



## Low cost replacement furnace control board



### Features

- Controls gas valve, ignitor, blower motor, inducer, humidifier and air cleaner
- Microprocessor-based precision
- Software for enhanced controls operation in counterflow and downflow furnace applications
- Designed for 100% gas shutoff in case of ignition failure
- Twinning compatible with another ICM282A control
- Reverse polarity protection
- Secondary brownout voltage protection
- Compatible with 24 VAC standard thermostat
- Provides diagnostic LEDs to aid in troubleshooting

### Specifications

#### Environment

- **Ambient Temperature**
  - Operating: -40°C to 176°F
  - Storage: -40°C to 185°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:** 30A, 2HP, 240 VAC
- **Heat:** 5A, 1/2 HP, 240 VAC
- **Inducer Motor:** 4A, FLA-8.0 LRA @ 120 VAC
- **Gas Valve:** 1.5A @ 30 VAC

### Replaces

**Carrier:** HK42FZ004, HK42FZ007, HK42FZ008, HK42FZ009, HK42FZ011, HK42FZ013, HK42FZ016