



Tradition and innovation

Looking towards the future, Klinge Corporation remains committed to the two keywords, which characterize the company: tradition and innovation. Continuing to build on excellence in design, engineering, and quality; we combine experience and expertise with top notch research and development to provide our customers with the product design that best meets their current needs.

Experience

Both our Management and Engineering departments are characterized by an average of more than 20 years of experience in the field of transport refrigeration. Klinge Corporation has maintained the high standards set by York Borg-Warner since our purchase of the transport refrigeration division in 1984, while constantly expanding the range of products offered.

Research and development

Growing concerns about the environment, safety, economy, and quality have altered the demands of the transport refrigeration industry. Not only are our Research and Development departments more vital than before, but their innovations have placed us on the leading edge. Klinge Corporation was the first in transport refrigeration to introduce both electronic and microprocessor controllers, and the first to offer units which use more environmentally friendly new refrigerants.

Other products

Quick thaw units
Mobile blast freezers
Pre-chilling containers
Deep freeze containers

Performance

Consistent and high performance are synonymous with the line of Klinge transport refrigeration products. The combination of our experience, research and testing have led to the development of products which meet the needs of our customers. Features such as maximum cooling capacity while utilizing a minimum of the cargo space, easy access for service and minimal maintenance requirements enhance the performance of all of our products.

Quality

Commitment to quality is the cornerstone upon which Klinge Corporation has built its reputation. Every step of production is carefully monitored. Quality in our product design and production extends to ensuring that all our products are extremely durable and easy to service and maintain. Klinge Corporation is certified to ISO 9001, further reinforcing its core values.

Service

Even the best and most well built machines require maintenance and service at some point in time. We stock parts for current and past models of York, Klinge, and several other brands of transport refrigeration equipment and generator sets. In addition, we have set up a worldwide network of contractors to provide service and parts.

Consulting and Contract Work

Klinge Corporation offers several other services to accommodate the wide range of our customers' activities, such as expert consulting in the field of "cold chain". In addition, we frequently develop and design products under contract to various customers.



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Generator Sets

Refrigeration Equipment



Chassis mounted generator set



Clip-on generator set



20ft refrigerated container with removable genset



Tank container refrigeration with genset



A wide range of generator sets is available. All share the ability to stand up to challenges of the transport refrigeration industry environment. Notable features include specially designed heavy duty, yet lightweight generators which can withstand continued use when exposed not only to the rigors inherent in transport by sea, rail and land, but also to the demands of use in ultra high ambient temperatures and other severe conditions which may be found in deserts.

Chassis mounted generator sets

Our Between-Rail-Genset models are structured with lightweight aluminum frames and are designed for mounting under container chassis for optimal weight distribution.

Military container solutions

Rugged special refrigeration solutions with or without integrated generator sets from as large as 40ft containers to as small as 1/4 of a 20ft container (Quad-containers). Design options for 50 deg C dust filled ambient and/or tolerant to M-1 and M-14 vibration conditions. Can be provided with a wide variety of shelving and other optional accessories.

Clip-on generator sets

Designed for installation on the ISO container frame top header or on the top corner castings on standard refrigerated containers, these units can be outfitted with fuel tanks of up to 150 gal. for an extended range of operation.

Rail generator sets

These generator sets have been specifically designed for rail applications; one example is those used on U.S. double stack trains, which travel from coast to coast without refueling. The generator sets can provide 50 to 120 kW electrical power for 5 to 10 refrigeration units for 40 foot refrigerated containers.

Integral generator sets

Heavy duty generator sets are mounted inside ISO container frames for integrated refrigerated containers and refrigerated tank containers, or in rail refrigeration machinery compartments. They feature rugged and reliable engines such as the Deutz oil or air-cooled engines, or equally dependable engines of the customer's choice.

Tank container heating

This compact heating unit with capacity from 6Kw to 125Kw can be mounted on the end or the side of new tank containers and as a retrofit on existing tanks. The heavy duty brine pump has proven to be very reliable in tank applications for more than 10 years.

Explosion proof dual circuit refrigeration unit and integral genset



Satellite Monitoring



Special refrigeration

Klinge offers a wide range of special designs, such as Deepfreeze, Blastfreeze or Pre-Chilling refrigeration units for container or stationary applications, with or without a diesel generator set.

Explosion proof dual circuit refrigeration

Increases in shipments of costly medicines and chemicals have led us to add options to our explosion proof dual circuit refrigeration units, such as a separate electronic datalogger with a printer and a temperature monitoring alarm systems. Power Line remote monitoring capabilities as well as interface to wireless or satellite monitoring are available. The dual circuit reefer unit offers 100% capacity redundancy for containers or trailers up to 53 feet. It also leaves room for an onboard heavy duty emergency generator set.

Satellite Monitoring

All refrigeration units and gensets can be outfitted with satellite monitoring modules which can track location as well as monitor box and ambient temperature, running condition, alarm status, fuel level, and much more. For hazardous cargo we offer round-the-clock notification and problem solving services.

Tank container refrigeration units

For the past 10 years, Klinge Corporation has been the world's leading manufacturer of refrigeration units for refrigerated tank containers. Units can be mounted within the ISO frame in the front, on the top or bottom of the side, or as a Clip-on design. For specially hazardous or valuable liquid cargo, we offer our special dual refrigeration circuit units with matching on-board heavy duty generator sets.

Picture frame refrigeration units

Our series of Picture frame refrigeration units for military and general purposes has been broadened by the addition of an explosion proof model for the transport of chemicals and other volatile products.

Rail refrigeration

After extensive research, several new refrigeration units and gensets have been developed specifically for the particular conditions encountered on rail tracks in locations throughout the world, such as Africa, Europe, Asia, and the U.S.

Rail air condition units

During the past 25 years, we have constantly improved our air conditioning designs for rail applications. Passenger expectation for comfortable temperature and humidity conditions have led us to develop a new series of rail A/C units which are adapted to each individual rail coach manufacturer's design.



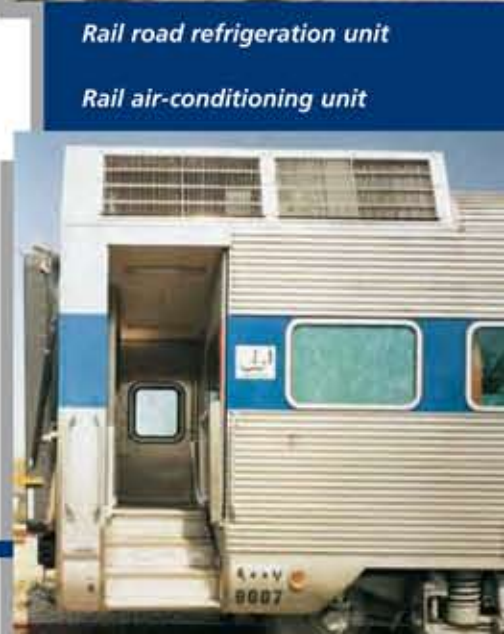
Tank container refrigeration unit



Picture frame refrigeration unit



Rail road refrigeration unit



Rail air-conditioning unit