



Low cost, form, fit and functional replacement furnace control board



Features

- **Low cost, Goodman replacement board**
- **Microprocessor-based precision**
- **Controls inducer and blower fan motors, hot surface ignitor, and gas valve**
- **Monitors timing, trial for ignition, flame sensing, pressure and limit switches, and lockout**
- **Designed for 100% gas shutoff in case of ignition failure**
- **Reverse polarity protection**
- **Compatible with 24 VAC standard thermostat**
- **Twinning compatible with another ICM286 control board**
- **Compatible with LP or natural gas**
- **Provides diagnostic LED to aid in testing/troubleshooting**

Specifications

Time Delays

Trial for Ignition: 7 seconds
Pre-purge Time: 15 seconds
Ignitor Warm Up Time: 7 seconds
Post-Purge Time: 15 seconds
Total Trials for Ignition: 3 (auto rest after 1 hour)
Heat Blower On: 30 seconds
Heat Blower Off: Selectable 90/120/150/180 seconds
Fan (Heat) On/Off Delay: 1 second
Cool On: 5 seconds
Cool Off: 45 seconds

Electrical

Voltage: Line (98 to 132 VAC) @ 60Hz
Ignitor: 6A (resistive) @ 120 VAC
Cool Blower: 6A @ 120 VAC
Heat: 5A, ½ HP, 250 VAC
Inducer Blower: 2.2FLA – 3.5LRA @ 120 VAC
Gas Valve: 1.5A @ 24 VAC

Environmental

Ambient Temperature:
• **Operating:** -40°F to 176°F (-40°C to 80°C)
• **Storage:** -40°F to 185°F (-40°C to 85°C)
Humidity: 5% to 95% R.H. (non-condensing) at +55°C/131°F

Specifications

Goodman: PCBBF112S, B18099-26S, 0130F00005S