

## ICM2907 DIRECT SPARK IGNITION BOARD



## **Features**

- Direct Spark Ignition (DSI) control board
- Microprocessor-based
- Controls inducer motor, blower motor, air cleaner (if equipped), spark ignitor and the gas valve
- Monitors timing, trial for ignition, system switches, flame sensing and lockout
- Compatible with LP or natural gas
- LED indication for status and fault codes to aid in troubleshooting



## **Specifications**

Input

Voltage: 18-30 VAC Frequency: 60 Hz

**Outputs** 

Inducer blower
Type: Relay

Rating: 1/6 HP @ 125 VAC

Gas Valves
Type: Relay

Rating: 1A @ 24 VAC

Blower Type: Relay

Rating: 1/4 HP @ 125 VAC

**Environmental** 

**Operating Temperature:** -40°F to 165°F (-40°C to 74°C)

Mechanical

Dimensions: 14.5" x 5"

Replaces

**Reznor:** 195265





## **Wiring Diagram** SE 24 VAC 120 COM VAC **Thermostat € ॐ** ILK **€** EAC/BLO HEAT L2 L2 **LEGEND SEC** Secondary **BLW** Blower L1 CAP COM Common **F1** Fuse SE Spark Electrode **EAC** Electronic Air Cleaner Junction M1 Park P1 9-Pin Connector Box Fuse Disconnect or Circuit ILK Interlock Switch PC3 5-Pin Connector **IND** Inducer Motor Ground Breaker

