Guide to Ocean Freight Containers

Select a category:

Introduction

The following Guide to Ocean Freight Container Specifications is provided courtesy of Hapag-Lloyd America Inc. The container specifications listed are virtually standardized world-wide. However, the possibility exists that individual container manufacturers and shipping lines will have container specifications which vary somewhat from those listed in this section. Be certain to inquire about precise specifications from your shipping line or forwarder when you arrange for a shipment.

Values / Details

All values listed in the tables are given in metric. Ft and lbs values are for easy reference only.

All details listed are nominal figures. Apart from the tolerances given on internal dimensions below the tare weight can vary +/- 2%.

General Information

External and Minimum Internal Dimensions

The following table gives the overall external dimensions as standardized in ISO 668 and the minimum internal dimensions and door openings for General Purpose Containers as standardized in ISO 1496-1.

	Length		Width	Height		
Dimensions	20' 6,058 mm	40' 12,192 mm	8' 2,438 mm	8'6" 2,438 mm	8'6" 2,438 mm	9'6" 2,896 mm
Minimum Internal Dimensions	5,867 mm 19'3"	11,998 mm 39' 4 3/8"	2,330 mm 7'7 3/4"	2,197 mm 7'2 1/2"	2,350 mm 7'8 1/2"	2,655 mm 8'8 1/2"
Minimun Door Opening Dimensions	-	-	2,286 mm 7'6"	2,134 mm 7'	2,261 mm 7'5"	2,566 mm 8'5"

Internal Dimensions

The internal dimensions and door openings of most containers exceed the above given dimensions. However, the dimensions mentioned on the following pages are nominal figures. Because of production tolerances a difference in measurements is possible:

Tolerances	Length	Width	Height
Maximum Difference	10 mm 3/8"	10 mm 3/8"	10 mm 3/8"

Maximum Gross Weights

20' containers:

24,000 kg (52,910 lbs) according to the latest issue of ISO 668;

30, 480 kg (67,200 lbs) valid for most Hapag-Lloyd 20' containers; exceeds ISO minimum standards.

40' containers:

30,480 kg (67,200 lbs).

Floor Loads

A container floor is capable of carrying a fork-lift truck with a maximum axle load of 5,460 kg (12,040 lbs), if the contact area per wheel is at least 142 cm2 (22 sq.in) (ISO 1496/I).

Concentrated Loads

When stowing heavy cargo in containers other than flats or platforms due care has to be taken that concentrated loads will not exceed the strength of the bottom construction of the container.

The maximum spreaded load should not exceed

-for 20' containers 4 ts per running meter in length (3' 3.5")

-for 40' containers 3 ts per running meter in length.

Gooseneck Tunnel on 40' Containers

All Hapag-Lloyd 40' containers are fitted with a Gooseneck tunnel to enable the transport on Gooseneck chassis.

Timber Treatment

Exposed timber is treated according to Australian requirements (exceptions: 40' flats and platforms).

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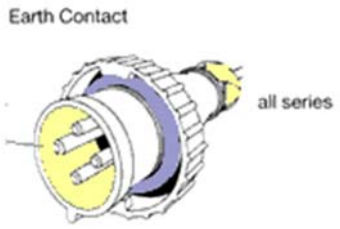
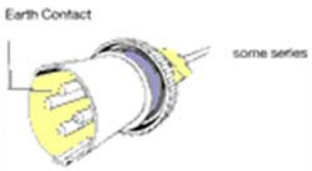
The following are electric plug configurations for refrigerated containers.

- Depending on power sources refrigerated containers are equipped with 1 or 2 plugs
  380V/50Hz to 460V/60Hz (32 A),
  200V/50Hz to 220V/60Hz (60A).
- There are fixed cables with a length of 15 m (49 ft).
- Couplings for adapters are available.
- Adapters are subject to corresponding safety regulations.



380/460 V plugs

- 4 poles according to CEE.
- According to ISO 1496-2 annex M.
- Earth contact in 3rd position according to socket.



200/220 V plugs

- 4 poles
- According to ISO 1496-2 annex O.
- Position of earth contact according to illustration.

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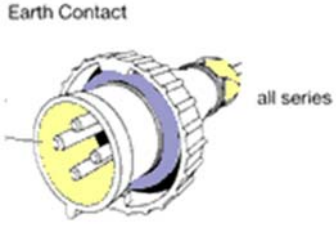
Categories (For Link Above)

Electric Plugs

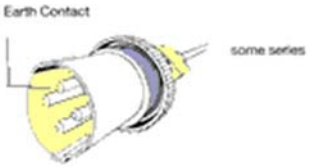
The following are electric plug configurations for refrigerated containers.

- Depending on power sources refrigerated containers are equipped with 1 or 2 plugs
  380V/50Hz to 460V/60Hz (32 A),
  200V/50Hz to 220V/60Hz (60A).
- There are fixed cables with a length of 15 m (49 ft).
- Couplings for adapters are available.
- Adapters are subject to corresponding safety regulations.



380/460 V plugs

- 4 poles according to CEE.
- According to ISO 1496-2 annex M.
- Earth contact in 3rd position according to socket.



200/220 V plugs

- 4 poles
- According to ISO 1496-2 annex O.
- Position of earth contact according to illustration.

General Purpose Container 20'

- Suitable for any general cargo.
- Containers may be equipped with liner bags suitable for bulk cargo, e.g. malt.
- Fork-lift pockets on a number of containers.
- Various lashing devices on the top and bottom longitudinal rails and the corner posts.
- Lashing devices have a permissible load of 1,000 kg (2,205 lbs) each.
- Note permissable weight limits for road and rail transport.

General Purpose Container 20'

Construction	Inside Dimensions			Door Opening		Weights			Capacity
	Length mm ft	Width mm ft	Height mm ft	Width mm ft	Height mm ft	Max. Gross kg lbs	Tare kg lbs	Max. Payload kg lbs	 m3 cu.ft.
8'6" high									
Steel container with corrugated walls and wooden floor	5,895 19'41/8"	2,350 7'81/2"	2,392 7'101/8"	2,340 7'81/8"	2,292 7'61/4"	30,480 67,200	2,250 4,960	28,230 62,240	33.2 1,172
	5,895 19'4"	2,350 7'81/2"	2,385 7'97/8"	2,338 7'8"	2,292 7'61/4"	24,000 52,910	2,250 4,960	21,750 47,950	33.2 1,172

	5,879 19'33/8"	2,330 7'73/4"	2,370 7'91/4"	2,330 7'73/4"	2,290 7'61/8"	24,000 52,910	2,250 4,960	21,750 47,950	33.0 1,165
	5,889 19'37/8"	2,346 7'83/8"	2,372 7'93/8"	2,330 7'73/4"	2,272 7'51/2"	24,000 52,910	2,360 5,200	21,640 47,710	32.8 1,158
	5,885 19'4"	2,350 7'81/2"	2,403 7'105/8"	2,338 7'8"	2,292 7'61/4"	24,000 52,910	2,150 4,740	21,850 48,170	33.15 1,170
	5,884 19'35/8"	2,335 7'8"	2,390 7'10"	2,335 7'8"	2,292 7'61/4"	24,000 52,910	2,200 4,850	21,800 48,060	33.1 1,169
	5,899 19'41/4"	2,350 7'81/2"	2,394 7'101/4"	2,338 7'8"	2,280 7'53/4"	24,000 52,910	2,180 4,810	21,820 48,100	33.2 1,172
	5,891 19'37/8"	2,330 7'73/4"	2,376 7'91/2"	2,330 7'73/4"	2,272 7'51/2"	24,000 52,910	2,300 5,070	21,700 47,840	33.0 1,165
	5,880 19'31/2"	2,330 7'73/4"	2,380 7'95/8"	2,330 7'73/4"	2,275 7'51/2"	24,000 52,910	2,300 5,070	21,700 47,840	33.0 1,165

