



## L59 Series Limit Controls

L59 series limit controls have SPDT switches and incorporate a temperature adjustment to enable the installer to match the setting of the old device being replaced. (Note: Use a #2 spanner tool to loosen the Limit Adjustment Screw.)

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



- Use a #2 spanner tool to loosen the Limit Adjustment Screw. (8-063-097)

Product Type	Catalog Number	Length ( Inches)	Fan Temperature Off ( Degrees F)	Fixed Differential
L59-3B-A	FF568	3	120 to 250	30°F
L59-7B-A	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



## S106 Series Time Delay Relays

Controls high current blowers, relays and contactors

- Input: 0.12 amps @ 24 VAC
- SPST or SPDT
- Delay on/off timing



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

This Time Delay Relay is a device for use in controlling high current blowers, relays, and contactors at a predetermined time interval after the heater is energized. The heater timer is connected to a 24 volt circuit and this circuit may be energized remotely by a manual switch, room thermostat or some other automatic electric contacting device.

Product Type	Catalog Number	Switch Action	Time Delay On (Seconds)	Time Delay Off (Seconds)
S106-1A-45-75C	FF582	SPST	30 to 50	60 to 90
S106-1A-50-40C	FF583	SPST	45 to 55	30 to 50
S106-1A-40-100C	FF584	SPST	35 to 45	80 to 110
S106-1A-55-60C	FF585	SPST	50 to 60	45 to 75
S106-1B-65-45C	FF586	SPDT	60 to 70	45 to 75

## “FALTS” Fan and Limit Controls W/Time Start Delay

These Combination Fan/Limit Controls include a time start fan control “Heat Assist”. The time delay turns on the blower as a function of time and/or temperature after the room thermostat calls for heat and turns off the blower as a function of temperature at the indicated dial setting of the fan. The limit portion will limit the temperature of the furnace to a safe operating temperature. A limit temperature adjustment is provided to match the setting of the old device being replaced.

- Electrical Rating: “Heat Assist” - 0.08 amps @ 24 VAC
- Pilot Duty: 40 VA at 30 VAC & 120 VAC
- Use a #2 spanner tool to loosen the Limit Adjustment Screw. (8-063-097)



	Terminals 2 & 4 N.O. (Fan)		Terminals 5 & 6 N.C. (Limit)
SPST Switch	120 VAC	240 VAC	120 VAC
Full Load Amps	13.8	8.0	4.4
Locked Rotor Amps	82.8	48.0	26.4

Product Type	Catalog Number	Length	Fan Off Temperature	Limit Temperature	Limit Differential
FALTS 57C-05T-120-A	FF560	7 Inches	90 To 120°F	150 To 250°F	30°F
FALTS 57C-65T-120-A	FF561	7 Inches w/shield	90 To 120°F	150 To 250°F	30°F
FALTS 57C-13BT-120-A	FF591	7 Inches SPDT	90 To 120°F	150 To 250°F	30°F

## “FAL” Fan and Limit Controls For Universal Replacement

These Combination Fan/Limit Controls are designed as universal replacements for application in all types of forced air heating furnaces. The fan portion incorporates an adjustable fan “OFF” setting and an adjustable differential to enable the installer to match the settings of the old device being replaced. The limit portion will limit the temperature of the furnace to a safe operating temperature. A limit temperature adjustment is provided to match the setting of the old device being replaced.

- Electrical Rating: Pilot Duty: 40 VA @ 30 & 120 VAC.
- Use a #2 spanner tool to loosen the Limit Adjustment Screw. (8-063-097)



	Terminals 2 & 4 N.O. (Fan)		Terminals 5 & 6 N.C. (Limit)
SPST Switch	120 VAC	240 VAC	120 VAC
Full Load Amps	13.8	8.0	4.4
Locked Rotor Amps	82.8	48.0	26.4

Product Type	Catalog Number	Length	Fan Off Temperature	Fan Differential	Limit Temperature	Limit Differential
FAL3C 05TD-120-A	FF558	3 Inches	90 To 120°F	25 To 50°F	150 To 250°F	30°F
FAL7C 05TD-120-A	FF559	7 Inches	90 To 120°F	25 To 50°F	150 To 250°F	30°F
FAL7C 20BT-120-AB	FF594	7 Inches	90 To 120°F	25 To 50°F	150 To 250°F	30°F

## FA47TS Series Fan Controls W/Time Start Fan Control



(Replaces all FA47TS Series Controls) These are special fan controls with a built in "Heat Assist" time delay. The time delay turns on the blower as a function of time and/or temperature after the room thermostat calls for heat and turns off the blower as a function of temperature at the indicated dial setting of the fan.

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



	Terminals 2 & 4 N.O. (Fan)	
	120 VAC	240 VAC
SPST Switch		
Full Load Amps	13.8	8.0
Locked Rotor Amps	82.8	48.0

Product Type	Catalog Number	Length	Fan Off Temperature	Fan Differential	Time Delay @ 24VAC
FA47TS3-110	FF566	3 Inches	80 To 110 F	60°F Fixed	25 To 60 Sec.
FA47TS7-110	FF567	7 Inches	80 To 110 F	60°F Fixed	25 To 60 Sec.

## F47 & F214 Series Fan Controls

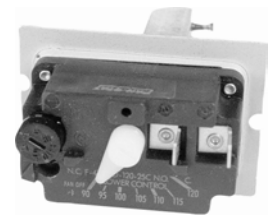
These fan controls incorporate an adjustable temperature dial to enable the installer to match the setting of the device being replaced.

- Electrical Rating: Pilot Duty: 40 VA @ 30 & 120 VAC.



**F214 Series**

	Terminals 2 & 4 N.O. (Fan)	
	120 VAC	240 VAC
SPST Switch		
Full Load Amps	13.8	8.0
Locked Rotor Amps	82.8	48.0



**F47 Series**

Product Type	Catalog Number	Width ( Inches)	Length ( Inches)	Fan Off (°F)	Fan Differential (°F)
F214-12A-140-25C	FF562	1-1/16	3	60 to 140	25 to 50
F214-13A-140-25C	FF563	1-1/16	7	60 to 140	25 to 50
F47-3TD-120-25C	FF564	7/16	3	90 to 120	25 to 50
F47-7TD-120-25C	FF565	7/16	7	90 to 120	25 to 50