



**50A62-820 NITRIDE IGNITION  
INTEGRATED FURNACE CONTROL**

Controls Gas Valve, Ignitor, Blower, Inducer, Humidifier and Air Cleaner. Replaces Lennox models

**FEATURES**

- Includes diagnostic indicator flash codes.
- Replaces 50A62-121.
- Remote flame sense.
- OEM test mode.
- Diagnostic LED indicators off during microcomputer self-check.

**SPECIFICATIONS**

Input Voltage . . . . .	25 VAC 50 / 60 Hz
Maximum Input Current @ 25 VAC . . .	0.45 amp
Valve Relay . . . . .	1.5 amp @ 25 VAC 50 / 60 Hz 0.6 pf
Ignitor Relay . . . . .	6.0 amp @ 120 VAC 50 / 60 Hz (resistive)
Inducer Relay . . . . .	2.2 FLA – 3.5 LRA @ 120 VAC
Circulator Relay . . . . .	14.5 FLA – 25.0 LRA @ 120 VAC
Operating Temperature Range . . . . .	-40 to +175°F (-40 to +79°C)
Humidity Range . . . . .	5% to 93% relative humidity (non-condensing)



**TECHNICAL HELP**

Wiring and configuration. . . . . see pages 198-201

Model Number	Pre-purge	Delay Heat		Delay Cool		Auto Reset
		ON	OFF	ON	OFF	
50A62-820	15	45	60 / 90 / 120 / 180	0	0	60 minutes

**CROSS REFERENCE**

**50A62-820 Replaces:**

24L8501
50A62-121
50A62-820
56L8301
97L4801
CNT03741