Features

- **Single or dual temperature inputs**
- **Heat pump bypass circuitry**
- **Low current pulse width modulated output**
- **Lead free design**

Mode of Operation

When probe temperatures are more than 25°F above the range adjust setting, the PWM output is 100% and the fan motor will run full speed. When probe temperatures fall above the range adjust setting but below the range adjust setting plus 25°F, the PWM will have a variable output 4%-100% and the fan motor will be in variable speed, proportional to the temperature probe with the highest reading. When probe temperatures are below the range adjust setting, the PWM output will be 0% and the fan motor will be off.

Specifications

- **Voltage:** 18-30 VAC
- **Frequency:** 50/60 Hz
- **Output:**
  – 13.5 VDC
  – 10mA max
  – 80 Hz, 0-100%
- **Operating Temperature:** -40°F to 158°F (-40°C to 70°C)
- **Storage Temperature:** -40°F to 185°F (-40°C to 85°C)
- **Temperature Probes:** 10 KOhm (NTC, J-Curve)

Replaces

Hoffman: 880-ECM(10)SSHP
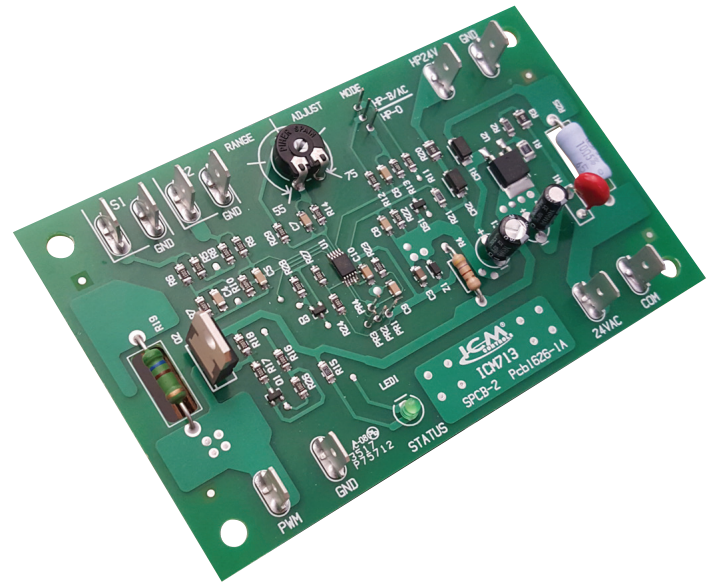
Heat Pump Bypass

Heat pump bypass mode runs the fan at full speed when the system is operating in heat mode. If the MODE jumper is in the HP-B/AC position and 24VAC is present at the HP24V terminal, then the fan motor is brought to full speed. If the MODE jumper is in the HP-O position and 24VAC is not present at the HP24V terminal, then the fan motor is brought to full speed. If no jumper is present, the control is in HP-O mode

Wiring Diagram

All features and specifications subject to change without notice.