

Sizes & specifications (Metric)

GENERAL PURPOSE

Dimensions–Internal	20' Standard	40' Standard	40' High Cube
Length:	5,900 mm	12,036 mm	12,036 mm
Width:	2,350 mm	2,350 mm	2,350 mm
Height:	2,393 mm	2,393 mm	2,698 mm
Door Opening Width:	2,340 mm	2,340 mm	2,340 mm
Door Opening Height:	2,280 mm	2,280 mm	2,585 mm
Cubic Capacity:	33 m ³	67 m ³	76 m ³

Weight & Payload

Tare Weight (<i>Design Estimate</i>):	2,230 kg	3,660 kg	3,840 kg
Maximum Gross Weight:	30,480 kg	32,500 kg	32,500 kg
Maximum Payload:	28,250 kg	28,840 kg	28,660 kg

Strength Tests

Floor:	7,260 kg	7,260 kg	7,260 kg
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Stacking

Stacking Height:	8 High	8 High	8 High
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OPEN TOP

Dimensions–External	20' Open Top	40' Open Top
Length:	6,058 mm	12,192 mm
Width:	2,438 mm	2,438 mm
Height:	2,591 mm	2,591 mm

Dimensions–Internal		
Length:	5,902 mm	12,036 mm
Width:	2,350 mm	2,350 mm
Height:	2,348 mm	2,348 mm

Dimensions–Door and Roof Openings		
Minimum Door Opening Width:	2,340 mm	2,340 mm
Minimum Door Opening Height:	2,280 mm	2,280 mm
Minimum Roof Opening:		
<i>Width Between Top Rails</i>	2,252 mm	2,232 mm
<i>Length Between Top Headers</i>	5,674 mm	11,798 mm
<i>Length Between Troughs</i>	5,378 mm	11,512 mm
Header Opening (Header Removed):		
<i>Width Between Stubs</i>	1,940 mm	1,940 mm

Removable swing header capable of swinging 90 degrees to either side

Weight & Payload		
Tare Weight (Design Estimate):	2,300 kg	3,800 kg
Maximum Gross Weight:	30,480 kg	30,480 kg
Minimum Net Weight:	28,180 kg	26,680 kg

FLAT RACK

Dimensions—External	20' Flat Rack	40' Flat Rack	40' Flat Rack XL
Length (<i>Base bottom casting</i>):	6,058 mm	12,192 mm	12,192 mm
Width (<i>Base bottom casting</i>):	2,438 mm	2,438 mm	2,438 mm
Height (<i>End frame erected</i>):	2,591 mm	2,591 mm	2,591 mm
Deck Height (<i>Adjacent to corner post</i>):	370 mm	648 mm	632 mm
Bottom Side Rail Camber Height (<i>At midpoint, unladen, unstacked</i>):	20 mm	45 mm	50 mm
Stack Height (<i>20':7 folded; 40':4 folded</i>):	2,591 mm	2,591 mm	2,591 mm

Dimensions—Internal			
Length (<i>Between end panels</i>):	6,038 mm	12,180 mm	12,172 mm
Length (<i>Between corner post reinforcements</i>):	5,612 mm	11,776 mm	11,652 mm
Length (<i>Between hinges at floor level</i>):	5,552 mm	11,686 mm	11,630 mm
Width (<i>Over bottom side rail</i>):	2,210 mm	2,380 mm	2,374 mm
Width (<i>Between corner posts</i>):	2,225 mm	2,225 mm	2,212 mm
Height (<i>Side rail adjacent to post to top casting</i>):	2,213 mm	1,955 mm	1,959 mm

Weight & Payload			
Tare Weight (<i>Design Estimate</i>):	2,750 kg	5,400 kg	5,100 kg
Maximum Gross Weight:	34,000 kg	45,000 kg	50,000 kg
Maximum Payload:	31,250 kg	39,600 kg	44,900 kg

REEFERS (STEEL)

