



## 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" connectors.



### 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

### Wiring Diagram

