

# HEATING CONTROLS

For replacing the EXACT OEM heating control components, SUPCO offers the complete line of CAMSTAT controls.

## L59 Series Limit Controls

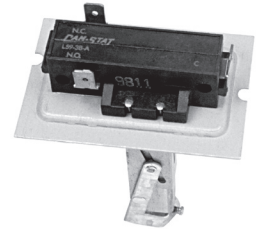
- SPDT Switch
- User Adjustable Temperature Setting

- Pilot Duty: N.C. Contacts: 40 VA @ 30, 120 and 240 VAC  
N.O. Contacts: 120 VA @ 30, 120 and 240 VAC

PART NO.	A1 PART NO.	LENGTH (inches)	FAN	
			TEMP OFF (°F)	FIXED DIFFERENTIAL
L593BA	FF568	3"	120 to 250	30°F
L597BA	FF569	7"	120 to 250	30°F

### Electrical Ratings

N.C. CONTACTS	120 VAC	240 VAC
Full Load Amps	5.8	2.9
Locked Rotor Amps	34.8	17.4



## FALTS Series Fan & Limit Controls w/ Time Delay

- Time Start Fan Control for "Heat Assist"
- Time delay turns ON blower as function of time &/or temperature after "Call for Heat".
- Turns OFF blower as a function of temperature at dial setting for fan.

- Adjustable furnace temperature limit to match existing setting.
- SPST Switch
- Pilot Duty: 40 VA @ 30 and 120
- Electrical Rating: "Heat Assist" - 0.08 Amps @ 24 VAC



PART NO.	A1 PART NO.	LENGTH (inches)	FAN OFF	LIMIT	LIMIT
			TEMP. (°F)	TEMP. (°F)	DIFFERENTIAL (°F)
FALTS57C05T120A	FF560	7"	90 to 120	150 to 250	30
FALTS57C65T120A	FF561	7" w/ shield	90 to 120	150 to 250	30
FALTS57C13BT120A	FF591	7" SPDT	90 to 120	150 to 250	30

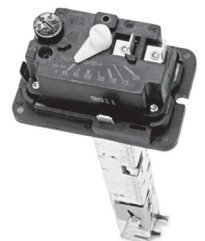
SPST SWITCH	TERMINALS 2 & 4 N.O. (FAN)		TERMINALS 5 & 6 N.C. (LIMIT)
	120 VAC	240 VAC	120 VAC
Full Load Amps	13.8	8.0	4.4
Locked Rotor Amps	82.8	48.0	26.4

## FAL Series Universal Fan & Limit Controls

- Universal replacement in forced air heating furnaces.
- Adjustable FAN OFF setting
- Adjustable DIFFERENTIAL setting

- Adjustable furnace temperature limit to match existing setting
- Pilot Duty: 40 VA @30 & 120 VAC

PART NO.	A1 PART NO.	LENGTH (inches)	FAN OFF	FAN	LIMIT	LIMIT
			TEMP. (°F)	DIFFERENTIAL	TEMP. (°F)	DIFFERENTIAL (°F)
FAL3C05TD120A	FF558	3"	90 to 120	25 to 50	150 to 250	30
FAL7C05TD120A	FF559	7"	90 to 120	25 to 50	150 to 250	30
FAL7C20BT120AB	FF594	7"	90 to 120	25 to 50	150 to 250	30



SPST SWITCH	TERMINALS 2 & 4 N.O. (FAN)		TERMINALS 5 & 6 N.C. (LIMIT)
	120 VAC	240 VAC	120 VAC
Full Load Amps	13.8	8.0	4.4
Locked Rotor Amps	82.8	48.0	26.4

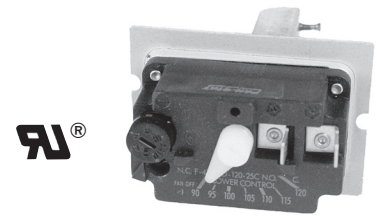
## F47 & F214 Series Fan Controls

- SPST Switch
- Incorporates temperature adjustment to match existing setting.

