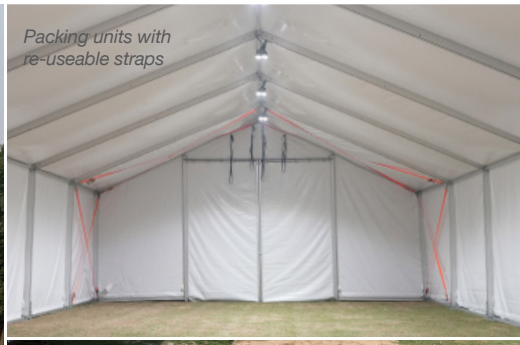
Rex Hall MSU 320

Mobile Storage Unit - Used by ICRC/IFRC/WFP/UNICEF/UNHCR

Fire retardant | Waterproof | Rot-proof | UV stabilised | Logo customisable





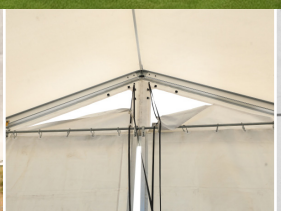
Packing units with re-useable straps



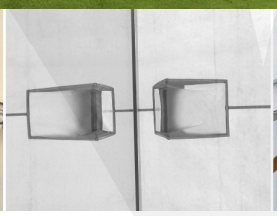
Packing units with re-useable straps



Ballast anchors to be filled with sand, stones or water (optional)



Gable vents with adjustable cover flaps



Venturi vents in the roof panels



Heavy duty LED Lighting kit (optional)

› Key Features

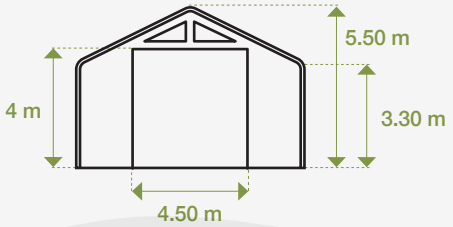
- The RexHall 320 offers a standard size of 10 m width by 32 m length solution (extra sections of 4 m length can be added) with large entry doors.
- Allows fast setup with four to six persons without the use of lifting equipment or working on heights.
- Designed to withstand high wind up to 0.6 kN/m² (<110 km/h) and can be used in both hot and cold climates.
- Supplied with ballast anchors and heavy duty LED lighting kit.
- Can be customised and include optional accessories, such as fire alarm system, lighting system 400 lux, renewable energy, internal partition, solid flooring, pedestrian doors, linking kit, windows and more.

› Dimensions

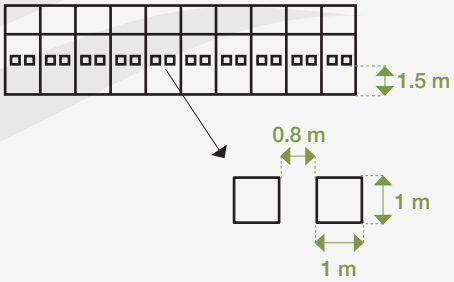
Standard size	10 x 32 m
Total useable area	320 m²
Main floor	320 m²
Centre height	5.50 m
Width	10.00 m
Ridge length	32.0 m
Side wall height	3.30 m

› Graphic Reference

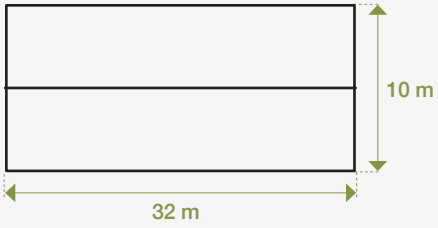
Front view



Side view (Windows - Optional)



Top view



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› Dimensions

Gable door

Total size	4.50 x 4.00 m

Modular frame

» Aluminium box profiles
» Hot dipped galvanised steel apex, base plates and other steel components

› Materials

Outer tent	Roof, wall, gable covers: 780 g/m² ±5% PVC coated polyester, white, UV protected
Ventilators	The gables are fitted with large, high placed ventilation openings with PVC coated mesh. The ventilation openings can be closed from the inside with cover flaps. Each roof panel is fitted with 2 Venturi airflow vents for passive ventilation of humid air collecting under the roof
Doors	Both gable ends are fitted with sliding doors, 450 x 400 cm
Modularity	The length of the shelter can be endlessly extended with 4 m modules

› Packing and Shipping

Sr No.	Package name	Pcs	Items	Colour	Package type	L (cm)	W (cm)	H (cm)	kg approx	m³
1	A	6	Roof cover (PVC 780 g/m²)	White	Wooden box	113	80	127	700	1.15
		4	Gate cover left and right (PVC 780 g/m²)							
2		4	Gable cover with sliding door left and right (PVC 780 g/m²)	White						
		2	Roof cover (PVC 780 g/m²)							
3	B	9	Roof apex hot-dipped galvanised (HDG)		Wooden box	113	80	74	560	0.67
		18	Base plate, Adjustable HDG							
		4	Gable base plate, Adjustable HDG							
		8	Counter bracing belts for wall	Green						
			Counter bracing belts for roof	Yellow						
		44	Ground spikes 20 x 1,000 mm HDG							
		38	Hex screw M16 x 220							
		5	Hex screw M16 x 100							
		43	Hex locknut M16							
		86	Washer M16							
		13	Hex screw M12 x 140							
		56	Hex screw M12 x 80							
		69	Hex locknut M12							
		138	Washer M12							
		42	Linch pin							
		1	Tension bar tool HDG							
		1	Spike puller							

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› Packing and Shipping

Sr No.	Package name	Pcs	Items	Colour	Package type	L (cm)	W (cm)	H (cm)	kg approx	m³
2	B	2	Polyester rope 25 mm x 30 m	White	Wooden Box	113	80	74	560	0.67
		1	Tool kit							
		1	Repair kit							
		1	Spade							
		1	Assembly							
		1	Sledge hammer							
		1	PP rope 3 mm x 100 m	Black						
		1	Repacking webbing straps for boxes and profiles							
3	C1/4	18	Half truss			520	32	60	403	1.00
4	C2/4	24	Purlins with steel part			395	50	17	166	0.34
5	C3/4	16	Wall tension bar			390	20	26	108	0.20
6	C4/4	4	Gable columns with steel part			450	12	23	70	0.12
		1	Lifting fork with purlins							
7	D	18	Wall elements (connector prefitted with wall elements)		Wooden Pallet	365	68	50	435	1.24
8	E	2	Gate assembly kit with steel part			437	31	25	95	0.34
9	F	2	Gable tension bar right							
		2	Gable tension bar left							
		1	Ladder			91	48	9	12	0.04
Total gross weight and volume									2,549	5.10

› Optional Accessories

Sr No.	Package name	Pcs	Items	Colour	Package type	L (cm)	W (cm)	H (cm)	kg approx	m³
11	G	1	Lighting kit 150 lux		Wooden box	115	55	65	88	0.41
12	H	1	Ballast anchor set			75	60	50	85	0.23

› Estimated Loadability[1]

Containers	Number of units
20' GP	5
40' GP	10
40' HC	10

[1] The loadability provided is based on the maximum volume and weight capacity of the containers. This might change due to road weight restrictions in the country of destination. Please contact our sales team for further clarifications.

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