

Thermostats



GENERAL PURPOSE LIMITS L & LD SERIES

- Open on Rise
- Close when Temperature Differential is Reached
- 1/4" Quick Disconnect Terminals

"L" Series , Single Pole - Single Throw

PART NO.	°DIFF.	OPEN (°F)	CLOSE (°F)
L120	10	120	110
L125	10	125	115
L130	15	130	115
L135	15	135	120
L140	20	140	120
L145	20	145	125
L150	20	150	130
L155	20	155	135
L160	20	160	140
L165	20	165	145
L170	20	170	150
L175	20	175	155
L180-20	20	180	160
L180-40	40	180	140

PART NO.	°DIFF.	OPEN (°F)	CLOSE (°F)
L190	40	190	150
L200	40	200	160
L205	40	205	165
L225	40	225	185
L240	40	240	200
L250	40	250	210
L260	40	260	220
L270	40	270	230
L290	40	290	250
L300	40	300	260
L320	40	320	280
L340	40	340	300



Use 60T Electrical Ratings on page

"LD" Series, Single Pole - Double Pole

PART NO.	DESCRIPTION	OPEN (°F)	CLOSE (°F)	DIFFERENTIAL
LD120	SPDT Thermostats	120	105	15
LD130	SPDT Thermostats	130	115	15
LD135	SPDT Thermostats	135	120	15
LD140	SPDT Thermostats	140	120	20
LD145	SPDT Thermostats	145	125	20
LD155	SPDT Thermostats	155	135	20
LD170	SPDT Thermostats	170	150	20
LD200	SPDT Thermostats	200	160	40
LD225	SPDT Thermostats	225	185	40
LD240	SPDT Thermostats	240	200	40
LD270	SPDT Thermostats	270	230	40

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ADJUSTABLE AT SERIES

- Series Covers Almost 95% of Heater and Dryer Applications
- Dial Knob
- 40° Adjustable Range
- 1/4" Quick Connect Terminals
- Use 60T Electrical Ratings

Adjustable Thermostats

PART NO.	STANDARD MOUNT	ADJUSTABLE RANGE (°F)	DIFFERENTIAL
AT012		135 175	20
AT013		175 215	40
AT014		210 250	40
AT015		250 290	40

Open on Temperature Rise

Adjustable Airflow Thermostats

PART NO.	STANDARD MOUNT	ADJUSTABLE RANGE (°F)	DIFFERENTIAL
AT021		90 130	20
AT022		140 180	20

Close on Temperature Rise



Thermostats

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FAN CONTROL* CLOSE ON RISE

PART NO.	DESCRIPTION	CUT OUT (°F)	CUT IN (°F)	DIFFERENTIAL
SHF90	Fan	80	90	10
SHF110	Fan	90	110	20
SHF110DC	Fan - Deep Cup	90	110	20
SHF120	Fan	110	120	10
SHF140	Fan	120	140	20
SHF250	Fan	220	250	30

*Adapter Flange Plate included with each thermostat.

*Use 60T Electrical Ratings on page



LIMIT CONTROL* OPEN ON RISE

PART NO.	DESCRIPTION	CUT OUT (°F)	CUT IN (°F)	DIFFERENTIAL
SHL120	Limit - Open on Rise	120	110	10
SHL140	Limit - Open on Rise	140	100	40
SHL150	Limit - Open on Rise	150	110	40
SHL160	Limit - Open on Rise	160	120	40
SHL170	Limit - Open on Rise	170	130	40
SHL180	Limit - Open on Rise	180	140	40
SHL190	Limit - Open on Rise	190	150	40
SHL200	Limit - Open on Rise	200	160	40
SHL230	Limit - Open on Rise	230	190	40
SHL250	Limit - Open on Rise	250	210	40

*Adapter Flange Plate included with each thermostat.

