

**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



**5D51-35**

**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  
 Dimensions . . . . . 2.9" W x 4.3" H x 1.6" D

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	Close on Rise	HT	14.0A	7.0A	5.6A	—
5D51-90	8"	Limit	100 to 300°F (38 to 149°C)	Fixed 25°F	Open on Rise	See page 416	10.0A	6.0A	6.0A	1.0A
5D51-78	11"					See page 416				

FURNACE

**BOARD MOUNT LIMIT CONTROLS**

1/2" Bimetal Disc with Ranges for Your System Needs



**FEATURES**

- Proven reliability in a compact, versatile, cost-effective design.
- Provides high-speed contact separation.
- OEM replacement for competitive models.

**TECHNICAL HELP**

Dimension drawings and specifications . . . . . See pages 287-289

Model Number	Figure (pages 287-289)	Construction (pages 287-289)	Opens/Closes (°F)	Length (in inches)	TOD Type	TOD Style
3L09-1	1		140/100	1.87	36T	612700
3L09-2	1		170/130	1.87	36T	612708
3L09-3	2	A	140/110	3.12	36T	612701
3L09-4	2	C	150/130	3.12	36T	612703
3L09-5	2	C	160/140	3.12	36T	612706
3L09-6	2	B	170/130	3.12	36T	612710
3L09-7	2	A	175/145	3.12	36T	612711
3L09-8	2	B	180/160	3.12	36T	612714
3L09-9	2	C	190/170	3.12	36T	612715
3L09-10	2	B	200/160	3.12	36T	612718
3L09-11	2	B	210/170	3.12	36T	612719
3L09-12	2	B	220/180	3.12	36T	612722
3L09-13	2	A	240/210	3.12	36T	612723
3L09-14	2	B	250/210	3.12	36T	612725

Model Number	Figure (pages 287-289)	Construction (pages 287-289)	Opens/Closes (°F)	Length (in inches)	TOD Type	TOD Style
3L09-15	2	A	260/230	3.12	36T	612727
3L09-16	3	A	150/130	3.12	36T	612704
3L09-17	3	A	250/225	3.12	36T	612726
3L09-18	3	B	155/125	7.12	36T	612705
3L09-19	3	B	175/145	7.12	36T	612712
3L09-20	3	B	240/210	7.12	36T	612724
3L09-21	4	A	150/130	3.12	36T	612702
3L09-22	4	A	160/140	3.12	36T	612707
3L09-23	4	A	170/150	3.12	36T	612709
3L09-24	4	B	190/170	3.12	36T	612716
3L09-25	4	B	200/180	3.12	36T	612717
3L09-26	5		180/160	1.87	36T	612713
3L09-27	5		220/200	1.87	36T	612721
3L09-28	6		210/180	3.12	36T	612720