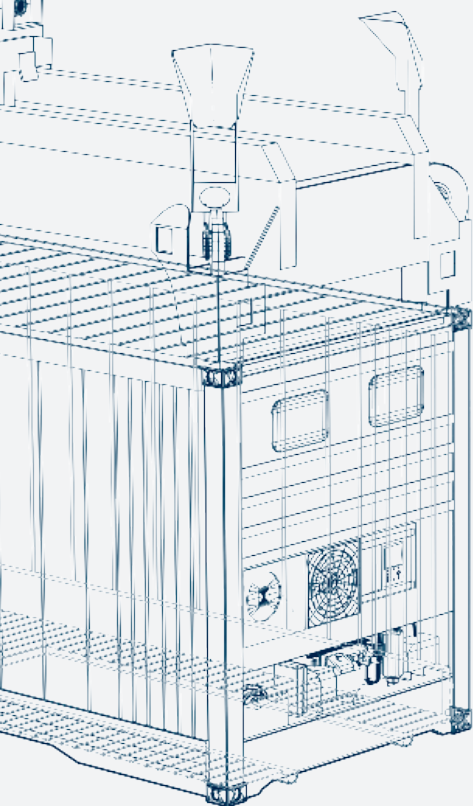




For domestic cold storage use



With more than 400,00 machines sold since 2005, Star Cool is well established as the second largest reefer brand in the global market. The innovative Star Cool is engineered to meet the needs of the most demanding customers, while minimizing costs and environmental impact.



Low noise



Energy efficiency



Best insulation



Easy to service

Examples of Star Cool's advantages for stationary use compared to alternative types of reefers.

Low noise

The Star Cool compressor is managed by a variable speed frequency converter that ensures the compressor is only running as fast as is needed to reach and maintain temperature. This industry unique feature makes Star Cool the quietest in the market making it suitable for use just about anywhere.

Dual plugging

Star Cool's main circuit breaker only draws 16 amps, so its possible to run two reefers off of each 32 amp power outlet, with a "power splitter." You'll experience "no dimming of the lights" on compressor start-up, as minimal current draw is ensured by use of the frequency converter.

Display

All operating information, such as temperature, settings and performance are easily accessible on a large LCD screen. Data from the last 12 months is recorded and can be downloaded or displayed as text or graph.

Spare parts

Star Cool spare parts can be delivered within five working days from one of our +400 service providers.

Refrigerant

Star Cool reefers are normally charged with R134a refrigerant, but can operate with R513A - a refrigerant with a 56% lower GWP. The reefers can be charged interchangeably with either R134a or R513A without need to change hardware components or software.



Remote monitoring

All Star Cools can be fitted with a Sekstant Gateway that enables access to real-time reefer information, monitoring and reporting systems.

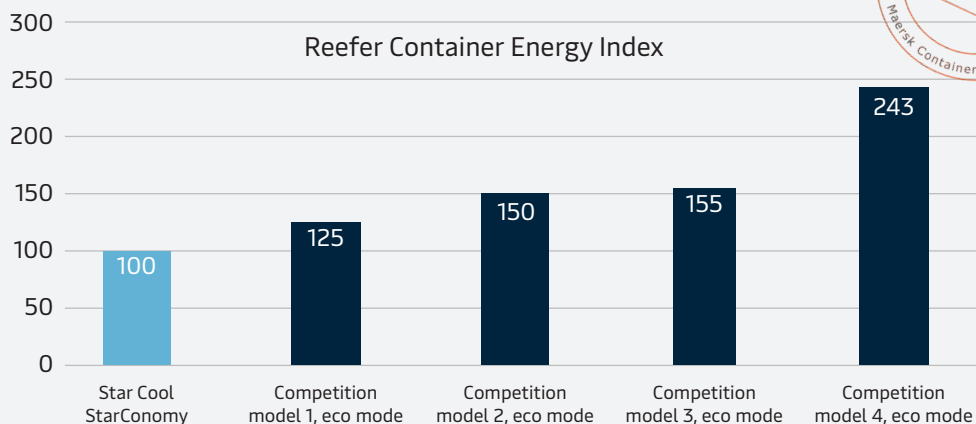
The Sekstant gateway includes wide-band 4G LTE connectivity in a single device design, sharing battery charging with the reefer's controller.





Energy efficiency

Star Cool obtains industry leading energy efficiency achieved in large part by demand based operation of the compressor managed by the frequency converter, the enhanced super heat control and Star Cool controllers' optimal overall system control.



* Disclaimer: The verification is limited to the energy efficiency relatively to each other.

Dimensions						
	20'			40'HC		
	External	Internal	Door opening	External	Internal	Door opening
Length (mm)	6,058	5,454	-	12,192	11,583	-
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 ³			67.5 m ³		
Max gross weight	30,480 kg (67,200 lbs)			34,000 kg (74,960 lbs)*		
Tare weight	incl. Star Cool (380 kg) 2,890 kg (6,370 lbs) Integrated Star Cool 2,840 kg (6,260 lbs)			incl. Star Cool (380 kg) 4,380 kg (9,660 lbs) Integrated Star Cool 4,330 kg (9,550 lbs)		
Max. payload	27,640 kg (60,940 lbs)			29,670 kg (65,410 lbs)		
Stacking test load	102,375 kg (225,690 lbs)			102,375 kg (225,690 lbs)		
Heat leakage, U-value (U20)	26 W/K (22 kcal/hr. deg.C max.) Integrated SC 26 W/K (22 kcal/hr. deg.C max.)			44 W/K (38 kcal/hr. deg.C max.) Integrated SC 43 W/K (37 kcal/hr. deg. C max.)		
Air leakage	2.5 m ³ /h (at 25.4 mm H ₂ O)			2.5 m ³ /h (at 25.4 mm H ₂ 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 0.8/1.0 mm	P.P white AL 0.8 mm	MGSS 0.8/1.0 mm	P.P white AL 0.8 mm
Base	MGSS 0.8/1.0 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

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