General Purpose Container 40'

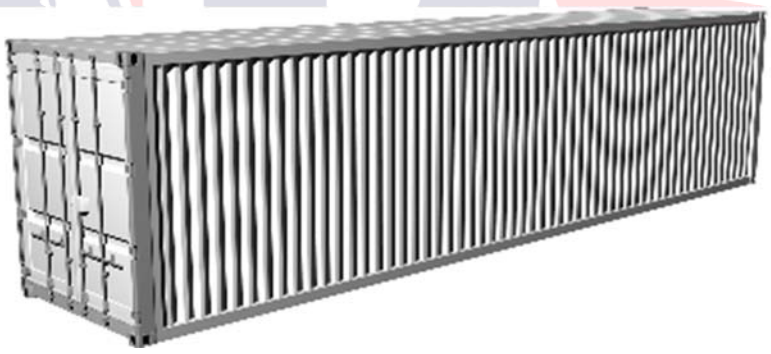
- Suitable for any general cargo.
- Various lashing devices on the top and bottom longitudinal rails and the corner posts. Lashing devices have a permissible load of 1,000 kg (2,205 lbs) each.
- Note permissable weight limits for road and rail transport.

General Purpose Container 40'

Construction	Inside Dimensions			Door Opening		Weights			Capacity
	Length mm ft	Width mm ft	Height mm ft	Width mm ft	Height mm ft	Max. Gross 	Tare kg lbs	Max. Payload 	m^3 cu.ft.

						kg lbs		kg lbs	
8'6" high									
Steel container with corrugated walls and wooden floor	12,029 39'5 1/2"	2,350 7'8 1/2"	2,392 7'10 1/8"	2,340 7'8 1/2"	2,292 7'6 1/4"	30,480 67,200	3,780 8,330	26,700 58,870	67.7 2,390
	12,024 39'5 3/8"	2,350 7'8 1/2"	2,387 7'10"	2,340 7'8 1/8"	2,292 7'6 1/4"	30,480 67,200	3,810 8,400	26,670 58,800	67.7 2,390
	12,033 39'5 3/4"	2,350 7'8 1/2"	2,394 7'10 1/4"	2,338 7'8"	2,280 7'5 3/4"	30,480 67,200	3,800 8,377	26,680 58,823	67.7 2,390

High Cube General Purpose Container 40'



- Especially for light, voluminous cargo and overheight cargo up to maximum 2.70 m (8'10 1/4") (see table).
- Numerous lashing devices on the top and bottom longitudinal rails and the corner posts.
- Lashing devices have a permissible load of 1,000 kg (2,205 lbs) each.
- Consider overheight for inland transportation.
- Note permissable weight limits for road and rail transport.

High Cube General Purpose Container 40'

Construction	Inside Dimensions			Door Opening		Weights			Capacity
	Length	Width	Height	Width	Height	Max.	Tare	Max.	

	mm ft	mm ft	mm ft	mm ft	mm ft	Gross kg lbs	kg lbs	Payload kg lbs	m^3 cu.ft.
9'6" high									
Steel container with corrugated walls and wooden floor	12,024 39'5 3/8"	2,350 7'8 1/2"	2,697 8'10 1/8"	2,340 7'8 1/8"	2,597 8'6 1/4"	30,480 67,200	4,020 8,860	26,460 58,340	76.3 2,694
	12,024 39'5 3/8"	2,350 7'8 1/2"	2,697 8'10 1/8"	2,338 7'8"	2,585 8'5 3/4"	30,480 67,200	4,020 8,860	26,460 58,340	76.3 2,694

Hardtop Container 20'

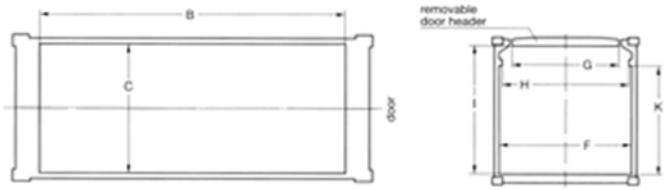
- This container type has been especially designed and developed for
  - heavy loads
  - high and excessively high loads
  - loading, e.g. by crane, through roof opening and door side.
- The steel roof of some series is lifted with fork-lift rings so that it can be removed by using a fork-lift. The weight of the steel roof is approx. 450 kg (990 lbs).
- With the roof removed and the door header swung out, it is much easier to load cargo using a crane via the door side.
- In case your cargo is overheight, the roof sections can be lashed to a sidewall inside the container using only some 13 cm (5 1/8") of space.
- If required, disposable tarpaulins can be provided for the transport which can be fastened to the walls on the outside using lashing devices.

- The capacity of the container floor exceeds the ISO 1496/1 standard by 33%, so that a fork-lift whose front axle weight does not exceed 7,280 kg (16,000 lbs) can be used inside.
- The hardtop container provides many lashing devices to fasten goods. The lashing devices on the corner posts and on the longitudinal rails of the roof and floor are capable of bearing loads of up to 2,000 kg (4,410 lbs) each, and those in the middle of the side walls up to 500 kg (1,100 lbs) each. Lashing to the side walls can only be done after the roof has been closed.
- This container type has been designed for heavy loads. While considering the technical data (including the permissible spreaded load limitations) please bear in mind the prevalent weight restrictions for land transport.
- Note permissable weight limits for road and rail transport.

Hardtop Container 20'

Construction	Inside Dimensions				Weights			Capacity
		Length	Width	Height		Max.	Tare	Max.
	mm ft	mm ft	Middle mm ft	Side mm ft	Gross kg lbs	kg lbs	Payload kg lbs	m^3 cu.ft.
8'6" high								
Steel container with corrugated walls and wooden floor	5,886 19'3 3/4"	2,342 7'8 1/8"	2,388 7'10"	2,313 7'7"	30,480 67,200	2,700 5,950	27,780 61,250	32.8 1,160
	5,886 19'3 3/4"	2,342 7'8 1/8"	2,388 7'10"	2,313 7'7"	30,480 67,200	2,700 5,950	27,780 61,250	32.8 1,160
	5,886 19'3 3/4"	2,342 7'8 1/8"	2,375 7'9 1/2"	2,330 7'7 3/4"	30,480 67,200	2,590 5,710	27,890 61,490	32.8 1,160
	5,871 19'3 1/8"	2,338 7'8"	2,390 7'10"	2,335 7'8"	24,000 52,910	2,580 5,690	21,420 47,220	32.8 1,158

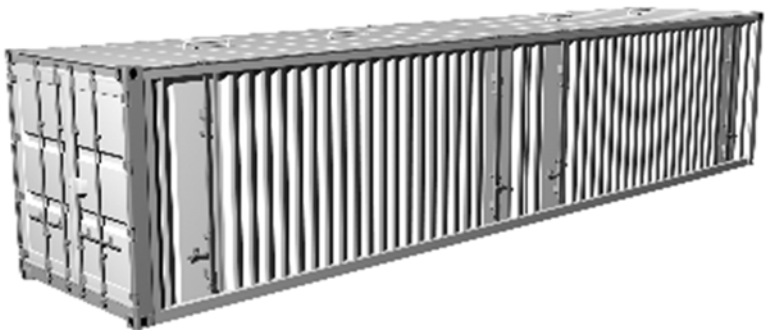
Roof Opening **Door Opening**



Hardtop Container Roof Openings 20'