*Use 60T Electrical Ratings on page



MANUAL RESET LIMIT CONTROL* OPEN ON RISE

PART NO.	DESCRIPTION	OPEN (°F)	CLOSE
SHM125	Limit - Open on Rise	125	Manual
SHM130	Limit - Open on Rise	130	Manual
SHM160	Limit - Open on Rise	160	Manual
SHM170	Limit - Open on Rise	170	Manual
SHM180	Limit - Open on Rise	180	Manual

PART NO.	DESCRIPTION	OPEN (°F)	CLOSE
SHM200	Limit - Open on Rise	200	Manual
SHM210	Limit - Open on Rise	210	Manual
SHM290	Limit - Open on Rise	290	Manual
SHM350	Limit - Open on Rise	350	Manual

*Adapter Flange Plate included with each thermostat.

*Use 60T Electrical Ratings on page



HVAC FLUSH MOUNT STAGING THERMOSTATS

PART NO.	DESCRIPTION	OPEN (°F)	CLOSE (°F)	DIFFERENTIAL
FL50	HVAC Staging Thermostat	50	35	15
FL60	HVAC Staging Thermostat	60	45	15

*Use 60T Electrical Ratings on page



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GAS FURNACE LIMITS AND PLENUM THERMOSTATS

- Direct OEM Replacements
- Economical
- Use 36T Electrical Ratings

Plenum Thermostats

PART NO	DESCRIPTION	OPEN °F	CLOSE °F	DIFFERENTIAL °F	CARRIER®, BRYANT®, BDP®, DAY & NIGHT®, PAYNE®	JANITROL®, GOODMAN®, AMANA®, GMC®	LENNOX®, AIR-EASE®, ARMSTRONG®, CONCORD®, MAGIC CHEF®	CORSAIR®, RHEEM®, RUUD®, WEATHER KING®, TRANE®	YORK®, BORG-WARNER®, FRAZIER®, JOHNSON®, LUXAIRE®
SHL501	L170-40 SPST	170°	130°	40°	HH12ZA174A HH127A176A P331-2203			47-21711-06	025-29041-007
SHL502	L180-30 SPST	180°	150°	30°	HH12ZA178A	B1370001			
SHL503	L190-40 SPST	190°	150°	40°	HH12ZA189 HH12ZB190 HH12ZA193A P331-2205			47-21711-03	025-29041-012
SHL504	L240-40 SPST	240°	200°	40°	HH12ZA240 HH12ZA252A P331-2217				
SHL505	L140-40 SPST	140°	100°	40°	HH12ZB140				
SHL506	L170-40 SPST	170°	130°	40°	HH12ZB170			SWT1258	
SHL507	L140-30 SPST	140°	110°	30°	HH12ZA140		87F16		025-29041-005
SHL508	L150-20 SPST	150°	130°	20°	HH12ZB190 HH12ZA193 HH12ZA189 P331-2005	B1370913		SWT1260	
SHL509	L240-30 SPST	240°	210°	30°	HH12ZB240 HH12ZA240 HH12ZA252 P331-2217	B1370903			
SHL510	L150-20 SPST	150°	130°	20°	HH12ZB150				
SHL511	L160-20 SPST	160°	140°	20°	HH12ZB160				025-29041-004
SHL512	L170-20 SPST	170°	150°	20°	HH12ZB170		26H66		
SHL513	L170-40 SPST	170°	130°	40°			37H73		
SHL514	L180-40 SPST	180°	140°	40°	HH12ZB180		49L03		025-29031-711
SHL515	L200-40 SPST	200°	160°	40°	HH12ZB200 HH12ZA199 HH12ZA201				025-29041-006
SHL516	L210-40 SPST	210°	170°	40°	HH12ZB210			SWT1263	
SHL517	L220-50 SPST	220°	170°	50°	HH12ZB220 HH12ZA219 HH12ZA223 48NHT042 620BE			SWT1273	
SHL518	L250-40 SPST	250°	210°	40°	HH12ZB250 HH12ZA251 P331-2208	B1370012S		SWT1261 SWT1272	
SHL519	L155-30 SPST	155°	125°	30°		B1370006			
SHL520	L100-20 SPST	100°	80°	20°				47-21711-01	025-29041-002
SHL521	L200-20 SPST	200°	180°	20°				47-21711-04	
SHL522	L160-20 SPST	160°	140°	20°		B1370908S		47-21711-07	
SHL523	L130-20 SPST	130°	110°	20°				47-21711-08	
SHL524	L170-20 SPST	170°	150°	20°				47-21711-10	
SHL525	L180-20 SPST	180°	160°	20°				47-21711-11	