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 ³	60 m ³	67.7 m ³

Weight & Payload	20' Standard	40' Standard	40' High Cube
Tare Weight (incl. machinery):	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 (high aluminium extruded T shaped) :	40.0 mm	63.5 mm	63.5 mm

REEFERS (ALUMINIUM)

Exterior Construction			
Front and Rear Frame:	Hot dipped galvanised high tensile steel		
Roof Panel:	One piece aluminium or high grade stainless steel		
Side Panel:	Aluminium		
Doors:	Plymetal		
Top and Bottom Rails:	Aluminium or hot dipped galvanised high tensile steel		
Crossmembers/Floor:	Aluminium		
Genset Receptacles:	Yes		
Dimensions – Internal	20' Standard	40' Standard	40' High Cube
Length:	5,440 mm	11,574 mm	11,583 mm
Width:	2,294 mm	2,294 mm	2,284 mm
Height:	2,276 mm	2,276 mm	2,548 mm
Door Opening Width:	2,290 mm	2,290 mm	2,294 mm
Door Opening Height:	2,264 mm	2,264 mm	2,550 mm
Cubic Capacity:	28.4 m ³	60 m ³	67.4 m ³
Weight & Payload	20' Standard	40' Standard	40' High Cube
Tare Weight (incl. machinery):	3,000 kg	3,940 kg	4,470 kg
Maximum Gross Weight:	26,000 kg	32,500 kg	34,000 kg
Maximum Payload:	23,000 kg	28,560 kg	29,530 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 (high aluminium extruded T shaped) :	40.0 mm	63.5 mm	63.5 mm

Sizes & specifications (Imperial)

GENERAL PURPOSE

Dimensions—Internal	20' Standard	40' Standard	40' High Cube
Length:	19' 4.0"	39' 6.0"	39' 6.0"
Width:	7' 9.0"	7' 9.0"	7' 9.0"
Height:	7' 10.0"	7' 10.0"	8' 10.0"
Door Opening Width:	7' 8.0"	7' 8.0"	7' 8.0"
Door Opening Height:	7' 6.0"	7' 6.0"	8' 5.0"
Cubic Capacity:	1,169 ft ³	2,384 ft ³	2,698 ft ³

Weight & Payload

Tare Weight (<i>Design Estimate</i>):	4,915 lbs.	8,070 lbs.	8,465 lbs.
Maximum Gross Weight:	67,200 lbs.	71,650 lbs.	71,650 lbs.
Maximum Payload:	62,285 lbs.	63,581 lbs.	63,184 lbs.

Strength Tests

Floor:	16,000 lbs.	16,000 lbs.	16,000 lbs.
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Stacking

Stacking Height:	8 High	8 High	8 High
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OPEN TOP

Dimensions–External	20' Open Top	40' Open Top
Length:	20' 0.0"	40' 0.0"
Width:	8' 0.0"	8' 0.0"
Height:	8' 6.0"	8' 6.0"

Dimensions–Internal		
Length:	19' 4.0"	39' 5.5"
Width:	7' 9.0"	7' 9.0"
Height:	7' 9.0"	7' 9.0"

Dimensions–Door and Roof Openings		
Minimum Door Opening Width:	7' 8.5"	7' 8.5"
Minimum Door Opening Height:	7' 6.0"	7' 6.0"
Minimum Roof Opening:		
<i>Width Between Top Rails</i>	7' 5.0"	7' 5.0"
<i>Length Between Top Headers</i>	18' 7.5"	38' 8.5"
<i>Length Between Troughs</i>	17' 7.5"	37' 9.0"
Header Opening (Header Removed):		
<i>Width Between Stubs</i>	6' 4.5"	6' 4.5"

Removable swing header capable of swinging 90 degrees to either side

Weight & Payload		
Tare Weight (Design Estimate):	5,070 lbs.	8,375 lbs.
Maximum Gross Weight:	67,200 lbs.	67,200 lbs.
Minimum Net Weight:	62,130 lbs.	58,825 lbs.

