

## Technical Service Bulletin

### Affected Products

New installations of 2100 Series room heaters manufactured with manual reset limit switches which are being installed in high altitude applications (above 6,000 feet).

### Description of Problem

When installing 2100 series room heaters in high altitude applications (above 6,000 feet), the core charging limit switch may open prematurely. This requires a service call to reset the manual reset limit switch. Depending on altitude, the limit switch could trip multiple times.

### Corrective Action

When installing a new 2100 Series heater in a high-altitude application, change the maximum core temperature set in Location 40 (L040) to the appropriate value according to the table below (Figure 2):

FIGURE 1

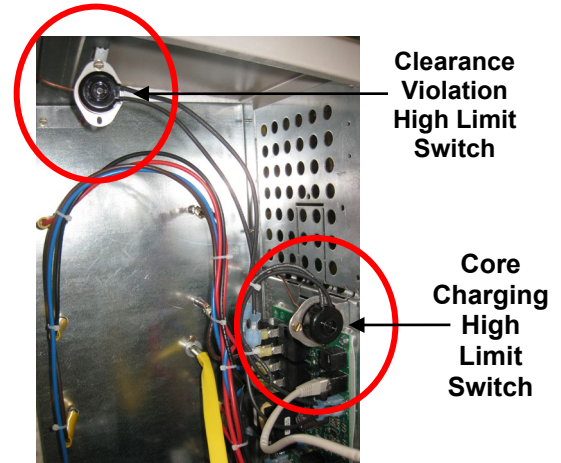


FIGURE 2

Altitude at Installation Site	Maximum Core Temperature (Location 40)
6000	1050
7000	1000
8000	950
9000	900

**NOTE:** *The storage capacity of the 2100 Series heaters will be reduced by approximately 5% for every fifty degrees. For example, at 7000 feet, the maximum core temperature would be reduced by 100 degrees, so the storage capacity would be reduced by approximately 10%.*

### Technical Support

If you have questions or concerns with the information provided in this technical bulletin, please contact Steffes Technical Support at 1-888-783-3337.