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ROLLOUT SWITCHES

- Auto and Manual Reset
- Offered in a Broad Temperature Range to Cover Most Heating Applications

SMALL FLUSH MOUNT SPST LIMIT THERMOSTATS (FLUSH MOUNT AUTOMATIC ROLLOUT)

PART NO.	TERMINALS	CUT OUT (°F)	CUT IN (°F)	DIFFERENTIAL
SLF130VA	Vertical 1/4"	130	115	15
SLF170VA	Vertical 1/4"	170	130	40
SLF194HB	Horizontal 3/16"	194	154	40
SLF210HA	Horizontal 1/4"	210	170	40
SLF222VA	Vertical 1/4"	222	182	40
SLF230HA	Horizontal 1/4"	230	190	40
SLF250HA	Horizontal 1/4"	250	200	50
SLF330VA	Vertical 1/4"	330	280	50

*Use 36T Electrical Ratings on page



AUTOMATIC ROLLOUTS SPST LIMIT THERMOSTATS

PART NO.	TERMINALS	CUT OUT (°F)	CUT IN (°F)	DIFFERENTIAL
SLS120	45° angle 1/4"	120	105	15
SLS140	45° angle 1/4"	140	100	40
SLS150	45° angle 1/4"	150	110	40
SLS160	45° angle 1/4"	160	120	40
SLS170	45° angle 1/4"	170	130	40
SLS180	45° angle 1/4"	180	140	40
SLS200	45° angle 1/4"	200	160	40
SLS265	45° angle 1/4"	265	215	50
SLS275	45° angle 1/4"	275	225	50
SLS285	45° angle 1/4"	285	235	50
SLS295	45° angle 1/4"	295	245	50
SLS300	45° angle 1/4"	300	250	50

*Use 36T Electrical Ratings on page



MANUAL ROLLOUTS SPST LIMIT THERMOSTATS

PART NO.	TERMINALS	CUT OUT (°F)	CUT IN (°F)	TERMINALS	CUT OUT (°F)	CUT IN (°F)
SRL130	Vertical 1/4"	130	Manual	SRL250	Vertical 1/4"	250 Manual
SRL135	Vertical 1/4"	135	Manual	SRL260	Vertical 1/4"	260 Manual
SRL220	Vertical 1/4"	220	Manual	SRL300	Vertical 1/4"	300 Manual
SRL230	Vertical 1/4"	230	Manual	SRL350	Vertical 1/4"	350 Manual
SRL240	Vertical 1/4"	240	Manual			

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SRL Series X Ref

PART NO.	REPLACES OEM	OEM P/N
SRL130	Rheem®/Ruud Weatherking®	47-22453-01
SRL135	Rheem®/Ruud Weatherking®	47-22453-02
SRL220	Nordyne®	626354
SRL230	Nordyne®	626353
SRL240	Nordyne®	626355
SRL250	Nordyne®	626352

PART NO.	REPLACES OEM	OEM P/N
SRL260	Nordyne®	626350
SRL300	Nordyne®	626343
	Rheem®/Ruud Weatherking®	47-22861-02
SRL350	Goodman®	B13701-54

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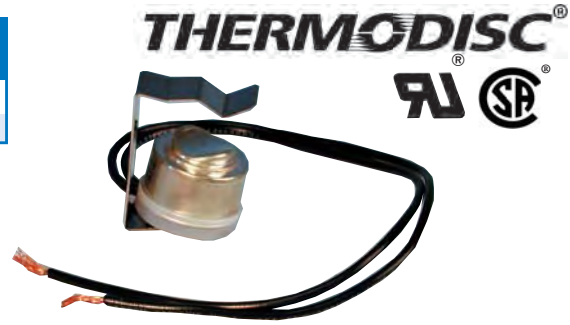
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Thermostats

