



Engineered to outperform

## Product sheet



Lowest energy consumption



R513A Optimized

Double reefer plug utilisation

Lower weight

High refrigeration capacity

ITI Intelligent Trip Inspection

Improved airflow

Stronger design

Higher re-sale value

Damage resistance

Less down-time - higher utilisation

M&R costs kept to a minimum

Superior cargo protection

Better insulation

### Options

- CA ready
- Star Cool CA
- Automatic ventilation
- CA+
- StarConomy
- Water cooling
- Humidity sensor
- Q Liner® thermoplastic lining
- Ultra light box design
- Reinforcements for high utilization

### Dimensions

	20'			40'HC		
	External	Internal	Door opening	External	Internal	Door opening
Length (mm)	6,058	5,451	-	12,192	11,585	-
Width (mm)	2,438	2,290	2,290	2,438	2,290	2,290
Height (mm)	2,591	2,263	2,252	2,896	2,545	2,557
Cargo access height	-	-	2,228	-	-	2,510
Internal cubic capacity	28.3 m <sup>3</sup>			67.5 m <sup>3</sup>		
Max gross weight	30,480 kg (67,200 lbs)			34,000 kg (74,960 lbs)*		
Tare weight	2,840 kg (6,260 lbs)			4,420 kg (9,740 lbs)		
Max. payload	27,600 kg (60,940 lbs)			29,510 kg (65,220 lbs)		
Stacking test load	102,375 kg (225,690 lbs)			102,375 kg (225,690 lbs)		
Heat leakage, U-value (U10)	23 W/K (20 kcal/hr. deg.C max.)			42 W/K (36 kcal/hr. deg. C max.)		
Air leakage	3.0 m <sup>3</sup> /h (at 25.4 mm H <sub>2</sub> O)			3.0 m <sup>3</sup> /h (at 25.4 mm H <sub>2</sub> O)		

\*1) MGW specs up to 38,500 kg available

### Cladding

	20'		40'HC	
	External	Internal	External	Internal
Side	MGSS 1.0/1.2 mm	HGSS 0.7 mm	MGSS 0.8/1.2 mm	HGSS 0.7 mm
Roof	MGSS 0.8 mm	PP white AL 0.8 mm	MGSS 0.8 mm	PP white AL 0.8 mm
Base	MGSS 0.8 mm	40 mm high AL T-floor	MGSS 0.8 mm	63.5 mm high AL T-floor
Door	MGSS 1.6 mm	HGSS 0.7 mm	MGSS 1.6 mm	HGSS 0.7 mm

### Frames

	20'	40'HC
Front corner posts	Outer corten 6.0 mm; Inner corten 2.0 mm	Outer corten 6.0 mm; Inner corten 2.0 mm
Rear corner posts	Outer corten 6.0 mm; Inner corten 8.0 mm	Outer corten 6.0 mm; Inner corten 8.0 mm
End rails	Corten 4.0 mm	Corten 4.0 mm
Side top rail	Corten 4.0 mm	Corten 4.0 mm
Side bottom rail	Corten 4.0/3.0 mm	Corten 4.0/3.0 mm

### Star Cool

Refrigerant	4.5 kg HFC-R134A
Power supply	3 phase, 350/500 Volt, 50/60 Hz
Noise	Less than 75 dB(A) in 250 Hz band

### Cooling capacity at 37.8° C (100° F) ambient

+1.7 C (35F)	11,500 watt	9,890 kcal/h	(39,250 BTU/H)
-18 C (0F)	6,500 watt	5,590 kcal/h	(22,180 BTU/H)
-29 C (-20F)	4,000 watt	3,440 kcal/h	(13,650 BTU/H)