Roof Openings		Door Openings					Roof Inside Container		
Length	Width	Width			Height		Reduced Width		
B Between Gusset Plates mm ft	C Max. Width mm ft	F Max. Width mm ft	G At Door Header mm ft	H Between Top Longitudinal Rails mm ft	I Up to Door Header mm ft	K Up to Top Longitudinal Rail mm ft	Inside Width mm ft	Width of Roof Opening mm ft	Width of Door Opening mm ft
5,590 18'4"	2,208 7'2 7/8"	2,336 7'8"	1,896 6'2 5/8"	2,208 7'2 7/8"	2,276 7'5 5/8"	2,220 7' 3/8"	2,209 7'3"	2,142 7' 1/4"	2,206 7'2 7/8"
5,590 18'4"	2,208 7'2 7/8"	2,336 7'8"	1,896 6'2 5/8"	2,208 7'2 7/8"	2,292 7'6 1/4"	2,220 7' 3/8"	2,209 7'3"	2,142 7' 1/4"	2,206 7'2 7/8"
5,590 18'4"	2,208 7'2 7/8"	2,336 7'8"	1,896 6'2 5/8"	2,208 7'2 7/8"	2,280 7'5 3/4"	2,231 7'3 3/4"	2,215 7'3 1/8"	2,148 7' 1/2"	2,212 7'3"
5,616 18'5 1/8"	2,206 7'2 7/8"	2,335 7'8"	1,890 6'2 3/8"	2,206 7'2 7/8"	2,292 7'6 1/4"	2,225 7'3 1/2"	2,250 7'4 1/2"	2,180 7'1 3/4"	2,250 7'4 1/2"

Hardtop Container 40'



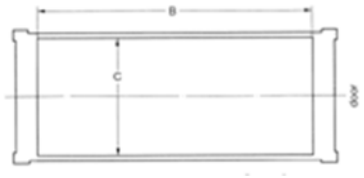
- The 40' hardtop container has particularly been constructed for:
  - long loads which cannot be transport-ed in the 20' hardtop container
  - heavy loads
  - high and excessively high loads
  - loading, e.g. by crane, through roof opening and door side.

- The roof can be removed by using a fork- lift. The weight of the steel roof is approx. 450 kg (990 lbs) each section.
- With the roof removed and the door-header swung out, it is much easier to load cargo using a crane via the door side.
- In case your cargo is overheight, the roof sections can be lashed to a sidewall inside the container using only some 13 cm (5 1/8") of space.
- If required, disposable tarpaulins can be provided for the transport which can be fastened to the walls on the outside using lashing devices.
- The capacity of the container floor exceeds the ISO 1496/1 standard by 33%, so that a fork-lift whose front axle weight does not exceed 7,280 kg (16,000 lbs) can be used inside.
- The hardtop container provides many lashing devices to fasten goods. The lashing devices on the corner posts and on the longitudinal rails of the roof and floor are capable of bearing loads of up to 2,000 kg (4,410 lbs) each, and those in the middle of the side walls up to 500 kg (1,100 lbs) each. Lashing to the side walls can only be done after the roof has been closed.
- The roof can easily be raised by about 70 mm (2 3/4"), using the roof locking devices so that the door-header can be swung out without removing the roof.
- This container type has been designed for heavy loads. While considering the technical data (including the permissible spreaded load limitations) please bear in mind the prevalent weight restrictions for land transport.
- Note permissable weight limits for road and rail transport.

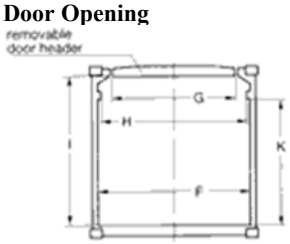
Hardtop Container 40'

Construction	Inside Dimensions				Weights			Capacity
	Length	Width	Height		Max.	Tare	Max.	
	mm ft	mm ft	Middle mm ft	Side mm ft	Gross kg lbs	kg lbs	Payload kg lbs	m^3 cu.ft.
8'6" high								
Steel container with corrugated walls and wooden floor	12,020 39'5 1/4"	2,342 7'8 1/8"	2,388 7'10"	2,313 7'7"	30,480 67,200	4,700 10,360	25,780 56,840	67.2 2,374
	12,020 39'5 1/4"	2,342 7'8 1/8"	2,388 7'10"	2,313 7'7"	30,480 67,200	4,700 10,360	25,780 56,840	67.2 2,374

Roof Opening



Door Opening



Hardtop Container

Roof Openings		Door Openings					Roof Inside Container		
Length	Width	Width			Height		Reduced Width		
B Between Gusset Plates mm ft	C Max. Width mm ft	F Max. Width mm ft	G At Door Header mm ft	H Between Top Longitudinal Rails mm ft	I Up to Door Header mm ft	K Up to Top Longitudinal Rail mm ft	Inside Width mm ft	Width of Roof Opening mm ft	Width of Door Opening mm ft
11,724 38'5"	2,208 7'2 7/8"	2,336 7'8"	1,896 6'2 5/8"	2,208 7'2 7/8"	2,292 7'6 1/4"	2,220 7'3 3/8"	2,209 7'3"	2,142 7' 3/8"	2,206 7'2 7/8"
11,724 38'5"	2,208 7'2 7/8"	2,336 7'8"	1,896 6'2 5/8"	2,208 7'2 7/8"	2,276 7'5 5/8"	2,220 7'3 3/8"	2,209 7'3"	2,142 7' 3/8"	2,206 7'2 7/8"

Open Top Container 20'

- Especially for:
  - overheight cargo

- loading from top side, e.g. by crane
- loading from door side, e.g. with cargo hanging from overhead tackle.

- Door header can be swung out on all open top containers.
- If required, disposable tarpaulins can be provided. For fastening tarpaulins, lashing bars are available on the outside of the walls. Using one way tarpaulins requires the corner castings to be accessible.
- Fork-lift pockets on a number of containers (please see footnote 1).
- The capacity of the floor for use of fort-lift trucks exceeds the ISO standards by 33% on all 20' open top containers.
- Numerous lashing devices are located on the top and bottom longitudinal rails and the corner posts. Lashing devices have a permissible load of 1,000 kg (2,205 lbs) each.
- Dimensions of roof and door openings are on the next page.
- Note permissable weight limits for road and rail transport.

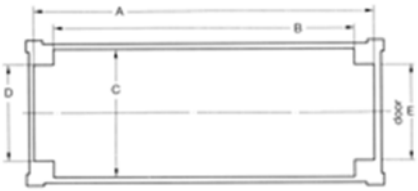
Open Top Container Dimensions 20'

Construction	Inside Dimensions				Weights		Capacity	
		Length	Width	Height		Max.	Tare	Max.
	mm ft	mm ft	Middle mm ft	Side mm ft	Gross kg lbs	kg lbs	Payload kg lbs	m^3 cu.ft.
8'6" high								
Steel container with corrugated walls, removable tarpaulin and wooden floor and wooden floor	5,895 19'4"	2,350 7'8 1/2"	2,394 7'10 1/4"	2,364 7'9"	24,000 52,910	2,100 4,630	21,900 48,280	32.45 1,146
	5,877 19'3 3/8"	2,335 7'8"	2,369 7'9 1/4"	2,309 7'6 7/8"	24,000 52,910	2,200 4,850	21,800 48,060	32.4 1,140
	5,895 19'4"	2,330 7'7 3/4"	2,329 7'7 3/4"	–	24,000 52,910	2,200 4,850	21,800 48,060	32.0 1,130
	5,888 19'3 3/4"	2,345 7'8 1/8"	2,365 7'9"	2,315 7'7 1/8"	30,480 67,200	2,250 4,960	28,230 62,240	32.0 1,130

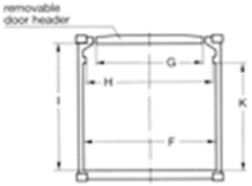
Roof and Door Openings of Open Top Containers 20'

Types:

