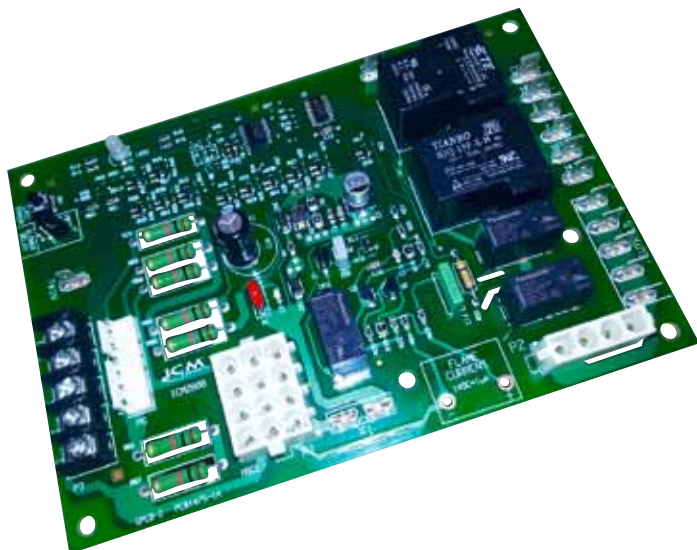




Low cost replacement furnace control board



Features

- Controls gas valve, Ignitor, blower motor, Inducer, humidifier, and air cleaner.
- Microprocessor-based precision
- Designed for 100% gas shutoff in case of ignition failure
- Twinning compatible with another ICM2808 control
- Reverse polarity protection
- Secondary brownout voltage protection
- Compatible with 24 VAC standard thermostat
- Provides dual-color diagnostic LED to aid in troubleshooting

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

ELECTRICAL RATINGS

- **Voltage Range:** Line (98 to 132VAC) @ 60Hz
- **Control Voltage Range:** 18-30VAC @ 60Hz
- **Relay Outputs:** Meets or exceeds O.E.M. board

TIMING

- **Heat Blower On Delay:** 30 seconds
- **Heat Blower Off Delay:** 90-180 seconds

Replaces

York: S1-331-03010000 and S1-331-02956000