

SPECIFICATION SHEET

20' REEFER (R2) - TRIU6800404 -

Factory See Below

Manufacturer China International Marine Containers

Manufacture Date 05/2014

ISO Code 22R1

CSC F/BV/12588/14

TIR GB/C12314 BV/2014

Box Specifications

General

Box builder:	TCRC
Max gross weight:	30,480 kg
Tare weight:	2910 kg
Max payload:	27,570 kg
Max heat leakage:	23.0 kcal/hr/c
Max air leakage @ 25 mm SWG:	< 3.0 m ³ /hr
Internal length:	5456 mm
Internal width:	2288 mm
Internal height:	2263 mm
Cubic capacity:	28.2 m ³
Net cubic capacity (below load line):	27.3 m ³
Height to load line:	2188 mm
Door opening height:	2264 mm
Door opening width:	2290 mm

Exterior Construction

Exterior Cladding:	Steel
Front and Rear frame:	Corten, hot zinc sprayed + paint
Roof panel:	MGSS, 0.8mm
Side panel:	MGSS+ paint, 1.0mm
Top rails:	Steel, hot zinc sprayed + paint
Bottom rails:	Steel, hot zinc sprayed + paint
Doors:	MGSS + Paint
Underfloor:	Corrugated - Corten
Underfloor crossmembers:	non applicable
Paint on steel parts:	All steel panels have Waterborne Marine Protective paint system
Genset receptacles:	Receptacles for clip-on diesel generators

Interior Construction

Roof lining:	Stainless steel, 0.8mm
Side lining:	0.7mm BN4 with battens
Door lining:	0.7mm BN4 with battens
Floor:	Alu T floor, 40mm
Drains:	2 at front, 2 at rear
Insulation:	Polyurethane foam
Insulation blowing agent:	CP
Scuff Liner:	Included

Tests

Airflow and ventilation rate:	ATO-DLO (Sprenger) approved
<p>Container is fully tested in accordance with ISO requirements:</p> <ul style="list-style-type: none"> • Max Gross Weight of 24,000 kgs • Sidepanel test is 0.6 P • Floor test is ISO plus 33% 	

Machinery Specifications

General

Cooling machinery manufacturer:	Carrier Transicold		
Machinery model name:	PrimeLine		
Machinery model number:	69NT40-561-200		
Refrigerant:	R134a with Seal		
Microprocessor:	Microlink 3		
Internal depth:	420 mm		
Unit weight:	531 kg		
Power requirements:	Single Voltage 360/460 V, 50/60 Hz, 3 phase		
Power draw (cooling): (Based on 38°C ambient and 60Hz power supply)	Return air	kcal/hr	Power KW
	-18°C	4500 - 5400	6.1 - 8.2
	+2°C	8000 - 11000	9.1 - 11.0
Heating capacity:	4500 kcal/hr		
Evaporator air flow:	High speed: /hr Low speed: /hr		
Fresh air renewal:	0 - 285.0 m ³ /hr		
Noise level:	72 db (A)		

Machinery Options

Water cooled condenser:	Not included
Temperature recorder:	Not Included
Datacoder:	Integral
Power Up rechargeable battery:	Included
RMU - Power line modem:	Not included
4 pin monitoring receptacle:	Not included
USDA receptacles:	Included
De-humidification:	Included
Transducer:	Included
Controlled atmosphere:	Provision for XtendFRESH

Machinery Remarks

Condenser coil:	C-shaped - High capacity
Compressor:	Scroll

