

ICM2804 FURNACE CONTROL BOARD



Low cost, form, fit and functional replacement control board

Features

- Microprocessor-based
- Controls vent motor and blower control
- Monitors limit switch, pressure switch and gas valve
- 100% lockout safety feature
- Compatible with LP or Natural Gas
- Status LED for fault codes to aid in troubleshooting
- Replaces: Carrier CES0110074-00 and CES0110074-01

Note: This board functions identically as the CES0110074-00 and the CES0110074-01. It is a form, fit and functional replacement of the CES0110074-01. When replacing the CES0110074-00 some quick connectors have to be changed or added. EAC-1 and EAC-2 must have 1/4" connectors. COM, SEC-1 and SEC-2 must have 3/16"



Specifications

ENVIRONMENT

Ambient Temperature

- Operating: -40°F to 176°F - Storage: -40°F to 185°F

• Humidity: 5% to 95% R.H. (non-condensing) @ +55°F

• Vibration: 13.8Hz @ 0.2 Gs for one hour in each

orthogonal axis

ELECTRICAL

• Voltage Range: Line (98-132 VAC) @ 60Hz

• Cool Blower: 20A, 2 HP, 240 VAC

• Heat: 10A, 240 VAC

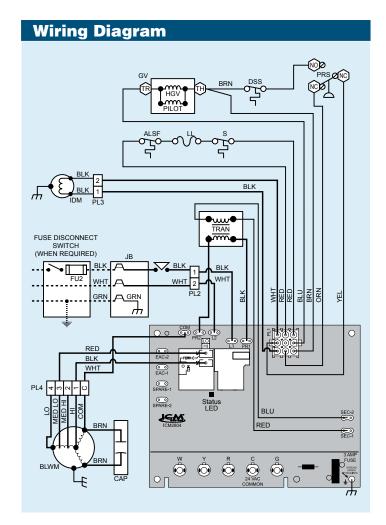
• Inducer Motor: 4A FLA, 8A LRA @ 120 VAC

TIMING

• Inducer Pre-Purge Time: 1 second • Heat Blower On Delay: 45 seconds

• Heat Blower Off Delays: 120 or 180 seconds

 Cool Blower On Delay: 1 seconds • Cool Blower Off Delay: 1 seconds



LIS226-2

All features and specifications subject to change without notice.