Roof Openings:



Door Openings:



Roof and Door Openings of Open Top Containers 20'

Type	Roof Openings					Door Openings				
	Length		Width			Width		Height		
	A Max. Length	B Between Gusset Plates	C Max. Width	D Front End between Gusset Plates	E Door End, between Gusset Plates	F Max. Width	G At Door Header	H Between Top Longitudinal Rails	I Up to Door Header	K Up to Top Longitudinal Rail
	mm ft	mm ft	mm ft	mm ft	mm ft	mm ft	mm ft	mm ft	mm ft	mm ft
	5,583	5,488	2,230	1,928		2,335	1,928	2,230	2,291	2,194
Z					–					
	18'3 3/4"	18"	7'3 3/4"	6'3 7/8"		7'8"	6'3 7/8"	7'3 3/4"	7'6 1/4"	7'2 3/8"
	5,660	5,440	2,208	1,860		2,335	1,848	2,208	2,290	1,889
Z					–					
	18'6 7/8"	17'10 1/8"	7'2 7/8"	6'1 1/4"		7'8"	6'3/4"	7'2 7/8"	7'6 1/8"	6'2 3/8"
	5,770	5,452	2,232		1,904	2,305	1,834	2,208	2,218	2,033
Z				–						
	18'11 1/8"	17'10 5/8"	7'3 7/8"		6'3"	7'6 3/4"	6'1/8"	7'3 7/8"	7'3 1/4"	6'8"
	5,415	5,360	2,205		1,880	2,335	1,880	2,205	2,280	2,125
Z				–						
	17'9 1/8"	17'7"	7'2 3/4"		6'2"	7'8"	6'2"	7'2 3/4"	7'5 3/4"	6'11 5/8"

Open Top Container 40'

- Especially for:
  - overheight cargo
  - loading from top side, e.g. by crane
  - loading from door side, e.g. with cargo hanging from overhead tackle.
- Door header can be swung out on all open top containers.
- If required, disposable tarpaulins can be provided. For fastening tarpaulins, lashing bars are available on the outside of the walls. Using one way tarpaulins requires the corner castings to be accessible.
- The capacity of the floor for use of fort-lift trucks exceeds the ISO standards by 33% on all 40' open top containers.
- Numerous lashing devices are located on the top and bottom longitudinal rails and the corner posts.
  Lashing devices have a permissible load of 1,000 kg (2,205 lbs) each.
- Dimensions of roof and door openings follow in two pages.
- Note permissable weight limits for road and rail transport.

Open Top Container Dimensions

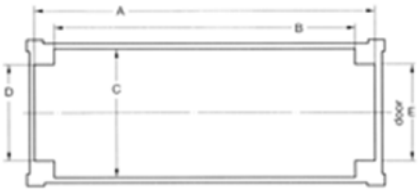
Construction	Inside Dimensions				Weights			Capacity
	Length	Width	Height		Max.	Tare	Max.	
	mm ft	mm ft	Middle mm ft	Side mm ft	Gross kg lbs	kg lbs	Payload kg lbs	m^3 cu.ft.
8'6" high								
Steel container with corrugated walls, removable tarpaulin and wooden floor	12,023 39'5 3/8"	2,335 7'8"	2,378 7'9 5/8"	2,318 7'7 1/4"	30,480 67,200	3,800 8,380	26,680 58,820	66.7 2,354

	12,038 39'5 7/8"	2,338 7'8"	2,363 7'9"	2,313 7'7 1/8"	30,480 67,200	3,650 8,050	26,830 59,150	66.7 2,354
	12,025 39'5 1/2"	2,330 7'7 3/4"	2,360 7'8 7/8"	2,325 7'7 1/2"	30,480 67,200	3,890 8,580	26,590 58,620	66.0 2,330
	12,038 39'5 7/8"	2,336 7'8"	2,370 7'9 1/4"	2,320 7'7 1/4"	30,480 67,197	3,700 8,157	26,780 59,040	65.3 2,306
	12,029 39'5 1/2"	2,342 7'8 1/8"	2,376 7'9 1/2"	2,326 7'7 1/2"	30,480 67,200	3,810 8,400	26,670 58,800	65.5 2,310
	12,022 39'5 1/4"	2,346 7'8 3/8"	2,365 7'9 1/8"	2,315 7'7 1/8"	30,480 67,200	3,740 8,250	26,740 58,950	65.3 2,306
	12,007 39'4 3/4"	2,315 7'7 1/8"	2,362 7'9"	2,317 7'7 1/4"	30,480 67,200	3,950 8,710	26,530 58,490	65.0 2,295
	12,005 39'4 5/8"	2,330 7'7 3/4"	2,380 7'9 5/8"	2,340 7'8 1/8"	30,480 67,200	4,350 9,590	26,130 57,610	65.5 2,315

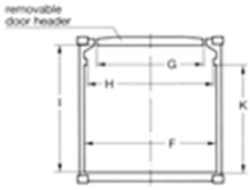
Roof and Door Openings of Open Top Containers 40'

Types:

Roof Opening:



Door Opening:



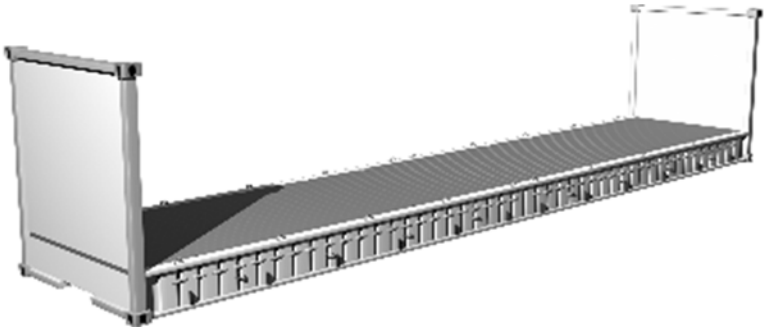
Roof and Door Openings of Open Top Containers 40'

Roof Openings

Door Openings

Type	Length		Width			Width		Height		
	A Max. Length	B Between Gusset Plates	C Max. Width	D Front End between Gusset Plates	E Door End, between Gusset Plates	F Max. Width	G At Door Header	H Between Top Longitudinal Rails	I Up to Door Header	K Up to Top Longitudinal Rail
	mm ft	mm ft	mm ft	mm ft	mm ft	mm ft	mm ft	mm ft	mm ft	mm ft
:										
	11,800	11,317	2,205	1,728		2,335	1,840	2,205	2,287	1,889
Z					–					
	38'8 5/8"	37'1 1/2"	7'2 3/4"	5'8"		7'8"	6' 1/2"	7'2 3/4"	7'6"	6'2 3/8"
	11,787	11,563	2,208	1,850		2,335	1,844	2,208	2,287	1,896
Z					–					
	38'8"	37'11 1/4"	7'2 7/8"	6' 7/8"		7'8"	6' 5/8"	7'2 7/8"	7'6"	6'2 5/8"
	11,917	10,837	2,128	1,600	1,816	2,330	1,816	2,128	2,201	1,957
X										
	39'1 1/8"	35'6 5/8"	6'11 3/4"	5'3"	5'11 1/2"	7'7 3/4"	5'11 1/2"	6'11 7/8"	7'2 5/8"	6'5"
		11,550	2,220			2,336	1,845	2,220	2,292	2,125
Y	–			–	–					
		37'10 5/8"	7'3 3/8"			7'8"	6' 5/8"	7'3 3/8"	7'6 1/4"	6'11 5/8"
	11,544	11,444	2,230		1,885	2,336	1,885	2,230	2,280	2,146
Z				–						
	37'10 1/2"	37'6 1/2"	7'3 3/4"		6'2 1/8"	7'8"	6'2 1/8"	7'3 3/4"	7'5 3/4"	7' 1/2"
	11,550	11,515	2,205		1,880	2,335	1,880	2,205	2,280	2,125
Z				–						
	37'10 3/4"	37'9 3/8"	7'2 3/4"		6'2"	7'8"	6'2"	7'2 3/4"	7'5 3/4"	6'11 5/8"
		11,379	2,205			2,315	1,855	2,205	2,266	1,957
Y	–			–	–					
		37'4"	7'2 3/4"			7'7 1/8"	6'1"	7'2 3/4"	7'5 1/4"	6'5"
	11,825	11,496	2,100	1,774	1,774	2,335	1,750	2,100	2,180	2180
X										
	38'9 1/2"	37'8 5/8"	6'10 5/8"	5'9 7/8"	5'9 7/8"	7'8"	5'8 7/8"	6'10 5/8"	7'1 3/4"	7'1 3/4"