- Pilot Duty: 40 VA @ 30 & 120 VAC

PART NO.	CATALOG NO.	WIDTH (inches)	LENGTH (inches)	FAN OFF	FAN
				TEMP. (°F)	DIFFERENTIAL (°F)
F473TD12025C	FF564	7/16"	3"	90 to 120	25 to 50
F477TD12025C	FF565	7/16"	7"	90 to 120	25 to 50
F21412A14025C	FF562	1-1/16"	3"	60 to 140	25 to 50
F21413A14025C	FF563	1-1/16"	7"	60 to 140	25 to 50

SPST SWITCH	TERMINALS	
	120 VAC	240 VAC
Full Load Amps	13.8	8.0
Locked Rotor Amps	82.8	48.0



## F47TS Series Fan Controls w/ Time Start Fan Control

- Time delay turns ON blower as function of time &/or temperature after "Call for Heat".
- Turns OFF blower as a function of temperature at dial setting for fan.

- Pilot Duty: 40 VA @ 30 and 120
- Electrical Rating: "Heat Assist" - 0.08 Amps @ 24 VAC
- Use #2 spanner tool to loosen the Limit Adjustment Screw (8-063-097)

PART NO.	A1 PART NO.	LENGTH (inches)	FAN OFF	FAN	TIME DELAY @ 24 VAC (sec.)
			TEMP. (°F)	DIFFERENTIAL (°F)	
FA47TS3110	FF566	3"	80 to 110	60 (Fixed)	25 to 60
FA47TS7110	FF567	7"	80 to 110	60 (Fixed)	25 to 60

SPST SWITCH	TERMINALS	
	120 VAC	240 VAC
Full Load Amps	13.8	8.0
Locked Rotor Amps	82.8	48.0



## S106 Series Time Delay Relays

- Controls high current blowers, relays & contactors
- SPST or SPDT

- Delay ON/ OFF Timing
- Input: 0.12 A @ 24 VAC

PART NO.	A1 PART NO.	SWITCH ACTION	TIME DELAY	TIME DELAY
			ON (seconds)	OFF (seconds)
S1061A4575C	FF582	SPST	35 to 55	50 to 100
S1061A5040C	FF583	SPST	40 to 60	30 to 60
S1061A40100C	FF584	SPST	30 to 50	70 to 110
S1061A5560C	FF585	SPST	45 to 65	40 to 85
S1061B6545C	FF586	SPDT	55 to 70	45 to 80

BETWEEN TERMINALS	VOLTS AC	FULL LOAD AMPS	LOCKED ROTOR AMPS
2 & 4 NO	120	13.8	82.8
2 & 4 NO	240	8.0	48.0
1 & 4 NC	120	5.8	34.8
1 & 4 NC	240	2.9	17.4



## PR Series Pilot Reigniters

- Prevents Pilot Flames From Extinguishing

PART NO.	A1 PART NO.	DESCRIPTION
PR24120	FF541	24/120 VAC Hardware Kit , Spark cable
PR2436W	FF543	24 VAC Hardware Kit, Spark Cable, & PR-24 Module
PR2412036W	FF536	24/120 VAC Hardware Kit, Spark Cable & Module



## BC7070 (F7070) Blower Control

- Increase Heating Efficiency By Delaying The ON and OFF Cycle Of The Blower Fan.
- Control Voltage: 24 VAC.
- Relay Contacts: SPST.
- Blower On Time: 0 – 240 Seconds Adjustable.
- Blower Off Time: 0 – 240 Seconds Adjustable



## CIVA5 (FF534) Brown Out Delay Timer

- Short Cycle & Brown Out Protection For Compressors.
- Interlock Time: 5 minutes.
- Under Voltage Protection: Adjustable 16 – 22 VAC.
- Reset Time: 30 Milliseconds.



## AFC01T110204 (FF535) Attic Fan Control

- Adjustable Fan OFF Temperature: 60°F to 110°F
- Firestat circuit for safety shut off
- SPST

