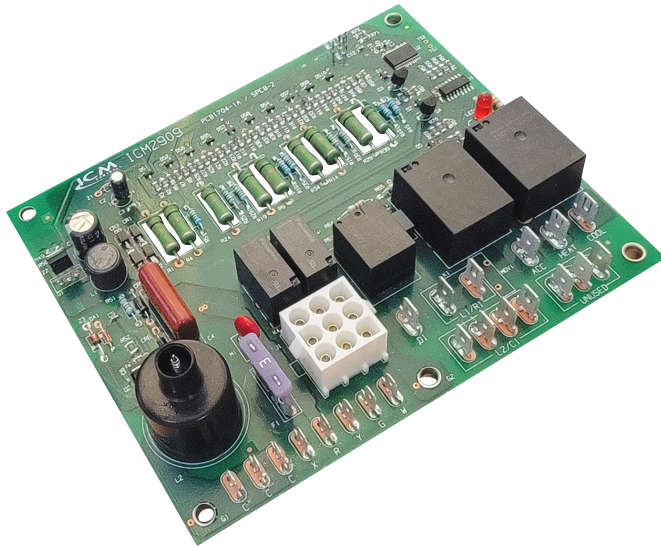




APPLICATIONS:

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



FEATURES

- ✓ Direct Spark Ignition (DSI) control board
- ✓ Microprocessor-based
- ✓ Monitors timing, Trial for ignition, system switches, flame sensing and lockout.
- ✓ 100% lockout safety feature
- ✓ Compatible with LP or Natural Gas
- ✓ LED indication for status and fault codes to aid in troubleshooting

SPECIFICATIONS

- **Inputs**
 - **Line Voltage:** 208-230 VAC, 50/60 Hz
 - **Control voltage:** 18-30 VAC, 50/60 Hz
 - **System switches:** Vent pressure, limit and MRLC (Manual Reset Limit Control)
- **Outputs**
 - **Heat N.C.:** 16FLA/30 LRA @ 277 VAC, 30K @ 85°C
 - **Cool N.O.:** 15FLA/36 LRA @ 277 VAC, 100K @ 85°C
 - **Inducer:** 9.8FLA/58.8LRA, 1/2HP @ 120 VAC, 6K @ 75°C
 - **Gas valve:** 2.3 A PILOT DUTY @ 240 VAC, 6K @ 75°C
- **Heat Operation**
 - **Pre-purge:** 3 seconds
 - **Heat blower ON delay:** 30 seconds
 - **Post-purge:** 5 seconds
 - **Heat blower OFF delay:** 90 seconds
 - **Ignition trial:** 7 seconds
 - **Inter-purge (retry):** 15 seconds
 - **Ignition activation period:** 5 seconds
 - **Flame establishing period:** 2 seconds
 - **Flame failure response time:** 0.8 seconds (maximum)
- **Fan Operation**
 - **Heat blower ON:** 1 second
 - **Heat blower OFF:** 1 second
- **Cooling Operation**
 - **Cool blower ON delay:** 1 second
 - **Cool blower OFF delay:** 30 seconds
- **Lockout Timing**
 - **Auto reset lockout:** 60 minutes
- **Environmental**
 - **Operating temperature:** -40°F to 175°F (-40°C to 80°C)
 - **Storage temperature:** -40°F to 185°F (-40°C to 85°C)
 - **Humidity:** 5% - 95% R.H. (non-condensing) at +55°C
 - **Dimensions:** 6.60" x 5.75" x 2.25"

REPLACES

- Rheem: 62-23599-01, 62-23599-02, 62-23599-03, 62-23599-04, 62-23599-05