



Service Bulletin



SUBJECT: REFRIGERANT SAFETY BULLETIN

BULLETIN: C095-1

DATE: November 11, 2011

The industry is still researching for the best way to handle units that might have contaminated R134a refrigerant.

Based on what is known as of today, Thermo King's recommendations are as follows:

1. Make sure you are getting quality refrigerant from reputable sources and you have traceability of that refrigerant. You should consider requesting that your refrigerant supplier verify the quality of refrigerant being purchased.
2. As the industry is still determining best practices in how to detect and handle the contaminated refrigerant, we recommend not using a halide torch (flame) to test the quality of the refrigerant.
3. Consider using refrigerant identification tools (manufactured and sold by third party companies) available for verifying the purity of the refrigerant in a bottle.
4. Quarantine any refrigeration unit that may have contaminated refrigerant already installed. To our knowledge, currently there is no method developed to test a refrigeration unit that may have contaminated refrigerant already installed.
5. Work only on refrigeration systems where the service records of that unit can be provided. You should review the service records before performing any such repairs.

Take note that the use of the R134a refrigerant is not limited to reefer containers, and, in some regions, may have been used in truck and trailer units.

Finally, please take note that Thermo King Container units CSR, MAGNUM AND MAGNUM PLUS are manufactured with R-404A. To our knowledge the potential refrigerant safety issues reported recently have been linked to units manufactured with R-134a. That being said, as the industry and Thermo King continues to learn more about this developing issue, Thermo King recommends that you exercise a heightened degree of caution when handling any refrigeration units.

As more information becomes available, we will keep you updated.