

Zone 2 Refrigerated Offshore Containers DNV 2.7-1& EN12079

Refrigerated container



Certified by Lloyd's Register according to the EN12079 offshore regulations and now also built to DNV 2.7-1. The reefer containers are designed, built, tested and certified in compliance with these norms. The lifting equipment (WLL10 tons slings set) is certified as well.

The zone 2 rated models are certified in accordance to the ENN3410 norm allowing this unite to operate in a potentially hazardous environment. The unit features a modified Carrier refrigeration unit as pictured.

~Lease & purchase~

Standard specifications

- Control panels EEX-d-IIB-T5 with components mounted for the control according to electrical diagram 69NT-40.
- Electrical control box equipped with a window, allowing access to read control lights and DD display.
- External on/off switch and manual defrost control.
- External voltage selector.
- The CM, EMI and EM2 switches are transformed to 3 pole.
- CF-EF 2 x 6 intrinsic security relays are fitted for sensor PT100-RTS and STS-SST and thermostat HTT and DTT-IP.
- 3 x Explosion proof motors, 1 x Condenser fan motor & 2 x Evaporator fan motors.
- 3 x Explosion proof Magnetic valves.
- 5 x Explosion proof heating elements.
- 1 x Explosion proof pressure switch.



Refrigeration Package

Manufacturer	Carrier
Unit Type	69NT-40
Type of System	Picture Frame / all electric
Electrical system	380/460 Volt 50/60Hz
Cooling Capacity	at -18°C 4.9kW / +2°C 9.4kW
Power Consumption	14/16 Amp
Temp Recording	31 Day mechanical Partlow recorder
Temp Range	-22°C / +22°C at +32°C ambient
Automatic defrost	adjustable 3 – 6 – 12 or 24hrs
Compressor	6 Cylinders, 9/12.5 Hp
Refrigerant	R409a or R134a



Detailed Container Specification

External Dims	Length 2991 mm x Width 2438 mm x Height 2591 mm
Internal Dims	Length 2350 mm x Width 2260 mm x Height 2260 mm
Door Opening	Width 2260 mm x Height 2200 mm
Cubic Capacity	12m ³
Max Gross Weight	10.600 Kgs
Tare Weight	2.050 Kgs
Top & Bottom Side Rail	Corten steel/M.G.S.S or Aluminium
Outside roof & Sideline	Corten steel/M.G.S.S or Aluminium
Inside Lining	High grade stainless steel
Inside floor	Aluminium T-Bar floor

Optional

- Cargo net
- Chill curtain
- Zone rated Internal lighting
- Temperature (Partlow) recorder 5 year machinery warranty alarm

Necessary Provisions / Remarks

The unit should be connected at 380/460V, resistor: 25Amp. Slow. The plug: 32 Amp, 4 poles (3 phase + earth)