SFPC FREEZE PROTECTION CONTROL

- Protects Air Conditioning Evaporator Coil from Freezing
- Opens 35°F/Close 50°F
- Fits 7/8" O.D. Tubing
- Replaces: Trol-A-Temp FPC
- Includes Clip to Fit 7/8" O.D. Tubing

VOLTAGE (VAC)	RESISTIVE (NON-INDUCTIVE, AMPS)
120	10
240	5

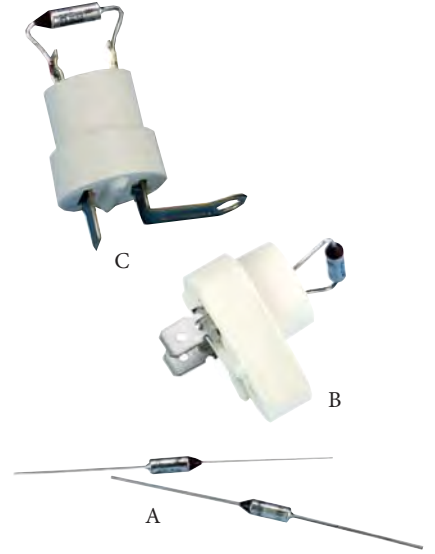


THERMAL CUT OUTS

PART NO. 15 AMP SERIES 1	PART NO. 25 AMP SERIES 2	OPEN TEMP. °C	OPEN TEMP. °F	STYLE
	STC8170	77	170	A
STC4183		84	183	A
STC4199		93	199	A
STC4228		109	228	A
	STC8242	117	242	A
STC4257	STC8257	125	257	A
STC4283	STC8283	139	283	A
STC4300		149	300	A
STC4333		167	333	A

Series 1 Maximum Wattage 1800W @ 120V/2400W @ 240
Series 2 Maximum Wattage 1800W @ 120V/6000W @ 240

PART NO. 15 AMP SERIES 1	PART NO. 25 AMP SERIES 2	OPEN TEMP. °C	OPEN TEMP. °F	STYLE
STC4358		184	363	A
STC4438		226	438	A
STC4468	STC8468	242	468	A
STC5257		125	257	B
	STC85283	139	283	B
STC5300		149	300	B
STC5333		167	333	B
STC5377		192	377	B
STC6257	STC86257	125	257	C
	STC86283	139	283	C
STC6300		149	300	C
STC6333		167	333	C
STC6377	STC86377	192	377	C



PART NO.	TERMINALS	°C	°F	STYLE
STF4170	QC. 1/4"	77	170	36T
STF4183	QC. 1/4"	84	183	36T
STF4230	QC. 1/4"	110	230	36T

Maximum Wattage 1800W @ 120V/2400W @ 240

PART NO.	TERMINALS	°C	°F	STYLE
STF4249B	QC. 3/16"	121	249	36T
STF4291B	QC. 3/16"	144	291	36T
STF4305B	QC. 3/16"	152	305	36T



TERMINAL ADAPTERS

PART NO.	DESCRIPTION	WHERE USED
T1121	2 to 1 Terminal Adapter	1/4" QC Female to 2 Male 1/4" QC Chair Terminal
T1122	2 to 1 Terminal Adapter	1/4" QC Female to 2 Male 1/4" QC Side by Side Terminal
T1123	Screw to Terminal Adapter	8 - 10 Stud to 1/4" QC Terminal
T1124	Terminal to Screw Adapter	1/4" QC Female to Screw Right Angle Terminal
T1125	2 to 1 Terminal Adapter	1/4" QC Female to 1/4" QC Male Piggyback Terminal



TYPICAL ELECTRICAL RATINGS

36T Electrical Ratings

VOLTS (VAC)	Resistive (Non-Inductive)	Motor Rating (Inductive)		Pilot Duty
		Full Load	Locked Rotor	
120	15A	3A	12A	125 VA
240	10A	1.5A	6A	125 VA

350°F Max Ambient Temperature

60T Electrical Ratings

VAC	Resistive (Non-Inductive)	Motor Rating (Inductive)		Pilot Duty
		Full Load	Locked Rotor	
120	25A	14A	72A	125 VA
240	25A	10A	60A	125 VA

350°F Max Ambient Temperature

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