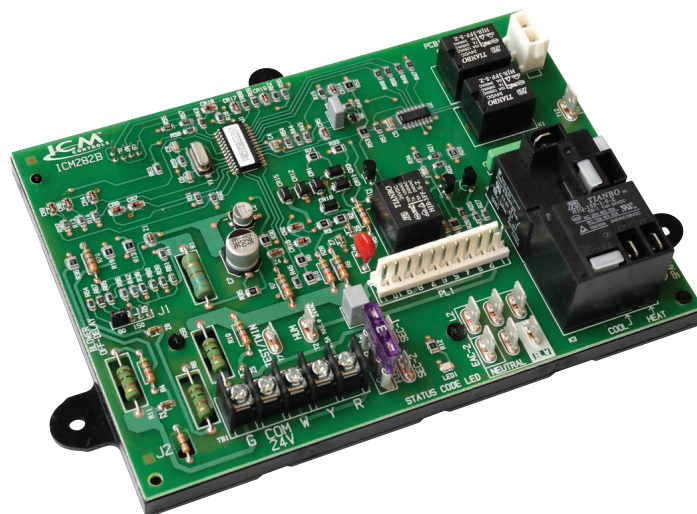




Low cost replacement furnace control board

Features

- Controls gas valve, ignitor, blower motor, inducer, humidifier and air cleaner
- Microprocessor-based
- Designed for 100% gas shutoff in case of ignition failure
- Twinning compatible with other ICM282B boards
- Reverse polarity protection
- Secondary brownout voltage protection
- Compatible with a 24 VAC standard thermostat
- Provides diagnostic LED to aid in troubleshooting



Specifications

Environment

- Ambient Temperature
 - Operating: -40°F to 149°F (-40°C to -65°C)
 - Storage: -40°F to 185°F (-40°C to -85°C)
- Humidity: 5% to 95% R.H. (non-condensing) @ +55°C

Electrical

- Voltage Range: Line (98 to 132 VAC) @ 60Hz
- Ignitor: 5A @ 120 VAC
- Cool Blower: 10A @ 120 VAC
- Heat: 5A @ 120 VAC
- Inducer Motor: 4A @ 120 VAC
- Gas Valve: 1.5A @ 24 VAC
- Humidifier: 0.5A @ 24 VAC maximum
- Electric Air Cleaner: 1A @ 120 VAC

Replaces

Carrier: CEBD431012-01A, CEPL131012-01, HK42FZ004, HK42FZ007, HK42FZ008, HK42FZ009, HK42FZ011, HK42FZ013, HK42FZ016, HK42FZ034 and 325878-751