

Dual Redundant & Explosion Proof Reefers

Dual and Explosion-Proof reefer system for an extra layer of dangerous or valuable cargo protection



Dual Redundant & Explosion Proof Reefers

Applications for Transport and Storage of Chemicals

- ▶ Polymeric beads for plastic injection molding (using dual NMR-262)
 - Extreme heat can cause chemical degradation
 - Freezing can cause damage to the material structure
- ▶ Adhesives, epoxies and self-reactive resins (using dual NMR-262)
 - Used for composite materials such as the Boeing 787 Dreamliner
- ▶ Organic peroxides (using dual NMR-262)
 - SADT
 - Utilized in a broad range of manufacturing processes as a catalyst for manufacture of plastics, a curing agent and explosives
- ▶ Diborane gas (using PFR-571-Z2)
 - Flammable gas utilized in the manufacturing of advanced semi-conductors

NMR-262

Nose-mount Redundant Container System

Provides ultimate flexibility and mobility for both transport and stationary applications. Can easily be mounted on a chassis for use at a dock, offering near-instant on-site freezer capability.



- 0°C to -29°C (-18°F to -20°F)
- Completely redundant with automatic switching in case of any failure and each system fully capable of maintaining required temperatures
- Designed for the rigors of intermodal transport in harsh conditions, but perfect for quick on-site storage
- Meets requirements of IMDG code 7.3.7.4.2.5 for certain class 4.1 and 5.2 goods

*Optional onboard generator set can be manually engaged or through an Automatic transfer Switch.

PFR-571-Z2

Container System

Designed to meet IMDG requirement 7.3.7.6.2 for flammable liquids with certain flashpoints and 7.3.7.6.3 for flammable gases with certain flashpoints.



- 29°C to -20°C (84.2°F to -4°F)
- Optional ATEX heater also available
- Designed and certified to ATEX requirements for explosive atmospheres

Thermo King® – by Trane Technologies (NYSE: TT), a global climate innovator – is a worldwide leader in sustainable transport temperature control solutions. Thermo King has been providing transport temperature control solutions for a variety of applications, including trailers, truck bodies, buses, air, shipboard containers, and railway cars since 1938. For more information, visit thermoking.com or tranetechnologies.com.

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