



**Tech Bulletin:  
Cold Climate Controls / White-Rodgers  
Thermostat Incompatibility**

**Rev.: 10 June 2014  
P/N: TB14.004**

**Affected Units:**

Cold Climate HVC/GVC/TVC

**Discussion:**

We have discovered a compatibility issue with White-Rodgers thermostats and the main board in our Cold Climate HVC/GVC/TVC units. Through reports from the field, we discovered the White-Rodgers thermostats leak voltage from R to O, G, Y1, and Y2 approximately 1.3 to 1.8 volts. This is NOT a defective design by White-Rodgers. All thermostats by design allow voltage to flow continuously, usually less than one volt. In this instance the higher voltage passed by the White-Rodgers thermostats energizes the relays on the board in Cold Climate units. Field reports indicate this small bleed voltage will cause the unit to run continuously.

**Actions:**

We are in discussions with the board manufacturer. In the interim, we can offer an Aprilaire model 8600 or 8644 thermostat. We have tested and confirmed these thermostats will not allow excessive bleed voltage through to the relays. We have tested and confirmed reports that Honeywell 8000 series will also work.

No other Enertech produced models are affected by this bulletin. The White-Rodgers thermostats are not defective, just simply incompatible with our Cold Climate control boards until further notice.