

Replaces: Carrier HK61EA006 and HK61EA002

### SPECIFICATIONS

#### Input

- **Control Voltage:** 18-30 VAC
- **Frequency:** 50/60 Hz

T: 24 VAC Transformer

R: 24 VAC Fused

C: 24 VAC Common

G: Fan (thermostat)

#### Output

- **Type:** Relay Dry Contact
- **Form:** N.O., N.C., COM
- **Rating:** 2HP @ 277 VAC\*  
1HP @ 120 VAC  
2A Pilot Duty at 250VAC

\*when used in a system with a Listed Type 1, 2 or 3 SPD with a MCOV at least equivalent to the line-to-line voltage of the input system.

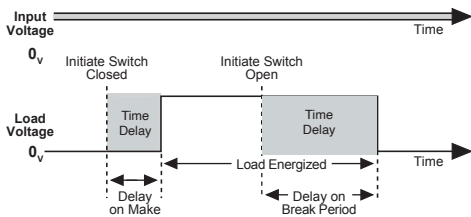
#### Time Delays

- **ON Delay:** 1 second
- **OFF Delay:** 1 second, 90 second selectable

#### Selectable Off Delay

- **Jumper on "0 SEC":** 1-second delay
- **Jumper on "90 SEC":** 90-second delay
- **Jumper removed:** 90-second delay

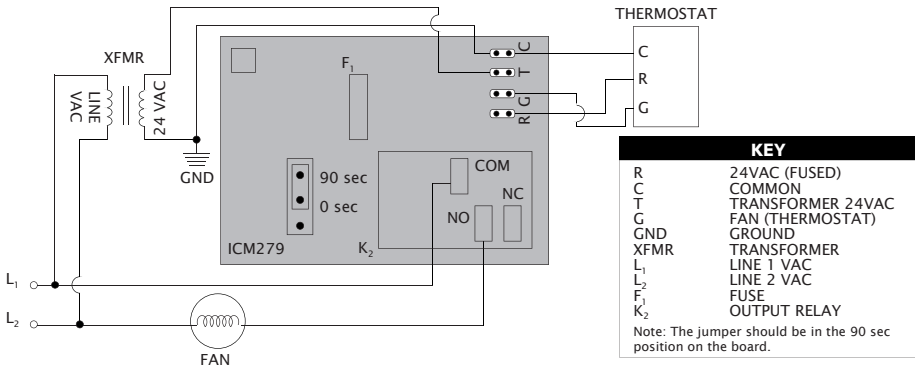
#### Timing Diagram



### MODE OF OPERATION

Upon application of power to the G terminal, the ICM279 recognizes a call for the blower and a 1 second delay on make period begins. After the 1 second ON delay, the control energizes the blower motor. Upon removal of power from the G terminal, the board will keep the blower on for an additional 90 seconds (if no jumper is installed or if the jumper is set to 90 seconds). At the end of the 90 second OFF delay, the blower will shut off.

### WIRING DIAGRAM



### TROUBLESHOOTING

Problem	Solution
Fan will not turn on	Check fuse (F1) Check for 24 VAC at R & C. Check for thermostat call
Only 1 Second Off Delay	Please check the jumper location is correct for the desired off delay timing