Flat 40'



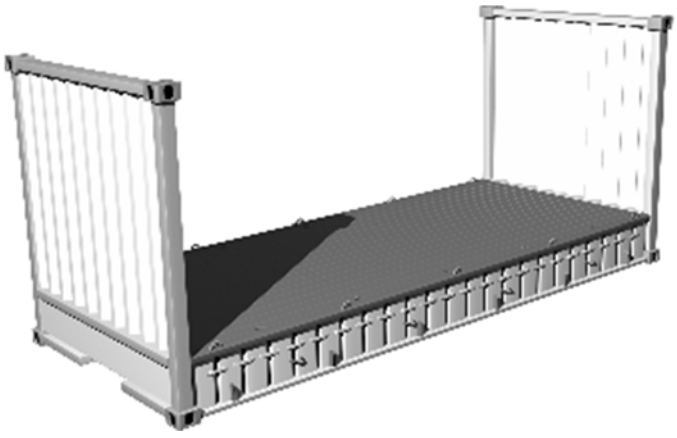
- Especially for heavy loads and overwidth cargo.
- Higher loadings possible.
- Strong bottom construction with fixed endwalls (which allow bracing and lashing of cargo as well as stacking).
- Gooseneck tunnel on both ends of 40' flats.
- Numerous very strong lashing devices on the corner posts, longitudinal rails and the floor. Lashing devices on the longitudinal rails and on the floor of 40' containers have a permissible load of 4,000 kg respectively (8,820 lbs) each.
- Maximum payload can only be used if distributed over the total floor area of the flat.
  If concentration of heavy load on a small part floor area is required please contact representative for stowage advice.
- Flats are delivered without stanchions. If stancions are required, please contact representative upon booking.
- Note permissable weight limits for road and rail transport.

Flat 40'

Construction	Inside Dimensions						Weights			
		Length of floor mm ft	Width between Corner Posts mm ft	Width of Floor mm ft	Width between Stanchions mm ft	Height mm ft	Height of Bottom mm ft	Max. Gross kg lbs	Tare kg lbs	Max. Payload kg lbs
8'6" high										
Steelframe with	12,008	11,712	2,318	2,232	1,981	610	30,480	4,750	25,730	

fixed endwalls and softwood floor	39'4 3/4"	38'5 1/8"	7'7 1/4"	7'3 7/8"	6'6"	2'	67,200	10,470	56,730	
	11,990 39'4"	11,722 38'5 1/2"	2,400 7'10 1/2"	2,202 7'2 3/4"	1,981 6'6"	610 2'	30,480 67,200	5,100 11,240	25,380 55,960	
		11,990 39'4"	11,758 38'6 7/8"	2,338 7'8"	2,228 7'3 3/4"	1,981 6'6"	610 2'	30,480 67,200	4,200 9,265	26,280 57,935
	12,010 39'4 7/8"	11,832 38'9 7/8"	2,228 7'3 3/4"	2,228 7'3 3/4"	1,981 6'6"	610 2'	30,480 67,200	4,200 9,265	26,280 57,935	
	12,086 39'7 7/8"	11,826 38'9 5/8"	2,224 7'3 1/2"	2,224 7'3 1/2"	1,981 6'6"	610 2'	30,480 67,200	4,200 9,265	26,280 57,935	
	12,010 39'4 7/8"	11,826 38'9 5/8"	2,244 7'4 3/8"	2,204 7'2 3/4"	1,981 6'6"	610 2'	30,480 67,200	4,200 9,265	26,280 57,935	
9'6" high										
Steel container with collapsible endwalls and softwood floor	12,060 39'6 3/4"	11,660 38'3 1/8"	2,365 7'9 1/8"	2,200 7'2 5/8"	2,245 7'4 3/8"	648 2'1 1/2"	45,000 99,210	5,700 12,570	39,300 86,640	

Flat 20'



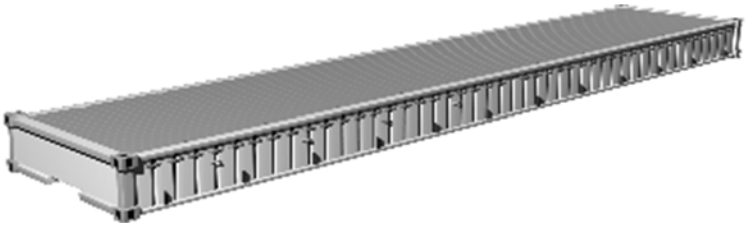
- Especially for heavy and overwidth cargo.
- Strong bottom construction with fixed endwalls (which allow bracing and lashing of cargo as well as stacking).
- Fork-lift pockets on a number of 20' flats.

- Numerous very strong lashing devices on the corner posts, longitudinal rails and on the floor. Lashing devices on the longitudinal rails of 20' containers have a permissible load of 2,000 kg or 4,000 kg respectively (4,410 lbs or 8,820 lbs respectively) each.
- Maximum payload can only be used if distributed over the total floor area. If concentration of heavy load on a small part floor area is required please contact representative for stowage advice.
- Flats are delivered without stanchions. If stancions are required, please contact representative upon booking.
- Note permissable weight limits for road and rail transport.

Flat 20'

Construction	Inside Dimensions						Weights		
	Length of floor mm ft	Width between Corner Posts mm ft	Width of floor mm ft	Width between Stanchions mm ft	Height mm ft	Height of Bottom mm ft	Max. Gross kg lbs	Tare kg lbs	Max. Payload kg lbs
8' high									
Steelframe with fixed endwalls and softwood floor	5,918 19'5"	5,625 18'5 3/8"	2,398 7'10 3/8"	2,208 7'2 7/8"	2,172 7'1 1/2"	265 10 1/2"	24,000 52,910	2,800 6,170	21,200 46,740
8'6" high									
Steelframe with fixed endwalls and softwood floor	5,902 19'4 3/8"	5,700 18'8 3/8"	2,358 7'8 7/8"	2,235 7'4"	2,276 7'5 5/8"	315 1'3/8"	24,000 52,910	2,720 6,000	21,280 46,910
	5,980 19'7 3/8"	5,698 18'8 3/8"	2,230 7'3 3/4"	2,245 7'4 3/8"	2,255 7'4 3/4"	336 1'1 1/4"	24,000 52,910	2,500 5,510	21,500 47,400
	5,962 19'6 3/4"	5,672 18'7 1/4"	2,242 7'4 1/4"	2,242 7'4 1/4"	2,261 7'5"	330 1'1"	30,000 66,140	2,200 4,850	27,800 61,290
Steel container with collapsible endwalls and softwood floors.	5,956 19'6 1/2"	5,658 18'6 3/4"	2,418 7'11 1/8"	2,181 7'1 7/8"	2,320 7'7 3/8"	271 10 5/8"	33,050 72,860	3,045 6,710	30,005 66,150

Platform 20' / 40'



- Especially for heavy loads and oversized cargo.
- Strong bottom construction.
- Gooseneck tunnel on both ends of all 40' platforms.
- Numerous very strong lashing devices on the longitudinal rails. Lashing devices have a permissible load of 3,000 kg (6,615 lbs) each.
- Transport of heavy loads concentrated on a small load transfer area is possible. Contact your representative for details.

