THERMO KING

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)
  - Self-accelerating decomposition temperature
  - 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)
- Fully redundant with automatic switching in the event of failure and each system is 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.

All trademarks referenced in this document are the trademarks of their respective owners.

© 2026 Trane Technologies. All Rights Reserved.
57733-8-PL (11/26)