20' HC Refrigerated Container for -70°C

TECHNICAL DATA

GENERAL

ISO 6346 type	22RB
Operational Environment	The container is designed and manufactured for the carriage of deep frozen products at ambient temperature from +50°C to -30°C without effect on the strength of the structure. A Super Freezer refrigeration unit of a "one piece picture frame type" will be fitted to the front end frame. The container is designed with a refrigeration unit to maintain the inside space temperature at -10°C to -70°C
Standard and Regulations	The containers comply with following authorized standards and regulations: ABS, Bureau Veritas, Lloyds Register, ISO/TC-104, ISO1496-2, ISO-668, TIR, CSC. The containers will be constructed to be capable of being handled without permanent deformation on following basis: Lifting, loaded or empty, at top corner fittings vertically by means of spreaders fitted with hooks, shackles or twist-locks. Lifting, loaded or empty, at bottom corner fittings using slings with terminal fittings at any angle between vertical and 45 degrees to the horizontal.

TECHNICAL SPECIFICATIONS

Air (Q) and Heat (U) Leakages	The air leakage is approximately 5 m3/hr. when the inside pressure of the container is 25.4 mm water column. The total heat loss of the container is approximately 20 watt/°K at mean insulation wall temperature of 20°C.
Insulation Material	Cyclo Pentane blown rigid polyurethane foam; Flammability SE class (Self- extinguishing). In foamed sandwich panels where acrylic adhesive is coated on the inner surface of aluminum panels and stainless steel inner linings.

DIMENSIONS AND WEIGHTS

General	Dimensions are rated at standard temperature of 20 °C (68 °F). Max. Gross Weight (R) kg / lbs 24,000 52,911 Tare Weight (T) kg / lbs 4,050 8,929 Payload (P) kg / lbs 19,950 43,982 External dimensions: Length 6,058 mm 238.5 inch Width 2,438 mm 96.0 inch Height 2,591 mm 102.0 inch Internal dimensions: Length 5,410 mm 213.0 inch Width 2,058 mm 81.0 inch Height 2,179 mm 85.8 inch

FEATURES

Door access	Locking rods type w/quick entry. Width 1,100 mm (43.3") * 2,000 mm (78.7")
Escape door	Escape door build into door. Possible to open from inside if man-trapped
Floor	The floor is composed of corrugated sub-floor and floor flat with reversed T-shaped floor-board with insulation of polyurethane The corrugated sub-floor is welded to the lower bottom side rails. Four (4) drain holes are provided at the front and rear end of the container. There is the float valve in the drain cover, which adjusts water in and out automatically. Floor Flat Reversed T-shaped extruded aluminum, flat surface is 30 mm high.
Configuration	Internal light. Power on/off outside container Unit off button with timer relay (8 min from stop to start) Curtain Man-trap alarm button. Audio using buzzer + Visual with red flashing lamp
Optional	Door ramp 1,100 mm (43.3") wide

© Thermo King Europe 2023