Platform Dimensions 20'

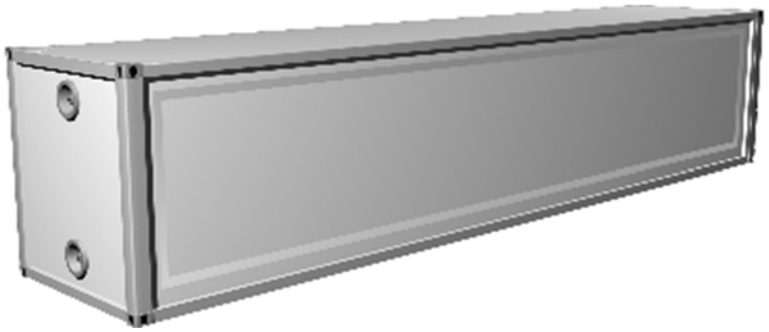
Construction	Dimensions			Weights		
	Length mm ft	Width mm ft	Height of bottom mm ft	Max. Gross kg lbs	Tare kg lbs	Max. Payload kg lbs
1'1 1/4" high						
Steelframe with softwood floor	6,058 20'	2,438 8'	335 1'1 1/4"	24,000 52,910	2,100 4,630	21,900 48,280

Platform Dimensions 40'

Construction	Dimensions			Weights		
	Length mm ft	Width mm ft	Height of bottom mm ft	Max. Gross kg lbs	Tare kg lbs	Max. Payload kg lbs
2' high						

Steelframe with softwood floor	12,192 40'	2,438 8'	610 2'	45,000 99,210"	4,200 9,260	40,800 89,950

Insulated Container 20' / 40'



Porthole Type

- Especially for cargo which needs constant temperatures above or below freezing point.
- Walls in "sandwich-construction", with Polyurethane foam to provide maximum insulation.
- Temperature is controlled by ship's/ terminal's cooling plant or "clip-on" unit.
- The air, delivered at the correct temperature, is circulated in the container through two aperatures in the front wall (supply air via the lower aperature, return air via the upper aperature).
- Possible temperatures inside the 20' containers, depending on specification of respective cooling device, from about +12°C to -25°C (+54°F to -14°F).
- Please note maximum stowage height in below table and as indicated by red line inside container in order to ensure proper ventilation.
- Possible temperatures inside the 40' containers, depending on specification of respective cooling device, from about +13°C to -22°C (+57°F to -8°F).
- Note permissable weight limits for road and rail transport.

Insulated Container

Construction	Inside Dimensions			Door Opening		Weights			Capacity
	Length mm ft	Width mm ft	Max. Stowable Height mm ft	Width mm ft	Height mm ft	Max. Gross kg lbs	Tare kg lbs	Max. Payload kg lbs	m^3 cu.ft.

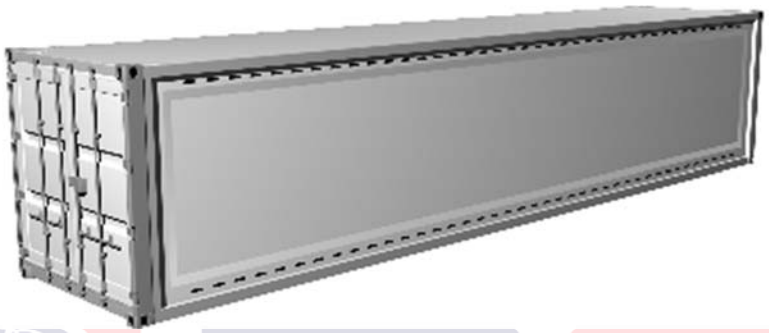
8' high									
Steelframe. Walls: outside plywood, coated with GRP, inside GRP shell	5,652 18'6 1/2"	2,235 7'4"	2,000 6'6 3/4"	2,235 7'4"	2,083 6'10"	20,320 44,800	2,500 5,510	17,820 39,290	26.35 930
	5,652 18'6 1/2"	2,235 7'4"	2,000 6'6 3/4"	2,235 7'4"	2,083 6'10"	24,000 52,910	2,450 5,400	21,550 47,510	26.3 930
Steelframe. Walls outside and inside GRP.	5,652 18'6 1/2"	2,235 7'8"	2,000 6'6 3/4"	2,218 7'3 1/4"	2,083 6'10"	20,320 44,800	2,633 5,800	17,687 39,000	26.3 930
Steelframe. Walls outside and inside stainless steel.	5,724 18'9 3/8"	2,286 7'6"	2,014 6'7 1/4"	2,286 7'6"	2,067 6'9 3/8"	24,000 52,910	2,550 5,620	21,450 47,290	26.4 933

Insulated Container

Construction	Inside Dimensions			Door Opening		Weights			Capacity
	Length mm ft	Width mm ft	Max. Stowage Height mm ft	Width mm ft	Height mm ft	Max. Gross kg lbs	Tare kg lbs	Max. Payload kg lbs	m^3 cu.ft.
8' high									
Steelframe. Walls: outside/ inside: GRP coated plywood/ stainless steel and	11,750 38'6 5/8"	2,250 7'4 1/2"	2,080 6'9 7/8"	2,250 7'4 1/2"	2,180 7'1 7/8"	30,480 67,200	4,650 10,250	25,830 56,950	58.4 2,060

aluminum/ aluminum									
	11,840 38'10 1/8"	2,286 7'6"	2,120 6'11 1/2"	2,286 7'6"	2,195 7'2 3/8"	30,480 67,200	3,850 8,490	26,630 58,710	60.6 2,140

Ventilated Container 20'



- Especially for cargo that needs ventilation.
- Natural ventilation is provided by openings in top and bottom longitudinal rails. The labyrinth construction of these ventilation openings ensures weather-proofness.
- Numerous lashing devices on the top and bottom longitudinal rails and the corner posts. Lashing devices have a permissible load of 1,000 kg (2,205 lbs) each.
- Note permissable weight limits for road and rail transport.

Ventilated Container

Construction	Inside Dimensions			Door Opening		Weights			Capacity
	Length mm ft	Width mm ft	Height mm ft	Width mm ft	Height mm ft	Max. Gross kg lbs	Tare kg lbs	Max. Payload kg lbs	m³ cu.ft.
8'6" high									
Steelframe. Walls: plywood, coated with GRP,	5,930 19'5 1/2"	2,358 7'8 7/8"	2,375 7'9 1/2"	2,335 7'8"	2,292 7'6 1/4"	24,000 52,910	2,400 5,290	21,600 47,620	33.7 1,190

wooden floor.									
Steel container with corrugated walls and wooden floor.	5,888 19'3 3/4"	2,346 7'8 3/8"	2,392 7'10 1/8"	2,334 7'7 7/8"	2,290 7'6 1/8"	30,480 67,200	2,400 5,290	28,080 61,910	33.0 1,167

Bulk Container 20'

- Especially for dry bulk cargos, e.g. malt.
- Three manholes for top loading of each container. Distance centerline to centerline manhole 1.83 m (6').
- One discharge opening in each door wing. On demand, short discharge tubes can be installed to move the cargo in desired directions.
- Fastening of linerbag possible.
- Fork-lift pockets on a number of the containers.
- Lashing devices on the top longitudinal rails.
- Roof openings 455 mm (18") discharge door openings 340 x 380 mm (13.5" x 15").
- Note permissable weight limits for road and rail transport.

