

## Technical Specifications – Reefers, Steel Outer Cladding

### Exterior Construction

Front and Rear Frame:	Hot zinc spray high tensile steel
Roof Panel:	High grade stainless steel
Side Panel:	Muffler grade stainless steel
Doors:	Plymetal
Top and Bottom Rails:	Hot zinc spray high tensile steel
Crossmembers/Floor:	Aluminium or steel/Corrugated
Genset Receptacles:	Yes

### Dimensions - Internal

	20' Standard	40' Standard	40' High Cube
Length:	5,440 mm	11,583 mm	11,583 mm
Width:	2,294 mm	2,294 mm	2,294 mm
Height:	2,276 mm	2,276 mm	2,548 mm
Door Opening Width:	2,294 mm	2,294 mm	2,294 mm
Door Opening Height:	2,264 mm	2,264 mm	2,571 mm
Cubic Capacity:	28.4 m <sup>3</sup>	60 m <sup>3</sup>	67.7 m <sup>3</sup>

### Weight & Payload

	20' Standard	40' Standard	40' High Cube
Tare Weight ( <i>incl. machinery</i> ):	3,140 kg	4,900 kg	4,575 kg
Maximum Gross Weight:	27,000 kg	32,500 kg	34,000 kg
Maximum Payload:	23,860 kg	27,600 kg	29,425 kg

### Interior Construction

	20' Standard	40' Standard	40' High Cube
Roof Panel:	Aluminium, one piece, with small corrugations		
Side Panel:	Stainless steel, corrugated panel		
Doors:	Aluminium sheet		
Floor ( <i>high aluminium extruded T shaped</i> ):	40.0 mm	63.5 mm	63.5 mm
Drains:	2 front and 2 rear		

### General

	20' Standard	40' Standard	40' High Cube
K value ( <i>heat leakage incl. machinery</i> ):	21.0 kcal/hr/°C	21.0 kcal/hr/°C	21.0 kcal/hr/°C
Max Air Leakage @ 25 mm SWG:	5.0 m <sup>3</sup> /hr	5.0 m <sup>3</sup> /hr	5.0 m <sup>3</sup> /hr

### Tests

	20' Standard	40' Standard	40' High Cube
Floor Strength ( <i>axle load</i> ):	7,260 kg	7,260 kg	7,260 kg
Stacking Height:	9 High	9 High	9 High
Stacking Test Load per Post:	97,200 kg	97,200 kg	97,200 kg
Container Classification:	Bureau Veritas		
Thermal Test:	In compliance with ATP standard		
Airflow and Ventilation Rate:	In compliance with ATO/DLO (Sprengr approved)		

### Machinery

The above equipment can be supplied with the latest Carrier Transicold, Thermoking & Mitsubishi machinery. This machinery can be fitted with any combination of options including, humidification, dehumidification, remote monitoring, controlled atmosphere, USDA, water cooled condensers, dual voltage, pressure transducers & temperature recorders.