TEMPERATURE CONTROLLED TANK CONTAINERS

AVAILABLE TANK TYPES

❖ REFRIGERATED
  • Electric powered glycol systems for cooling products sensitive to high temperatures

❖ HEATED
  • Electric powered glycol pump system for heating products that need to be kept in liquid form or elevated temperature. Also available, electrically heat traced systems providing circumferential heating.

❖ SUPER INSULATED
  • Above standard insulation thickness to extend temperature hold time and reduce temperature change

EXCELLENCE IN DESIGN AND GLOBAL SERVICE

❖ Lightweight compact designs that fit within the frame of the tank container
❖ Low noise output, minimal decibels
❖ Global service and parts network
❖ Technical personnel worldwide trained to work with OEMs to determine the optimal temperature controlled solution for each project.
❖ Maintenance & Repair personnel worldwide to assist with testing, regular service and maintenance of temperature control systems.

INDUSTRY APPLICATIONS

❖ Food and Beverage
❖ Resins and urethanes
❖ Medical and pharmaceutical
❖ Waxes and Latex
❖ Chemicals
❖ Mining
❖ Military
❖ Construction and building materials

THE FIRST CHOICE IN TANK CONTAINER LEASING

EUROTAINER S.A. / HEAD OFFICE
Espace Seine - 26 Quai Michelet
92309 LEVALLOIS PERRET Cedex France
📞 +33 (0)1 49 07 26 00  |  📞 +33 (0)1 49 07 24 31
✉️ head-paris@eurotainer.com  |  🌐 www.eurotainer.com
HEATED TANK CONTAINERS

- Glycol pump heater
  - Heating systems from US and European manufacturers
  - Installation in USA, Europe and Asia
  - 10000 to 24000 liter capacity tanks
  - All aluminum and steel fabrication consisting of an electrical resistance heater, pump and control box
  - Control boxes in a splash-proof, robust and fully insulated housing fitted to the side or end of tank containers, at customer’s preference
  - 10 – 12 kW heating power
  - Synthetic oils may be used for high temperature heating
  - Regulated heating to prevent thermal shock to sensitive products
  - Closed non pressurized system

- Electrically Heat Traced
  - Heating cables with high chemical resistance
  - Can be fitted by most tank container manufacturers or by some Eurotainer approved depots
  - 14000 to 21000 liter capacity tanks. Although larger capacities are suitable, it is recommended not to exceed 21m³ to allow for sufficient tank insulation
  - 15 kW heating power
  - Allows tank to be maintained or re-heated between ambient and 200°C
  - Control box fitted within the tank frame
  - Heating loops can be used to heat the discharge valves

REFRIGERATED TANK CONTAINERS

- Propylene glycol for food grade applications
- Ethylene glycol for non-food grade applications
- Control boxes fitted to side or end of tank containers at customer preference
- System maintains cargo and cooling liquid temperatures of -20°F (-29°C) to 84°F (29°C). Unit will function and work satisfactorily in ambient temperature from -40°F (-40°C) to 122°F (50°C)
- Aluminum frame, stainless steel hardware
- Designed to operate on: A/C 460/380 volts +/- 10%, 3 Phase 60/50 Hz +/- 2.5%
- Optional 5 kW heater
- Closed non pressurized system

SUPER INSULATED TANK CONTAINERS

- Used to extend the temperature hold time and reduce temperature loss or gain from loading temperature.
- An option when a separate heating system is not preferred.
- Tanks are fitted with coils to heat or cool with glycol, water or steam
- Custom build or modification to existing tank containers
- 10000 to 24000 liter tank capacity
- Insulation thickness from 60 to 100 mm
- Ideal for shorter transit time
- Various insulation mediums including Rockwool and Polyurethane foam

OPTIONS

- Heating/cooling coils on the top and bottom of tank barrels
- Circumferential heating/cooling coils
- Product recirculation, mixing and agitation systems
- “High heat” tank containers built to withstand products loaded and shipped at elevated temperatures (above 120°C)
- ATEX Certification and explosion proof systems
- Redundant heating and cooling systems
- GPS tank location monitoring
- Additional barrel insulation
- Level gauges
- Telemetry systems for monitoring product levels in tank containers. Battery and solar powered
- Data loggers to record product temperature
- High and low temperature alarms – visible and audible
- Traced and/or insulated valves, siphon tubes and valve compartments
- Combination heating and cooling system on one tank container

GO TO WWW.EUROTAINER.COM FOR MORE INFORMATION ON OUR TEMPERATURE CONTROLLED TANK CONTAINERS AND TO CONTACT YOUR LOCAL EUROTAINER OFFICE.