

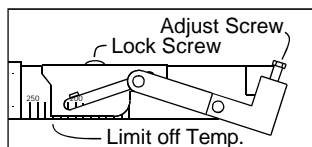
* This model has an Element Shield

☆ This model has SPDT fan.

REPLACEMENT COMBINATION

LIMIT AND TIME DELAY CONTROL

7" ELEMENT EXTENSION-SPST & SPDT FAN



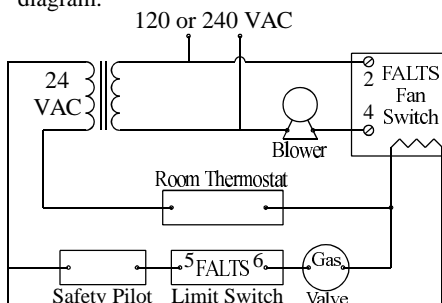
The FALTS Series Control is a combination time-temperature-start blower control and limit control. It is designed to control both the blower (at adjustable setting) while limiting the safe operating temperature of the furnace (at pre-determined Settings) to meet individual manufacturer requirements. It incorporates the best features of both the temperature actuated and time delay-actuated blower controls.

This universal replacement combination control is equipped with 1/4" spade quick connect terminals and adjustable knobs to permit temperature settings to conform to the unit being replaced.

In making the replacement, simply check the cut-out temperature of the combination fan and limit control that is removed from the furnace, and set the blower pointer and limit slide on the replacement unit to conform to these temperature settings.

WIRING

1. All wiring must conform to local electrical ordinances.
2. A typical connection is shown in the Wiring diagram.



Electrical Data

Time Mechanism rating:

24 VAC - 0.08 Amps, Nominal

Fan Control Operation

SPDT	Automatic recycling. Closes contacts 4 & 2 on temperature rise.		
SPDT	Automatic recycling. Closes contacts 4 & 2 and opens contacts 4 & 1 on temperature rise.		
Load Rating	Terminals	Current Rating (amps)	
		120 VAC	240 VAC
Inductive	4 & 2	13.8 FLA (1/4 HP)	8.0 FLA (1 HP)
	N.O.	82.8 LRA	48.0 LRA
Inductive	4 & 1 N.C. (SPDT)	5.8 FLA (1/4 HP)	2.9 FLA (1/4 HP)
		34.8 LRA	17.4 LRA
Non-Inductive	4 & 2	25 (3000 watts load)	25 (6000 watts load)
	N.O.		
Pilot Duty	4 & 2 4 & 1	40 VA @ 30, 120 and 240 VAC	

Limit Control

Load Rating	Terminals	Current Rating (amps)	
		120 VAC	240 VAC
Inductive	4 & 2	4.4 FLA (1/6 HP)	2.2 FLA (1/6 HP)
	N.O.	26.4 LRA	13.2 LRA
Pilot Duty	4 & 2 4 & 1	125 VA @ 24 and 120 VAC	



Controls are UL
Recognized and CSA
Certified