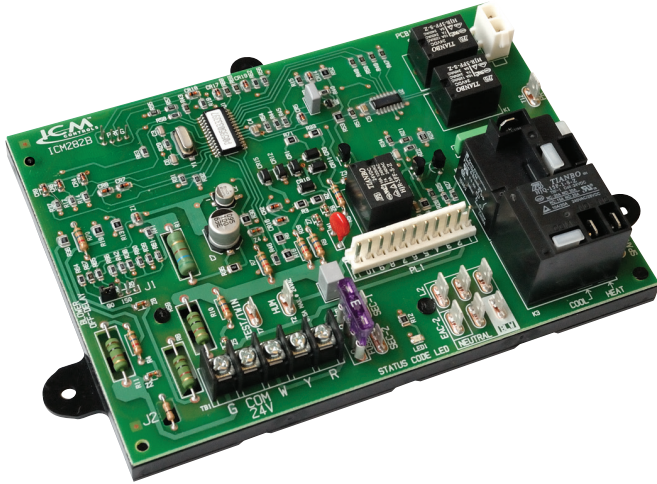




APPLICATIONS:

APPLIANCE | ELECTRICAL | HVAC/R | MARINE | POOL & SPA | RV



FEATURES

- ✓ Low cost replacement furnace control board
- ✓ 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

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

ENVIRONMENTAL

- **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
- **Dimensions:** 5.05" x 7.05" x 2.16"

REPLACES

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