Bulk Container 20'

Construction	Inside Dimensions			Door Opening		Weights			Capacity
	Length mm ft	Width mm ft	Height mm ft	Width mm ft	Height mm ft	Max. Gross kg	Tare kg lbs	Max. Payload kg	m^3 cu.ft.

						lbs		lbs	
8'6" high									
Steelframe. Walls: plywood, coated with GRP.	5,934 19'5 1/2"	2,358 7'8 3/4"	2,340 7'8 1/8"	2,335 7'8"	2,292 7'6 1/4"	24,000 52,910	2,450 5,400	21,550 47,510	32.9 1,162
	5,931 19'5 1/2"	2,358 7'8 3/4"	2,326 7'7 5/8"	2,335 7'8"	2,292 7'6 1/4"	24,000 52,910	2,370 5,220	21,630 47,690	32.9 1,162

Refrigerated Container 20'

Temperature Controlled Container

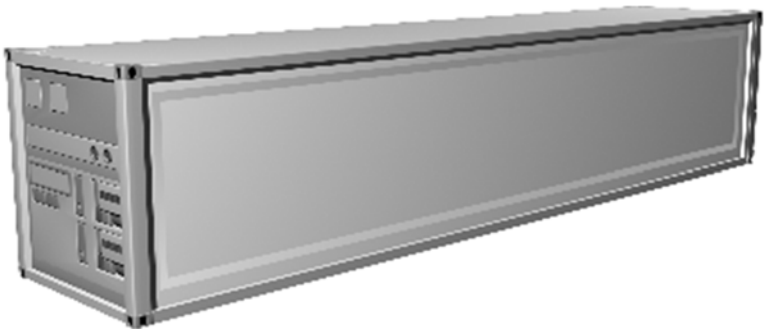
- Especially for cargo that needs constant temperatures above or below freezing point.
- Controlled fresh-air supply is possible. Containers are ATO-approved (formerly SPRENGER).
- Walls in "sandwich-construction", with Polyurethane foam to provide maximum insulation.
- The reefer unit is a compact-design compressor unit with aircooled condenser. It switches automatically from cooling to heating operation (and vice versa), if a change of the outside temperatures makes it necessary.
- Please note maximum stowage height in below table and as indicated by red line inside container in order to ensure proper ventilation.
- Possible voltages:
  380V/50 Hz to 460 V/60Hz
  200 V/50 Hz to 220 V/60 Hz
- Refer to technical specifications and illustrations of electric plugs on refrigerated containers on page355.
- Note permissable weight limits for road and rail transport.

- Permissable temperature setting:
  +25°C to -25°C (+77°F to -13°F).
- The set temperatures can be kept as long as the difference between outside and cargo temperatures does not exceed the following limits:
  for heating 42°C (76°F)
  for cooling 65°C (117°F).

Refrigerated Container 20'

Construction	Inside Dimensions				Door Opening		Weights			Capacity
	Length	Width	Height	Max. Stowable Height	Width	Height	Max. Gross	Tare	Max. Payload	
	mm ft	mm ft	mm ft	mm ft	mm ft	mm ft	kg lbs	kg lbs	kg lbs	m^3 cu.ft.
8'6" high										
Steelframe. Walls: outside plywood, coated with GRP, inside GRP, inside stainless steel	5,340 17'6 1/4"	2,200 7'2 5/8"	2,254 7'4 3/4"	2,154 7' 3/4"	2,200 7'2 5/8"	2,220 7'3 3/8"	24,000 52,910	3,380 7,450	20,620 45,460	26.4 932
Steelframe. Walls outside and inside stainless steel	5,479 17'11 5/8"	2,286 7'6"	2,257 7'4 7/8"	2,157 7' 7/8"	2,286 7'6"	2,220 7'3 3/8"	30,480 67,200	3,160 6,970	27,320 60,230	28.3 1,000
	5,459 17'10 7/8"	2,295 7'6 1/8"	2,268 7'6"	2,168 7'1 3/8"	2,291 7'6 1/8"	2,259 7'4 7/8"	30,480 67,200	3,050 6,720	27,430 60,480	28.4 1,003
	5,448 17'10 1/2"	2,290 7'6 1/8"	2,264 7'5 1/8"	2,164 7'1 1/8"	2,286 7'6"	2,260 7'5"	30,480 67,200	3,060 6,750	27,420 60,450	28.3 1,000

Refrigerated Container 40'



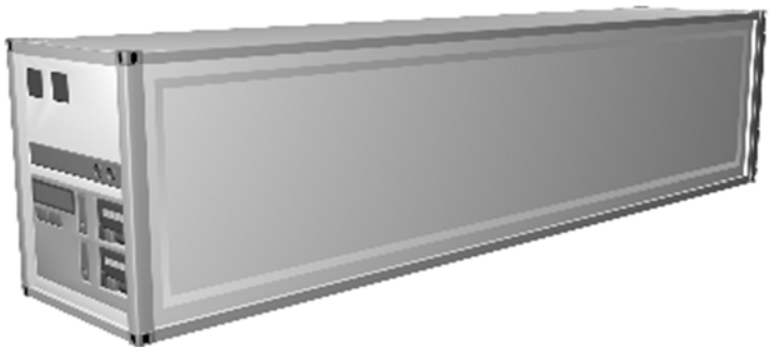
- Especially for cargo which needs constant temperatures above or below freezing point.
- Controlled fresh-air supply is possible. Containers are ATO-approved (formerly SPRENGER).
- Walls in "sandwich-construction", with Polyurethane foam to provide maximum insulation.
- The reefer unit is a compact-design compressor unit with aircooled condenser. It switches automatically from cooling to heating operation (and vice versa), if a change of the outside temperatures makes it necessary.
- Please note maximum stowage height in below table and as indicated by red line inside container in order to ensure proper ventilation.
- Possible voltages:
  380V/50 Hz to 460 V/60Hz
  200 V/50 Hz to 220 V/60 Hz
- Technical specifications and illustrations of electric plugs for refrigerated containers on page355.
- Note permissable weight limits for road and rail transport.
- Possible temperature setting:
  +25°C to -25°C (+77°F to -13°F).
- Diesel generators are installed on some 40' containers to provide a power supply.
- The set temperatures can be kept as long as the difference between outside and cargo temperatures does not exceed the following limits:
  for heating 42°C (76°F)
  for cooling 60°C (108°F)

Refrigerated Container 40'

Construction	Inside Dimensions				Door Opening		Weights			Capacity	
		Length	Width	Height	Max. Stowable Height	Width	Height	Max. Gross	Tare	Max. Payload	
		mm ft	mm ft	mm ft	mm ft	mm ft	mm ft	kg lbs	kg lbs	kg lbs	m^3 cu.ft.

