

Freightliner Action Bulletin

FAB019

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Panasonic® Thermoelectric Refrigerator

Ordering a small refrigerator for the sleeper of a Freightliner truck offers the driver the convenience of keeping perishable snacks and soft drinks cool. Panasonic has designed a refrigerator especially for the trucking environment with no moving parts. The thermoelectric refrigerator has the ability to endure the vibration of the truck cab, while providing ultra quiet operation. It also includes low voltage disconnect and a processor to minimize power consumption. When parking for the weekend, the refrigerator no longer needs to be turned off. It will automatically disconnect itself from the batteries when the voltage drops below 12.2 volts. Once the engine is started and charging voltage reaches 13.2 volts or above, the refrigerator will start operating again. This ensures items within are cool for that first pit stop.



Cooling of this mobile refrigerator is achieved through the use of a heat exchange system that incorporates a thermoelectric (TEC) module, two fans and fluid circulation. Elimination of the compressor allows the unit to be lightweight (27 lbs.), quiet (26 dB), and environmentally friendly (no freon or ammonia gasses). Once the contents of the refrigerator have been cooled, this energy efficient unit will decrease power consumption to a level necessary to maintain cooling.

Other features include:

- 1.34 cu. ft. storage capacity
- Removable door shelf
- Two compartment shelves
- Rubber tubing throughout the cooling system
- Fan forced air ventilation
- FREIGHTLINER FACTORY WARRANTY

Selling Points

- No dead batteries from refrigerator operation
- Reduced maintenance with few moving parts
- Ability to store larger items with removable shelves
- Limited power consumption

Availability

Optional on Coronado, Columbia and Century Class S/T with 70-inch mid- or raised-roof SleeperCabs

Data Code

719-010 Panasonic NR-A4UT1 12-volt thermoelectric refrigerator with fan-forced vent and low voltage disconnect

Further Information

Pana-Pacific, OEM Division (www.panaoem.com)