

# ELECTRO INDUSTRIES - FIELD SERVICE BULLETIN

Bulletin Number 1091 Date October 10, 2005

Product Name WarmFlo – 2-Speed Heat Pump Interface Module

Affected Product Model Numbers: WF-HP2

Serial # 3290 through 4630

ARL # N/A through N/A

Production Date 11-03-2004 through 09-13-2005

## FIELD INFORMATION

### **Background**

During the original HP2 design it was assumed the “G” blower motor function is primary and it is required before the GE ECM motor reacts to any other speed inputs. It turns out that was not a good assumption. The GE ECM motor has a programming feature which disables the G priority function. In other words, speed selection inputs can be independent and independent of the “G” main blower on function or interface wire.

There are now gas furnaces and air handlers coming out where the “G” wire to the ECM motor is no longer a priority function.

The original units shipped, below serial number above, present an operating situation where the furnace Y1 and Y2 speeds are active at all times. Serial numbers after the above include a modification which interlocks furnace Y1 and Y2 such that they are only active when there is a call for cooling or a call for heat.

### **Symptom**

GE ECM motor is running at a higher than continuous air without a cool or heat call.

### **Solution**

Use WF-HP2 with serial number greater than above or return the control board to the factory for a simple 2-wire modification.

Approval  Date 10/10/05