



50A66-743

**50A66-743 LENNOX NITRIDE IGNITION
INTEGRATED HSI FURNACE CONTROL**

Controls Gas Valve, Ignitor, Blower, Inducer, Humidifier and Air Cleaner

FEATURES

- Includes diagnostic indicator flash codes.
- 3 fan speeds.
- Remote flame sense.
- Humidifier and electronic air cleaner connections (optional).

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 2.0 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)

Model Number	Pre-Purge	Delay Heat		Delay Cool		Auto Reset
		ON	OFF	ON	OFF	
50A66-743	15	45	60 / 90 / 120 / 180	2	2/45	60 minutes

CROSS REFERENCE

50A66-743 Replaces:

	Lennox	White-Rodgers
100925-01	30W25	50A66-122
100925-02	30W2501	50A66-123
100925-03	69M08	
17W92	69M0801	
17W9201	69M15	
23W51	69M1501	
23W5101		

HEATING