



21D83M-843

**21D83M-843 NITRIDE IGNITION
INTEGRATED FURNACE CONTROL**

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

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	
21D83M-843	15	45	60 / 90 / 120 / 180	2	2/45	60 minutes

21D83M-843 CROSS REFERENCE

21D83M-843 Replaces:

Lennox	White-Rodgers
10M9301 32M8801	50A65-120
12L6901 56L8401	50A65-121
24L8501	50A62-120
63K8901	50A62-121
97L4801	50A62-820
100925-01 30W2501	21D83M-843
100925-03 69M0801	50A66-122
17W9201 69M1501	50A66-123
23W5101 83M00	