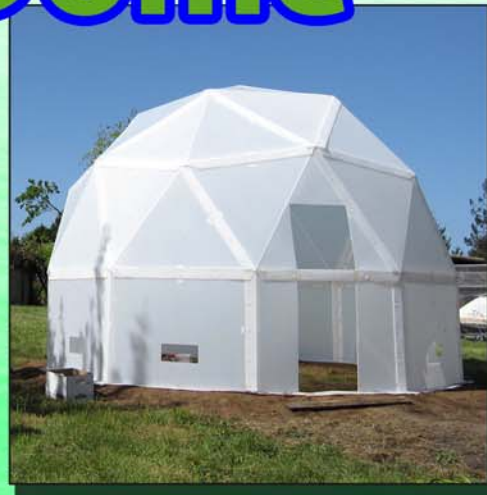


Green-Dome



Green-Dome assembly is simple with thorough instructions.
Local assembly assistance is available.



Assembled Green-Dome before installing door frame.

Specifications

Dimensions	4.88 m diameter x 3.66 m height (16 ft diameter x 12 ft height) 18.6 m ² enclosed space (200 ft ²)
Materials	Panels are UV-resistant corrugated polypropylene, 5mm thick (mat'l specs available) Precision die-cut panels of five shapes, including pre-punched bolt holes 3 year warranted panel lifetime. Panels are made from "10 Year" resin.
Fasteners	Bolts nylon M6x30mm Phillips panhead, natural Nuts nylon 66 "Push-n-Twist" M6 black Washers nylon 25mm OD x 6.3mm ID, natural
Design	Weatherproof shingled laminar dome of diamond panels, scored/folded into triangles 2v icosahedron geometry, ½ dome on vertical wall 1.17m (46") Internal framework provided by "origami beams" folded from the panels on every interior edge External shingling of every edge and vertex
Doors	Dome panels pre-cut and framed for 24"x72" plastic panel or RV-style locking solid and screen double door
Vents	Fan vents: Framed fan mount and shroud for 14" fan (12v or 110v) Panel vents: aluminum screened and shingled vent, 5"x10"
Windows	Acrylic (Plexiglas) triangle windows 17" tall x 34" wide, with opening mechanism.
Floor options	Floors are provided by user, as appropriate for each site Plans provided by WS for joisted floor.
Modularity	Multiple Green-Domes can be joined together
Load capacities	Standard single-shell Green-Dome: Wind resistance to Force 9; Snow load to 15cm (6") on ground snow
Anchor/guying	Footing at base of vertical wall panels provides screw-down anchor points into wooden platforms Attachment eyes at key locations on Green-Dome for attaching guy lines and/or anchor lines Anchoring is mandatory. Guy lines recommended when wind exceeds 20mph.
Instructions	Iconic instructions and labeling on every edge of Green-Dome panels guide the assembly process
Assembly	Four people can assemble the Green-Dome shell in approximately four hours.
Shipping	1.82m x 1.52m x .25m (72"x60"x10") pack includes Green-Dome shell, fasteners, instructions, tools Packed in one parcel of 79.4kg (175lbs), can be hand carried to site of use



Local Partnership
Green-Dome sales benefit non-profit humanitarian shelter projects.
For more info check out worldshelters.org