FLAT RACK

Dimensions—External	20' Flat Rack	40' Flat Rack	40' Flat Rack XL
Length (<i>Base bottom casting</i>):	20' 0.0"	40' 0.0"	40' 0.0"
Width (<i>Base bottom casting</i>):	8' 0.0"	8' 0.0"	8' 0.0"
Height (<i>End frame erected</i>):	8' 6.0"	8' 6.0"	8' 6.0"
Deck Height (<i>Adjacent to corner post</i>):	1' 2.5"	2' 1.5"	2' 1.0"
Bottom Side Rail Camber Height (<i>At midpoint, unladen, unstacked</i>):	0.75"	1.75"	2.0"
Stack Height (<i>20':7 folded; 40':4 folded</i>):	8' 6.0"	8' 6.0"	8' 6.0"

Dimensions—Internal			
Length (<i>Between end panels</i>):	19' 6.0"	39' 6.0"	39' 11.0"
Length (<i>Between corner post reinforcements</i>):	18' 4.5"	38' 8.0"	38' 2.75"
Length (<i>Between hinges at floor level</i>):	18' 3.0"	38' 4.5"	38' 2.0"
Width (<i>Over bottom side rail</i>):	7' 3.0"	7' 10.0"	7' 9.5"
Width (<i>Between corner posts</i>):	7' 4.0"	7' 4.0"	7' 3.0"
Height (<i>Side rail adjacent to post to top casting</i>):	7' 3.5"	6' 5.0"	6' 5.0"

Weight & Payload			
Tare Weight (<i>Design Estimate</i>):	6,060 lbs.	11,905 lbs.	11,244 lbs.
Maximum Gross Weight:	74,950 lbs.	99,210 lbs.	110,230 lbs.
Maximum Payload:	68,890 lbs.	87,305 lbs.	98,987 lbs.

REEFERS (STEEL)

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:	17' 10.2"	38' 0.0"	38' 0.0"
Width:	7' 6.3"	7' 6.3"	7' 6.3"
Height:	7' 5.6"	7' 5.6"	8' 4.3"
Door Opening Width:	7' 6.3"	7' 6.3"	7' 6.3"
Door Opening Height:	7' 5.1"	7' 5.1"	8' 5.2"
Cubic Capacity:	1,003 ft ³	2,120 ft ³	2,392 ft ³

Weight & Payload	20' Standard	40' Standard	40' High Cube
Tare Weight (incl. machinery):	6,923 lbs.	10,803 lbs.	10,086 lbs.
Maximum Gross Weight:	59,525 lbs.	71,650 lbs.	74,957 lbs.
Maximum Payload:	52,602 lbs.	60,848 lbs.	64,871 lbs.

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 (high aluminium extruded T shaped) :	1.6"	2.5"	2.5"

REEFERS (ALUMINIUM)

Exterior Construction	
Front and Rear Frame:	Hot dipped galvanised high tensile steel
Roof Panel:	One piece aluminium or high grade stainless steel
Side Panel:	Aluminium
Doors:	Plymetal
Top and Bottom Rails:	Aluminium or hot dipped galvanised high tensile steel
Crossmembers/Floor:	Aluminium
Genset Receptacles:	Yes

Dimensions – Internal	20' Standard	40' Standard	40' High Cube
Length:	17' 10.2"	37' 11.7"	38' 0.0"
Width:	7' 6.3"	7' 6.3"	7' 6.3"
Height:	7' 5.6"	7' 5.6"	8' 4.3"
Door Opening Width:	7' 6.2"	7' 6.2"	7' 6.3"
Door Opening Height:	7' 5.1"	7' 5.1"	8' 4.4"
Cubic Capacity:	1,003 ft ³	2,120 ft ³	2,381 ft ³

Weight & Payload	20' Standard	40' Standard	40' High Cube
Tare Weight (incl. machinery):	6,614 lbs.	8,686 lbs.	9,855 lbs.
Maximum Gross Weight:	57,320 lbs.	71,650 lbs.	74,957 lbs.
Maximum Payload:	50,706 lbs.	62,964 lbs.	65,102 lbs.

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 (high aluminium extruded T shaped) :	1.6"	2.5"	2.5"