

THERMOSTATS

Line Voltage Thermostats

Catalog Number	Switch Type	Color	Type	Tamper-proof	Thermo-meter	Amps @ 120-240V	Amps @ 277V	Pilot Duty	Positive Off	Temperature Range °F
901-124640	Bimetal	Beige	SPST	No	No	22	19	—	No	40-80
901-124642	Bimetal	White	SPST	No	No	22	19	—	No	40-80
901-124643			DPST							
901-TH114-A-240D	Electronic	White	DPST	Yes	Digital	15A @ 208&240	—	—	No	40-86
901-OTH2750 ⁽¹⁾			Pulse			11.5	—	—		
901-OTH2750P ^(1,2)						11.5	—	—		
901-OTH4000 ⁽¹⁾						16.7	—	—		
901-OTH4000P ^(1,2)						16.7	14.4	—		
901-OTH5007 ⁽¹⁾						—	14.4	—		

(1) Do not use these thermostats with heaters that have inductive loads (heaters that have a motor or contactor).

(2) Programmable electronic thermostat.

Low Voltage Thermostats (Requires option R2 or an on/off relay with transformer)

Catalog Number	Switch Type	Color	Type	Tamper-proof	Thermo-meter	Amps @ 120-240V	Amps @ 277V	Pilot Duty	Positive Off	Temperature Range °F
901-1006998	Bimetal	White	SPST	No	No	—	—	30VA at 30V max	Yes	50-90
901-219981	Bimetal	White	SPST	No	No	—	—	30VA at 30V max	Yes	45-95
901-1007030	2-stage Bimetal	White	2 SPST Switches	No	Yes	—	—	30VA at 30V max	Yes	40-90

Low Voltage Electronic Thermostats (Requires option R2 or an on/off relay with transformer)

Catalog Number	Switch Type	Color	Type	Tamper-proof	Thermo-meter	Amps @ 120-240V	Amps @ 277V	Output Signal	Positive Off	Temperature Range °F
901-OTH824	Electronic	White	Pulse	Yes	Digital	—	—	24VAC	No	40-85

Line Voltage Thermostats for AS, Cove and Quartzone Heaters

Catalog Number	Switch Type	Color	Type	Tamper-proof	Thermo-meter	Amps @ 120-240V	Amps @ 277V	Output Signal	Positive Off	Temperature Range °F
R-101	Bimetal	Beige	SPST	No	No	22A @120V & 18A @ 277V	—	—	No	40-85
R-102	Bimetal	Beige	DPST	No	No	—	22A	—	Yes	40-85
SR-240/120(1)	Electronic	White	DPST	No	Digital	16A@ 120 & 240V	—	—	—	41-95

(1) A 3 inch deep double electrical box will be supplied for wall installation. Remote window sensor option is available.

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Controllers and Accessories

Catalog Number	Description	Amps @ 120-240V	Amps @ 277V	Input Signal
901-RC840	On-Off Relay without transformer 120/208/240/277V	22	18	—
901-RC840T-240	On-Off Relay with transformer 208/240V	22	—	—
901-24A05A-1	On-Off Relay with transformer 120V	25	—	—

Accessories

Catalog Number	Description
901-124644	Clear universal thermostat guard. Protects both line and low voltage thermostats against vandalism, damage, and unauthorized adjustment of thermostat settings. Inside dimensions:6-3/8" (length), 3-1/2" (height), 3" (depth)
901-F29-0198	Clear universal thermostat guard. Protects both line and low voltage thermostats against vandalism, damage, and unauthorized adjustment of thermostat settings. Inside dimensions:8-1/4" (length), 5-3/8" (height), 3-1/2" (depth)

Thermostat Selection Chart

Page	6	9	12	13	14	16	18	22	26	28	30	31	32	36	38
	WAI	WCI	EWI	WHI	WLI	WRI	CUI	CDI/CDIR	CCI	CLI	TSI	FFI	AS	RCI	Quartzzone
901-1006998	X(1)	X(1)					X(1)	X(1)	X(1)					X(4)	
901-1007030							X(2)								
901-OTH824	X(1)	X(1)					X(1)	X(1)	X(1)					X(4)	
901-124640	X	X	X		X	X	X	X	X	X	X	X		X	
901-124642	X	X	X		X	X	X	X	X	X	X	X		X	
901-124643	X	X	X		X	X	X	X	X	X	X	X		X	
901-219981	X(1)	X(1)					X(1)	X(1)	X(1)						
901-OTH2750 901-OTH2750P			X(3)		X(3)	X(3)				X(3)	X(3)	X(3)		X	
901-OTH4000 901-OTH4000P			X(3)		X(3)	X(3)				X(3)	X(3)	X(3)		X	
901-OTH5007 901-OTH5007P														X	
901-OTH-TH114-A-240D			X		X	X				X	X	X		X	
R-101 & R-102													X	X	X
SR-240/120													X		

(1) Option R2 is required - 24V relay with transformer or relay without transformer (for more than one heater on the same thermostat)

(2) Option N2 is required - 2-Speed Motor w/High-Low Relay 24V

(3) Thermostat has to be set for fan mode

(4) Requires a field installed 24V relay with transformer: 901-RT840T-240 for 208/240V or 901-24A05A-1 for 120V

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901-124642
901-124643



901-124640



901-OTH 4000P



901-OTH2750P



901-OTH2750



901-OTH4000



901-OTH5007

Low Voltage Thermostats



901-219981

Low Voltage Electronic Thermostats



901-OTH824

Line Voltage Thermostats for AS, Cove and Quartzone Heaters



Controllers and Accessories



901-RT850
901-RT850T-240
901-RT850-277



901-RC840
901-RC840T-240
901-RC840T-277

Accessories



901-124644



901-F29-0198