

Reefer / Refrigerated Container Specifications



6m (20ft) Reefer

6m Reefer Containers are the perfect solution for the transport or storage of perishable cargo. They have safe and secure lockable doors and reliable refrigeration machinery.

External Dimensions	L	W	H
6m Reefer	6.058m	2.438m	2.591m

12m (40ft) Reefer

12m Reefer Containers allow for large scale storage and transport of perishable cargo.

External Dimensions	L	W	H
12m High Cube Reefer	12.192m	2.438m	2.896m

Domestic Reefer

We offer specifically designed reefers for the static storage market which include features such as easy to open doors, internal lighting, emergency exit door and a man trap alarm.

External Dimensions	L	W	H
6m Reefer	6.058m	2.438m	2.591m

Type	Container Weight			Interior Measurements				Exterior Measurements			Door Opening	
	Gross (KG)	Tare (KG)	Payload (KG)	Length (m)	Width (m)	Height (m)	Capacity (m ³)	Length (m)	Width (m)	Height (m)	Width (m)	Height (m)
20ft	30480	2940	27540	5,454	2,294	2,273	28,439	6,058	2,438	2,591	2,290	2,221
40ft	35000	4700	30300	11,588	2,280	2,537	67,029	12,192	2,438	2,896	2,290	2,502

- Temperature controlled – either insulated, refrigerated, and/or heated containers, for perishable goods

Installation requirements:

Refrigerated shipping containers (Reefers) require the following installation process in order to connect correctly to the existing power grid.

The site needs to be level and needs to be built from a suitable material that will prevent the container from sinking into the ground. It is important to make sure that the front and back of the unit is level and that the doors are square. A slight fall towards the door end will facilitate the cleaning of the interior of the unit with a high-pressure water sprayer. This fall should be around 3 to 4 degrees, allowing water to run freely from the unit when cleaning the interior.

Electrical Specifications:

Each refrigerated container (Reefer) is supplied with a length of power cable of between 10 and 15 meters of 4 core, 4mm² cable. There is also a standard marine grade IP65 rated CEE 17 plug with a 3 °Clock earth pin fitted to this cable.

The electrical point required is as follows: A CEE 17 coupler with 3 ° clock earth with a 32A D curve circuit breaker to protect the cable components of the container. A second option is to remove the C17 plug completely and wire directly into a 32A D Curve circuit breaker – however the important issue is to make sure that electrically you meet the local electrical standard. The electrician who does the installation should be able to assist you with these details.

Important to note is the requirement of a **“D” curve circuit breaker – or motor start breaker**. A normal industrial light start breaker will breakdown and cause single phasing and power supply problems. Please also note that the reefers require a 3 Phase plus Earth connection – NO NEUTRAL is required.