



**5D51-35**

## FAN AND LIMIT CONTROLS FOR UNIVERSAL REPLACEMENT

Single Element Type for Applications with Narrow Space Limitations.  
Regulates Fan or Blower Operation & Acts as High Limit Safety Control

### FEATURES

- Slotted mounting holes for easy installation.
- Long terminal screws for wiring — Junctions can be made on terminal block.
- Dial has individual pointers for fan cut-in and cut-out settings.
- Removable solid copper jumper between fan and limit switches.
- Summer fan switch for ventilation without changing control settings. Has same fan and limit switch mechanism.

### SPECIFICATIONS

Agency ..... U.L. recognized and C.S.A. certified

Model Number	Element Length	Description	Range	Differential	Switch Action	Full Electrical Rating	Motor Rating (Full Load)		Valves and Relays	
							120 VAC	240 VAC	24 VAC	0.3-12v DC
5D51-35	5"	Fan	50 to 265°F (10 to 129°C)	Adjustable 15°F minimum	Close on Rise	HT See page 219	14.0A	7.0A	—	—
5D51-90	8"	Limit	100 to 300°F (38 to 149°C)	Fixed 25°F	Open on Rise	HTV See page 219	10.0A	6.0A	6.0A	1.0A
5D51-78	11"									



**5C02-1**

## FAN OR LIMIT CONTROLS

Provides High Limit Protection for Warm Air Furnaces or Controls Blower Operation

### FEATURES

- Interchangeable with competitive makes.
- Adjustable differentials remain constant through entire range of control.
- Limit control has "universal" contacts capable of handling millivolts to 240 VAC.
- Limit control equipped with adjustable stop to limit setting. Shipped at 200°F/93°C.
- Both fan and limit controls have screw terminals.

### SPECIFICATIONS

Agency ..... U.L. recognized and C.S.A. certified

#### FAN TYPES WITHOUT ENCLOSURE

Model Number	Range (Cut-Out)	Differential	Element Length	Switch Action	Full Electrical Rating	Motor Rating (Full Load)		Valves and Relays	
						120 VAC	240 VAC	24 VAC	0.3-12v DC
5C22-2 ①	70 to 125°F (21 to 52°C)	Adj. 25 to 50°F (14 to 28°C)	3"	Close on Rise	CF See page 219	6.0A	6.0A	—	—
5C22-52 ①	70 to 125°F (21 to 52°C)	Adj. 25 to 50°F (14 to 28°C)	7"	Close on Rise	CF See page 219	6.0A	6.0A	—	—

#### LIMIT TYPES WITHOUT ENCLOSURE

Model Number	Range (Cut-Out)	Differential	Element Length	Switch Action	Full Electrical Rating	Motor Rating (Full Load)		Valves and Relays	
						120 VAC	240 VAC	24 VAC	0.3-12v DC
5C02-1 ②	150 to 250°F (66 to 121°C)	Fixed 25°F (14°C)	3"	Open on Rise	CL See page 219	10.0A	6.0A	4.0A	1.0A
5C02-51 ②	150 to 250°F (66 to 121°C)	Fixed 25°F (14°C)	7"	Open on Rise	CL See page 219	10.0A	6.0A	4.0A	1.0A

① Cut-in point is cut-out setting plus differential for fan controls

② Cut-in point is cut-out setting minus differential for limit controls. Tamper resistant screw limits cut-out to 200°F/94°C