

Eco Viva

Family Tent, Eco-Design - UNHCR Standard



Circularity Design



Fire retardant



Lightweight



Waterproof



UV stabilised



4 roof vents to provide full airflow from all direction.



Ventilation strips along the ridge line.



Inner tent to provide insulation, humidity control, and privacy.



Large windows in the outer and inner tent for extra ventilation.

› Key Features

- » Constructed from eco-design high-density polyethylene (HDPE) woven fabric, offering an optimal balance between material strength, durability, overall weight, and circularity.
- » Engineered for harsh environmental conditions, the tent fabric boasts superior resistance to water penetration, UV degradation, and resistance to fire.
- » Features a 16 m² central living area, complemented by two vestibules measuring 3.5 m² each, resulting in a total internal space of 23 m². This spacious configuration supports family living for up to five occupants, ensuring adherence to the 3.5 m² per person guideline.
- » Incorporates an environmentally friendly polycotton inner liner with an eco-tarpaulin groundsheet, specifically designed for regulating humidity and minimising condensation inside the tent. These breathable materials help maintain optimal comfort in diverse weather conditions, enhancing livability in both high-humidity and arid environments.
- » Allows the installation of a wood or coal-burning stove. This feature is particularly valuable in colder climates, where the stove can serve as a heating and cooking solution.

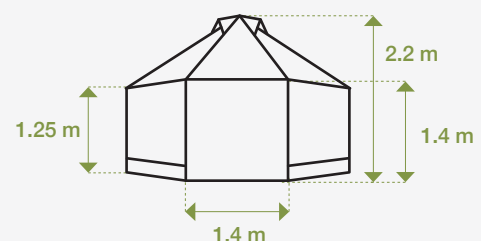
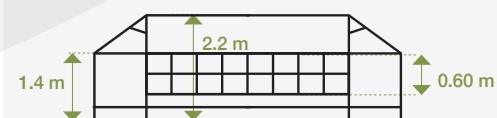
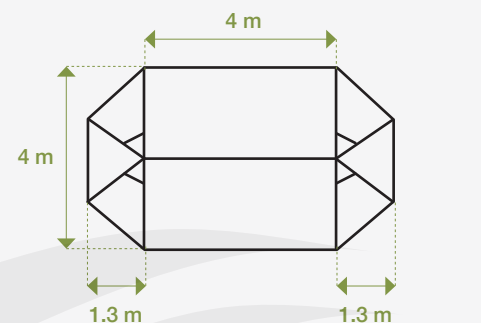
› Dimensions

Total living area	23 m ²
Main floor	16 m ²
Two vestibule area	3.5 m ² x 2 = 7 m ²
Centre height	2.20 m
Width	4.00 m
Ridge length	4.00 m
Side wall height	1.25 m
Centre base length	6.60 m

Tent doors (width and height)

Doors width	1.40 x 1.40 m (including flap)
Doors inner tent	1.00 x 1.75 m (1.55 m + 0.20 m mud flap)

› Graphic Reference



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Upright poles

2 Upright poles	2.20 m (Ø 25 mm x 1.2 mm)
1 Centre upright pole	2.17 m (Ø 32 mm x 1.2 mm)
1 Ridge pole	4.00 m (Ø 32 mm x 1.2 mm)

Side poles

6 Side poles	1.25 m (Ø 19 mm x 1.0 mm)
4 door poles	1.40 m (Ø 19 mm x 1.0 mm)

› Materials

Outer tent roof and wall mudflaps, groundsheet, partitioning and packaging bags 170 g/m² (±10 g) woven HDPE (black) fabric with LDPE (white) coatings on both sides, flame retardant EN13823 +A1, eco-tarpaulin with minimum 15% post-consumer recycled content

Inner tent **Option 1:** 100% Polyester, containing a minimum of 40% recycled polyester in the material composition. Recycled materials will be from GRS-certified (or equivalent) sources. **Option 2:** Polycotton (cotton: 40%(±10), polyester: 60%(±10)) can be used for the inner tent. Polycotton fabric will be treated with environmentally friendly FR chemicals (non-bromine, nonantimony).

Mosquito doors and ventilation windows Minimum 85 g/m² polyester mesh

› Tent Parts

Inner partition	Two half partitions running from centre pole to side wall
Chimney	A chimney reinforcement with a non-perforated opening is placed at 0.50 m from one corner
Windows	Outer and inner tents have two long windows (360 x 60 cm) with mosquito netting and a cover flap placed on both sides of the tent
Ventilators outer tent	The outer tent has four ventilation openings (25 x 30 cm) in front and back with reinforcement netting and a rain flap
Ventilators inner tent	Two ventilation openings (75 x 30 cm) above the doors of the inner tent and two long ventilation strips (360 x 20 cm) along the ridge line

› Packing and Shipping

	Unpalletised	Steel Cages
Contents	1 tent	17 tents
Type of package	Bale	Steel cage
Weight	53 kg ±3%	940 kg ±5%
Dimension	225 x 30 x 30 cm	230 x 120 x 115 cm
Volume	0.203 m ³	3.174 m ³

› Estimated Loadability¹

Container	Unpalletised	Steel Cages
20' GP	165 tents	10 cages (170 tents)
40' DC	340 tents	30 cages (340 tents)
40'HC	400 tents	30 cages (340 tents)