 200 ft. remote sense. For indoor use only.						
	RS-F145-OD	Remote sensor for use with TH-1F95-TS. Up to 200 ft. remote sense. For outdoor use.						
		State-of-the-art pre-programmed building management system. Some features include a secure LCD user interface with keypad, 4 daily set points, runtime tracking and is housed in a durable attractive enclosure.						
	PCOX-42	Accommodates up to 4 single stage or 2 two stage heater zones. Max. of 20 single stage or 10 two stage heaters per zone.						
	PCOX-84	Accommodates up to 8 single stage or 4 two stage heater zones. Max. of 20 single stage or 10 two stage heaters per zone.						
	PCOX-126	Accommodates up to 12 single stage or 6 two stage heater zones. Max. of 20 single stage or 10 two stage heaters per zone.						
	PCOX-OP	Wall mount display enable communication with PCOX up to 1600 ft. Zone management via graphic display and keypad.						
	PCOX-RS	Deluxe wall mount 24V remote sensor. 14°-158°F range. Delivers a 4-20mA signal to controller up to 300 ft. 10Kohm.						
	PCOX-ORS	Outdoor deluxe wall mount 24V remote sensor. 14°-158°F range. Delivers a 4-20mA signal to controller up to 300 ft. 10Kohm.						




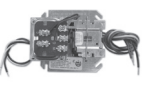

Two Stage Thermostats

Qty.	Model	Range	Differential	Contact Action	Electrical Rating	Dimensions	Operation	Approvals
	 ETD-5M	35° - 75°F	2°F fixed	Opens on rise	22 amps 24/125/277 VAC	Height = 4.75" Width = 2.75" Depth = 2.75"	Two stage Low voltage	UL Listed CSA Certified
Snap-action switch, single or double pole with positive off.								
	 TH-D152	45° - 90°F	2°F fixed	Opens on rise	Millivolt or 24V 1.5 amps max.	Height = 4.5" Width = 2.75" Depth = 1.5"	Two stage Low voltage	N/A
Non-programmable digital thermostat.								
	 TH-109	40°F - 100°F	2°F fixed	Opens on rise	24 VAC, 20 FLA 120 VAC, 16 FLA 240 VAC, 12 FLA 277 VAC, 10 FLA	Height = 7.34" Width = 3.46" Depth = 4.89"	Two stage Low voltage	UL Listed CSA Certified
Type 300 Series stainless coiled temperature sensing bulb, two piece plastic enclosure with all exposed parts made of stainless steel, meets NEMA 4X equipment requirements.								
	 TH-1F81	45° - 90°F	0.6° - 1.6°F adjustable	Opens on rise	20-30 VAC 1.5 amps max.	Height = 2.75" Width = 4.5" Depth = 2.35"	Two stage Low voltage	N/A
"Energy Star" compliant.								
	 PSP-722	40° - 90°F	.25°F - 2.25°F adjustable	Opens on rise	30V max. (24 VAC Nominal) 1.5 amps max. per terminal 2.0 amps terminal sum	Height = 4.3" Width = 5.85" Depth = 1.2"	Single stage Two stage Low voltage	N/A
7- day programmable - 4 periods per day. "Energy Star" compliant.								

Millivolt Thermostats

Qty.	Model	Range	Differential	Contact Action	Electrical Rating	Dimensions	Operation	Approvals
	 RK-130	35° - 75°F	N/A	Opens on rise	Millivolt - 30 1 amp max	Height = 3" Width = 3" Depth = 1.13"	Single stage Low voltage Millivolt	N/A
Quick response. Positive off.								

Miscellaneous

Qty.	Model	Description	Dimensions	Operation	Approvals
	 F29GRD	White Rodgers thermostat guard. Clear plastic material with two locking keys. Mount (vertical or horizontal) to exposed "J" box. Includes hardware. Note: Ensure guard is compatible with thermostat dimensions.	Height = 5.375" Width = 8.25" Depth = 3.5"	N/A	N/A
	 MTGRD	White Rodgers thermostat metal guard. Beige metal material with (2) locking keys. Mounts (vertical or horizontal) to exposed "J" box. Includes hardware. Note: Ensure guard is compatible with thermostat dimensions.	Height = 3.8" Width = 6" Depth = 3.125"	N/A	N/A
	 24VAO	24V control option upgrade for DX2, XTS and LS series. Field supply 24V to control heater operation (one 24VAO required per heater). Allows wiring of units onto separate circuits. Includes internal relay, power cord, indicator lights and terminal block. External transformer (40VA) required.	Exposed Length = 60"	Snap action	CSA
	 R8285B	Combination relay transformer, dual pole, 15 resistive amps each pole. For controlling 120V units with 24V thermostats. 20V power in, 24V power out.	Height = 4.25" Width = 4.25" Depth = 3.5"	Normally open	CSA UL Listed
	 SWPD60	Paragon Timer. Manually activated time control with white wall plate and knob. 60 minute twist timer with 5 minute increments. 120V - 20 Amp (control up to 4 tube heaters) or 240/277 V - 10 Amps. Also compatible with 24V systems.	Height = 4.25" Width = 1.75" Depth = 2.25"	Single pull Single throw	CSA