

Eco Living Dome - Geodesic Dome Tent



Eco Living Dome -- Have you ever wanted to live or entertain in a home where you still felt like you were connected to nature and structure was portable? **BDiR Inc.** provides eco living domes of 5m to 12m in diameter across many sectors from living, entertainment to studio and camp. Not only is this home good for the environment, but it's also an relaxing atmosphere for you to enjoy.

Advantage :



Customizable: To meet the specifications of our clients, all of our eco domes are available in a variety of colors, sizes and shapes.

Portable: Our eco domes are portable which are perfect for those who love to move wherever they wish enjoy the unique outdoor experience.

Energy-efficient: The ambient airflow is continuous, requiring less energy to maintain even temperatures. It also requires less building materials to enclose more space.

Eco Living Dome Application :

No matter where your Glamping / camping site or Resort will be located - be it on water, rocks, desert, sand, a grassy plain, tropical beach, ice field or in dense rainforest - The Geodesic Dome Tent can be built to safe and lasting.



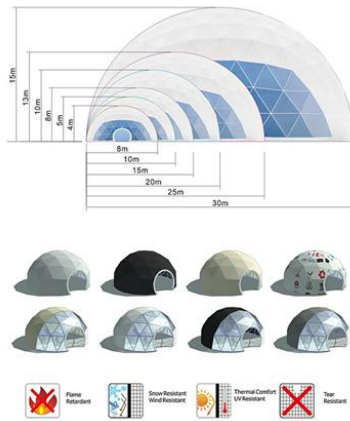




Eco Living Dome Size:**5M****6M****7M****8M****10M**

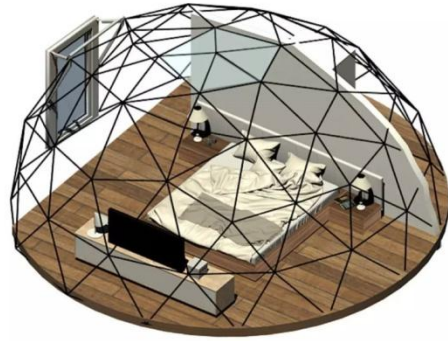
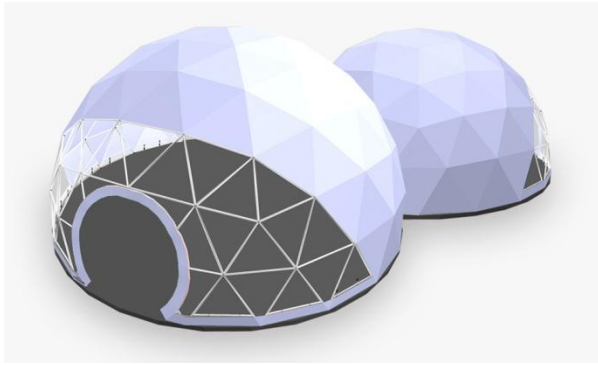
Diameter	Floor surface	Height	Structures weight	Coating weight	Frequency	Maximum wind load	Assembly
5M	19	3	141	64	3V	80KM/H	1-2
6M	28	3	185	77	4V	80KM/H	1-2
7M	38	3.5	220	105	4V	80KM/H	2-3
8M	50	4	321	137	4V	120KM/H	3-4
10M	79	5	498	191	5V	120KM/H	7

Materials & Accessories:



Steel Structure	<p>In order to cater to different requirements of our most demanding customers, BDiR DOME provides geodesic dome houses made of aluminum alloy or steel dome houses.</p> <p>Aluminum alloy geodesic dome glasshouses from BDiR Inc. are available in sizes ranging from 5m to 10m. They are long lasting, reliable, eco-friendly and can be individual designed.</p> <p>Glass dome structures also offer unsurpassed versatility. They can be used as an ultra modern eco-home, eco-resort, a recreational space, an exclusive SPA, a winter garden or beach restaurant.</p>
Covers	<p>The membrane covers are highly durable, made of polyester fabric, which is easy to keep clean and resistant to scratches because of its smooth surface. All of our PVC fabrics are certified and comply with European standards of quality. Cover made of the PVC polyester textile has a working temperature from -40°C up to +70°C. Moreover, there're a few other advantages, such as:</p> <ul style="list-style-type: none"> ✓ Good long-term look and 10 – 15 years life expectancy ✓ Flame resistant to DIN 4102, B1/ M2 & NFPA 701 ✓ Water-resistant and dirt repellent ✓ UV and heat resistant ✓ 5-Year manufacturer warranty ✓ Vast color selections (all white or in any desired RAL color)
Entrances & doors	<p>Each of our geodesic dome structures comes standard with one circular entry. Depending on structure's size:</p> <ul style="list-style-type: none"> ✓ 1.2x1.8m door is designed for dome of 4-6m in diameter; ✓ 1.5x2.1m door is designed for dome of 7-9m in diameter; ✓ 2.4x2.4m door is designed for dome of 10-14m in diameter. <p>Our eco living domes can be installed with zip doors, solid doors, aluminum and glass doors or individual design doors in any shape.</p>
	<p>Our windows are made with transparent vinyl and are extremely waterproof and durable. The clear windows are soldered by hot pressed, thus they have a good ability to resist tearing. What's more, they can be designed in demanding shapes and sizes if needed.</p> <ul style="list-style-type: none"> ✓ Bay Windows <p>The white PVC fabric with a transparent front allows a wealth of additional natural light into the dome. The transparent fabric is pasted by hot pressed which creates a good performance in tear</p>

windows	<p>resistance.</p> <ul style="list-style-type: none">✓ Skylight Window <p>In order to enjoy the starry night, the skylight window is the highlight in dwelling dome design. Also, we offer the electric curtain to block the transparent in the daytime.</p> <ul style="list-style-type: none">✓ Windows of Any Demanding Shape <p>We provide you with personalized services. In addition to the windows with general shapes, you can order the windows in various shapes, such as a trapezoid, round, triangular and star etc to make your living dome look unique.</p>
ventilation	<p>The installation of a top ventilation hatch or a bottom zipper hatch, in combination with the optimal air circulation patterns of a dome, will make your dome home cozy and comfortable at minimal expense. For example, you can equip your living dome with an optional stove vent flashing and cap for wood stove installation; or you can order screen “roll up” windows so that you can let light and fresh air in. The amount of the ventilation hatches depends on dome sizes.</p> <p>Depending on your desires, it's also possible to set the automated ventilation system (heating or cooling) for your tiny dome home. Just let us know and we'll make it for you.</p>
insulation	<p>When you're setting up your geodesic dome tent and living in it anywhere where there's seasonal climate change, the first priority is insulation. You should take into account how to stay warm/cool.</p> <p>Apart from the additional ventilation for stoves and exhaust fans, we provide insulative liner to achieve a good level of temperature control.</p> <p>It is waterproof, UV blocking, fire retardant, mold resistant and easy to keep clean. Having simple installment, it can quickly create a well-ventilated dome house space with optimal temperature.</p>



Our Projects :**No.1 5pcs 8M Geodesic Dome Pods for RV Parks -- Yun Nan, China**

No.2 12pcs 6M Geodesic Dome Pods for Wugong Mountain Resort - Jiangxi, China

No.3 24pcs 6M Geodesic Dome House for Hulunbuir Grassland Camp - China

No. 4 12pcs 7M Geodesic Dome Room for Thousand Island Lake Resort - Zhejiang, China

