



KLINGE CORPORATION

PRESS RELEASE - KLINGE CORP SEES RENEWED INTEREST IN DUAL REFRIGERATION SYSTEM TANK CONTAINER, TCR-262, FOR DANGEROUS GOODS

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Klinge Corporation has upgraded its 1992 designed special Dual Refrigeration System Tank Container Unit, Model TCR-262, in late 2015 to meet customer demands for heightened protection of dangerous chemicals.



The TCR-262 is based on the same platform as its popular air-cooled Dual Refrigeration System NMR-262 Unit used for transport of such items as organic peroxides and self-reactive substances. The TCR-262 utilizes a heat transfer fluid to cool liquid cargo in a tank container and features two refrigeration systems with two independent microprocessor thermostats controllers that communicate with each other to provide 100%

backup capabilities. In addition, an independent datalogger monitor cargo temperature and provides an additional alarm function.

Klinge Corporation's TCR-262 provides the ultimate protection for liquids requiring temperature control. The thermostats raise visual, audible, and remote alarms if the required cargo parameters are not met.

"This is critical as some of our customers are using the TCR-262 to transport organic peroxides and other self-reactive substances, which can cause severe fire and explosion hazards if not kept at the required temperature," says Klinge Corporation Vice President, Allan Klinge.



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“Our TCR-262 ensures safe transport of these types of dangerous goods with two refrigeration systems to ensure absolute security of hazardous liquids,” Mr Klinge continued. “The fact that these systems are end-mounted on the tank container also means that the equipment can be serviced at all times during the voyage, even when stacked on the vessel. We have seen an increase in interest from the steamship lines in this type of equipment when dealing with dangerous goods,” he noted.

The company has seen an uptick in the need for this type of equipment to transport hazardous goods. The most recent project was completed with specialty tank manufacturer, WEW Westerwalder Eisenwerk GmbH, a long-time Klinge partner in providing customized solutions.

The Dual Refrigeration System Tank Container TCR-262 is also available with an integral diesel generator set for emergency backup when shore power is not available. Or to provide power during truck or rail transport. This serves as an additional fail-safe for dangerous cargo in all modes of transport and storage.

About Klinge Corporation

Klinge Corporation is the leading provider of specialized transport refrigeration and power generation equipment. Founded as a spin-off of the Transport Refrigeration Equipment department of York International, Klinge has been producing refrigeration equipment at its manufacturing facilities and headquarters in York, Pennsylvania, USA for 29 years.

The company’s customized designs offer commercial and military customers robust alternatives to standard, mass-produced refrigerated containers which often cannot meet the requirements of harsh environments or stringent testing.

Klinge Corporation offers Dual Refrigerated Containers, Offshore Explosion-Proof Refrigerated Containers, Refrigerated Tank Containers, Blast Freezers, Ultra-Low Temperature Units, Quick Thaw Units, Integral and External Generator Sets, and Collapsible Food Storage Bins.

The company designs and manufactures the following:

- **Ultra-Low Temperature (-60°C) Freezer Containers** - for pharmaceuticals, ice cores, tuna, etc
- **Offshore Refrigerated Containers** - for Hazardous Zones such as oil rigs, oil tankers, and chemical plants



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- **Explosion-Proof Refrigerated Containers** - for Petrochemical, Self-Reactive and Like Products
- **Dual Refrigeration System Refrigerated Containers** (with 100% emergency backup capabilities) - for chemicals, pharmaceuticals, and dangerous goods.
- **Tank Refrigeration & Heating Units** - for ISO Containers, Road Trailers and Stationary Applications
- **Military Refrigeration and Air Conditioning Applications** - built to military standards
- **Transport Air Conditioning Units** - built to withstand extreme high temperatures & sandstorms
- **Pre-Coolers** - used for fruit and vegetables in the field allowing for longer shelf life
- **Transport Generator Sets** - built to withstand extreme high temperatures & sandstorms

For more information, please email Klinge Corporation's Vice President at allanklinge@klingecorp.com or visit www.klingecorp.com.