8' high										
Steelframe. Walls: outside plywood, coated with GRP, inside GRP shell	11,141 36'4 5/8"	2,197 7'2 1/2"	2,216 7'3 1/4"	2,096 6'10 1/2"	2,197 7'2 1/2"	2,173 7'1 1/2"	30,480 67,200	6,010 13,250	24,470 53,950	54.2 1,920
	11,141 36'4 5/8"	2,197 7'2 1/2"	2,216 7'3 1/4"	2,096 6'10 1/2"	2,197 7'2 1/2"	2,173 7'1 1/2"	30,480 67,200	6,010 13,250	24,470 53,950	54.2 1,920
Steelframe. Walls: outside plywood coated with GRP, inside stainless steel	11,141 36'4 5/8"	2,197 7'2 1/2"	2,216 7'3 1/4"	2,096 6'10 1/2"	2,197 7'2 1/2"	2,173 7'1 1/2"	30,480 67,200	6,010 13,250	24,470 53,950	54.2 1,920
	11,140 36'4 5/8"	2,226 7'3 5/8"	2,221 7'3 3/8"	2,101 6'10 5/8"	2,226 7'3 5/8"	2,173 7'1 1/2"	30,480 67,200	6,010 13,250	24,470 53,950	55.0 1,945
Steelframe. Walls: outside aluminum, inside stainless steel	11,170 36'7 3/4"	2,286 7'6"	2,235 7'4"	2,115 6'11 1/4"	2,286 7'6"	2,200 7'2 5/8"	30,480 67,200	5,200 11,460	25,280 55,740	57.3 2,023
	11,192 36'8 5/8"	2,286 7'6"	2,240 7'5 1/4"	2,120 6'11 1/2"	2,286 7'6"	2,195 7'2 3/8"	30,480 67,200	5,200 11,460	25,280 55,740	57.3 2,023
	11,572 37'11 5/8"	2,286 7'6"	2,254 7'4 3/4"	2,134 7'	2,286 7'6"	2,207 7'2 7/8"	30,480 67,200	4,400 9,700	26,080 57,500	59.64 2,106
Steelframe. Rails aluminum. Walls: outside aluminum, inside stainless steel	11,558 37'11"	2,286 7'6"	2,188 7'1 7/8"	2,068 6'9 3/8"	2,286 7'6"	2,161 7'1"	30,480 67,200	4,140 9,130	26,340 58,070	57.8 2,023

High Cube Refrigerated Container 40'



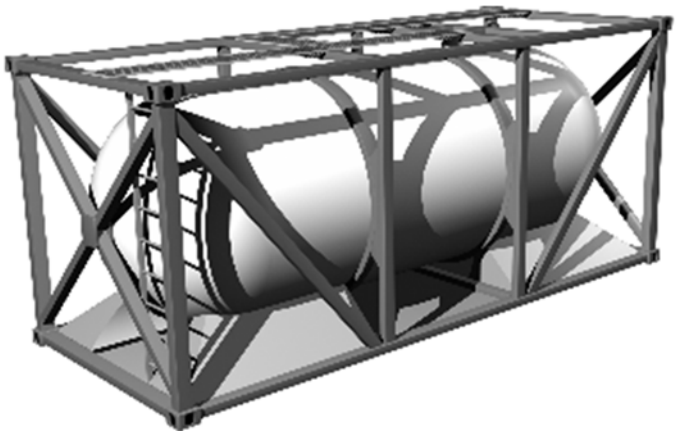
- Particularly suitable for voluminous light- weight cargoes (e.g., fruit, flowers, ferns).
- Especially for cargo that needs constant temperatures above or below freezing point.
- Controlled fresh-air supply is possible. Containers are ATO-approved (formerly SPRENGER).
- Walls in "sandwich-construction", with Polyurethane foam to provide maximum insulation.
- The reefer unit is a compact-design compressor unit with aircooled condenser. It switches automatically from cooling to heating operation (and vice versa), if a change of the outside temperatures makes it necessary.
- Possible voltages:
  380V/50 Hz to 460 V/60Hz
- Technical specifications and illustrations of electric plugs for refrigerated containers on page355.
- Note permissable weight limits for road and rail transport.
- Permissable temperature setting:
  +25°C to -25°C (+77°F to -13°F).
- The set temperatures can be kept as long as the difference between outside and cargo temperatures does not exceed the following limits:
  for heating 42°C (76°F)
  for cooling 60°C (108°F)

High Cube Refrigerated Container

Construction	Inside Dimensions				Door Opening		Weights			Capacity
	Length mm ft	Width mm ft	Height mm ft	Max. Stowage Height mm ft	Width mm ft	Height mm ft	Max. Gross kg lbs	Tare kg lbs	Max. Payload kg lbs	m^3 cu.ft.
9'6" high - without Diesel Generator Set										

	11,634 38'2"	2,288 7'6 1/8"	2,498 8'2 3/8"	2,378 7'9 5/8"	2,288 7'6 1/8"	2,517 8'3 1/8"	30,480 67,200	4,180 9,220	26,300 57,980	66.5 2348
	11,568 37'11 3/8"	2,290 7'6 1/8"	2,509 8'2 3/4"	2,389 7'10"	2,290 7'6 1/8"	2,473 8'1 3/8"	32,480 71,600	4,240 9,350	28,240 62,250	66.4 2,345
Steelframes. Rails: Aluminum. Walls: outside aluminum, inside stainless steel.	11,580 37'11 1/8"	2,288 7'6 1/8"	2,498 8'2 3/8"	2,378 7'9 5/8"	2,288 7'6 1/8"	2,517 8'3 1/8"	30,480 67,200	4,180 9,220	26,300 57,980	66.2 2370
	11,580 37'11 7/8"	2,290 7'6 1/8"	2,513 8'3"	2,393 7'10 1/4"	2,290 7'6 1/8"	2,522 8'3 1/4"	30,480 67,200	4,180 9,220	26,300 57,980	67.0 2,370
	11,580 37'11 7/8"	2,286 7'6"	2,528 8'1 1/2"	2,408 7'10 3/4"	2,286 7'6"	2,545 8'4 1/8"	30,480 67,200	4,000 8,820	26,480 58,380	67.0 2,366
	11,580 37'11 7/8"	2,286 7'6"	2,515 8'3"	2,395 7'10 1/4"	2,286 7'6"	2,535 8'3 3/4"	30,480 67,200	4,150 9,150	26,330 58,050	67.0 2,366
	11,580 37'11 7/8"	2,286 7'6"	2,515 8'3"	2,395 7'10 1/4"	2,286 7'6"	2,535 8'3 3/4"	30,480 67,200	6,000 13,230	24,480 53,970	67.0 2,366
	11,575 37'11 5/8"	2,294 7'6 1/4"	2,560 8'4 3/4"	2,440 8'	2,286 7'6"	2,570 8'5 1/8"	32,500 71,650	4,300 9,480	28,200 62,170	68.0 2,400
Steelframe. Walls outside and inside GRP.	11,575 37'11 5/8"	2,294 7'6 1/4"	2,560 8'4 3/4"	2,440 8'	2,286 7'6"	2,570 8'5 1/8"	32,500 71,650	4,240 9,350	28,260 62,300	68.0 2,400
	11,578 37'11 3/4"	2,295 7'6 3/8"	2,550 8'4 3/8"	2,425 7'11 1/2"	2,290 7'6 1/8"	2,560 8'4 3/4"	30,480 67,200	4,640 10,230	25,840 56,970	67.8 2,394
	11,578 37'11 3/4"	2,295 7'6 3/8"	2,550 8'4 3/8"	2,425 7'11 1/2"	2,290 7'6 1/8"	2,560 8'4 3/4"	30,480 67,200	4,580 10,100	25,900 57,100	67.8 2,394

Tank Container 20'



- Separate tank fleets are available for:
  CHEMICAL PRODUCTS, e.g.:
  - Flammables
  - Oxidising agents
  - Toxic substances
  - Corrosives

  FOODSTUFFS, e.g.:
  - Alcohols
  - Fruit juices
  - Edible oils
  - Food additives
- Tanks must be filled to not less than 80% of their capacity to avoid dangerous surg/ swells during transport.
  Tanks must not be filled to 100% of their capacity. Sufficient ullage space shall be left–which must be determined depending on the thermal expansion of the product to be carried.
- Certain dangerous products must be carried in tanks having no openings below the surface level of the liquid. Such tanks must be discharged through a syphon pipe by either pressure or pumping.
- National road/rail weight limitations have to be maintained when arranging land transport.
- For the cleaning of tanks and disposal of residues tariff rules apply. Tanks moving in a dedicated service are exempted from such rules until the dedication is terminated.
- For more details contact your representative.