



# Rex Hall MSU 10.0 x 24 m

Used by ICRC/IFRC/WFP/UNICEF/UNHCR



Fire retardant



Waterproof



Rot-proof



UV stabilized



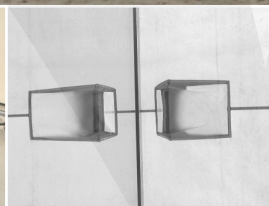
Logo customizable



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



Gable vents with adjustable cover flaps



Venturi vents in the roof panels



Heavy duty LED Lighting kit

## › Key features

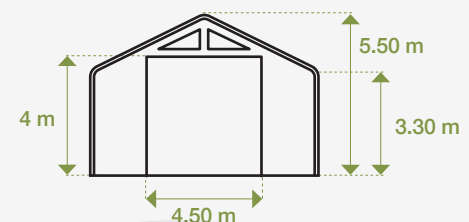
- » Standard size 10 m width by 24 m length (extra sections of 4 m length can be added) with large entry doors
- » Fast setup with four to six people without use of lifting equipment or working on heights
- » Made of durable aluminum box profiles and hot-dipped galvanized hardware, with covers of durable fire retardant and UV-resistant translucent PVC fabric and fully high frequency welding for long life
- » Designed to withstand high winds up to  $0.6 \text{ kN/m}^2$  ( $<110 \text{ km/h}$ ) and can be used in both hot and cold climates
- » Enhanced ventilation and protection thanks to gable vents with adjustable cover flaps and Venturi vents in the roof panels
- » Supplied with ballast anchors and heavy duty LED lighting kit
- » MSU can be customized 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

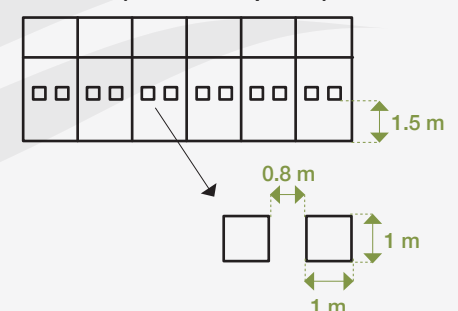
Standard size	10 x 24 m
Total useable area	240 m <sup>2</sup>
Main floor	240 m <sup>2</sup>
Centre height	5.50 m
Width	10.00 m
Ridge length	24.0 m
Side wall height	3.30 m

## › Graphic reference

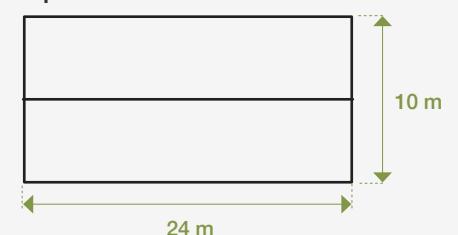
### Front view



### Side view (Windows - Optional)



### Top view



[www.nrsrelief.com](http://www.nrsrelief.com)



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## › Dimensions

### Gable door

Total size 4.50 x 4.00 m

### Modular frame

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

## › Materials

Outer tent Roof, wall, gable covers: 780 gsm 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	Color	Package type	L (m)	W (m)	H (m)	Kgs approx	m³
1	A	6	Roof cover (PVC 780 GSM)	White	Wooden box	1.13	0.80	1.27	628.3	0.94
		4	Gable cover with sliding door left & right (PVC 780 GSM)	White						
			Gate cover left & right (PVC 780 GSM)							
2	B	7	Roof apex HDG		Wooden box	1.13	0.80	0.58	475	0.524
		14	Base plate, Adjustable HDG							
		4	Gable base plate, Adjustable HDG							
		8	Counter bracing belts for wall	Green						
			Counter bracing belts for roof	Yellow						
		36	Ground spikes 20 x 1000 mm HDG							
			Bolts & nuts							
			1x Spike puller tool							
		1	Tension bar tool HDG							
		2	Polyester rope 25 x 30 m	White						
		1	Tool kit							
			Repair kit							
			Spade							
			Assembly manual							
			Sledge Hammer							
			Spike puller							
			PP rope 3 x 100 m	Black						



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Sr No.	Package name	Pcs	Items	Color	Package type	L (m)	W (m)	H (m)	Kgs approx	m³
3	C1/4	14	Half truss + 12 wall tension bars		Loose	5.20	0.32	0.47	390	0.78
4	C2/4	18	Purlins with Steel Part			3.95	0.39	0.17	124	0.26
6	C4/4	4	Gable columns with Steel Part			4.50	0.12	0.23	72	0.12
		1	Lifting fork for purlins							
7	D	14	Wall elements (Connectors prefitted with wall elements)		Wooden Pallet	3.65	0.54	0.50	330	0.99
8	E	2	Gate assembly kit with Steel Part		Loose	4.37	0.31	0.25	96	0.34
			Gable tension bar right							
			Gable tension bar left							
9	F	1	Ladder							
10	G		Lighting kit 150 lux		1.13	0.40	0.58	58	0.26	
11	H		Ballast anchor set		0.70	0.55	0.58	58	0.26	
Total gross weight and volume									2,252	4.97

## › Estimated loadability<sup>1</sup>

Containers	Number of units
20' GP	6
40' GP	12
40' HC	12

<sup>1</sup> 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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