

# ICM2906 Direct Spark Ignition Board



#### Features

- Direct Spark Ignition (DSI) control board
- Cooling and heating fan outputs
- 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

## Heat blower

Type: Relay Rating: 1/4 HP @125 VAC

#### Cool blower Type: Relay Rating: 1 HP @125 VAC

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

Mechanical Dimensions: 5" x 5.75"

### Replaces

Reznor: 195573

LIS277

All features and specifications subject to change without notice.

Phone 315.233.5266

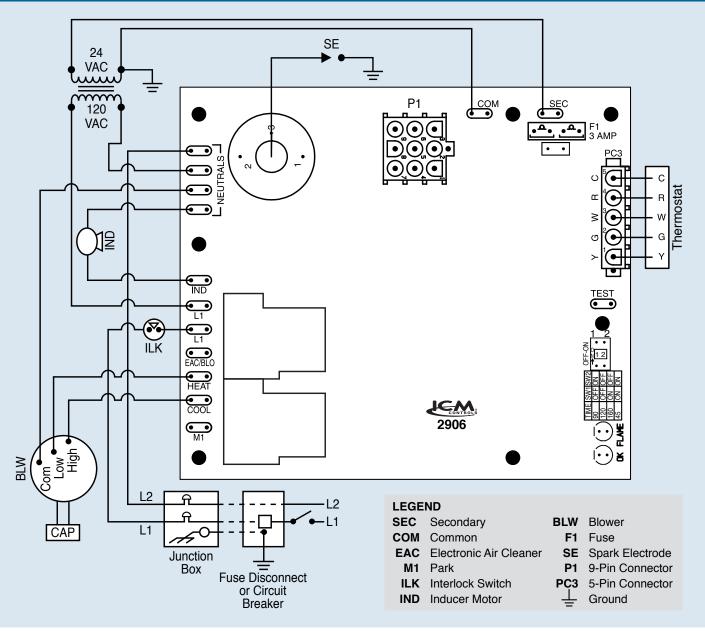








### **Wiring Diagram**





LIT P/N	ICM PART #	SIZE	CREATED BY	ENG SIGNOFF	DATE	ADDED TO DC BY	DATE	DOC ID#