

Luna

is a portable bar system that is ideal for any event that requires a non-permanent easy to install space for vending products over a counter. This bar system is both an indoor and outdoor space solution that does not constrain the user by weight and installation time.

Evolution Dome



Capricorn House
Fen Road, Pidley
Cambs, PE28 3DD

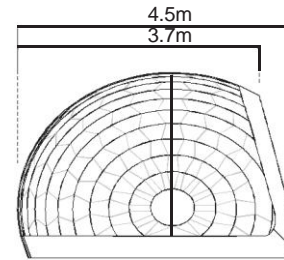
Tel: 07513 492992
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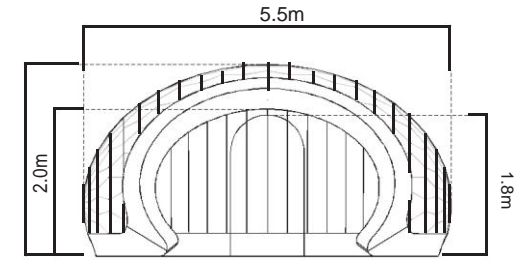
www.EvolutionDome.co.uk

- External Dimension:** > 5.5m x 4.5m
(when inflated & used indoors)
> 5.5m x 5m
(when inflated & used outdoors
with larger fans units)
- Entrance Height:** > 2m max
- Max Usable Floor Area:** > 12.3m²
- Min Build Site Area:** > 6m x 5m
- Capacity:**
- Seating:** > See Capacity Diagrams
- Exhibition:**
- Standing:**
- Min Set Up Crew Required:** > 1 Person
- Min Set Up Time:** > 15 mins
- Min Inflation Time:** > 10 mins
- Power Required:** > 120 watts (indoor)
> 2.25KVA min secured (outdoor)
- Fans: (indoor usage)** > 1 x ACI
(outdoor usage) > 1 x compact fan

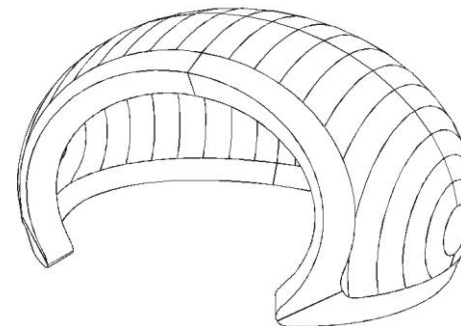
EXTERNAL DIMENSIONS & ARRANGEMENT



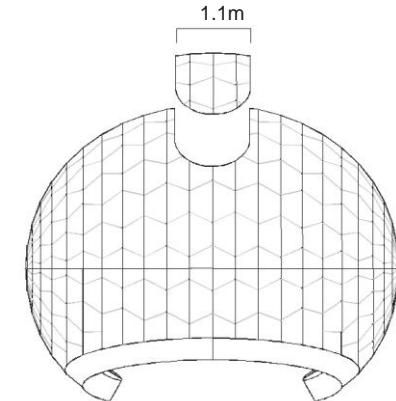
SIDE



FRONT



PERSPECTIVE



PLAN

Dimension Structure: > 500mm x 500mm x 600mm
(De-flated & Packed)

Weight Structure: > Gross 30 Kgs
(De-flated & Packed) Nett 26 Kgs

Dimension Fan:(indoor fan)> 290mm x 290mm x 100mm per fan

Weight Fan: > 2Kgs per fan

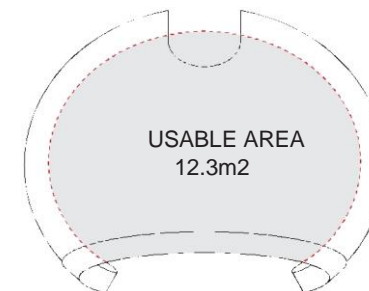
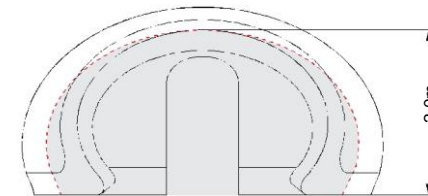
Dimension Fan: (outdoor fan) > 380mm x 385mm x 400mm per fan

Weight Fan: > 9Kgs per fan

Colour: > White or Black / Silver

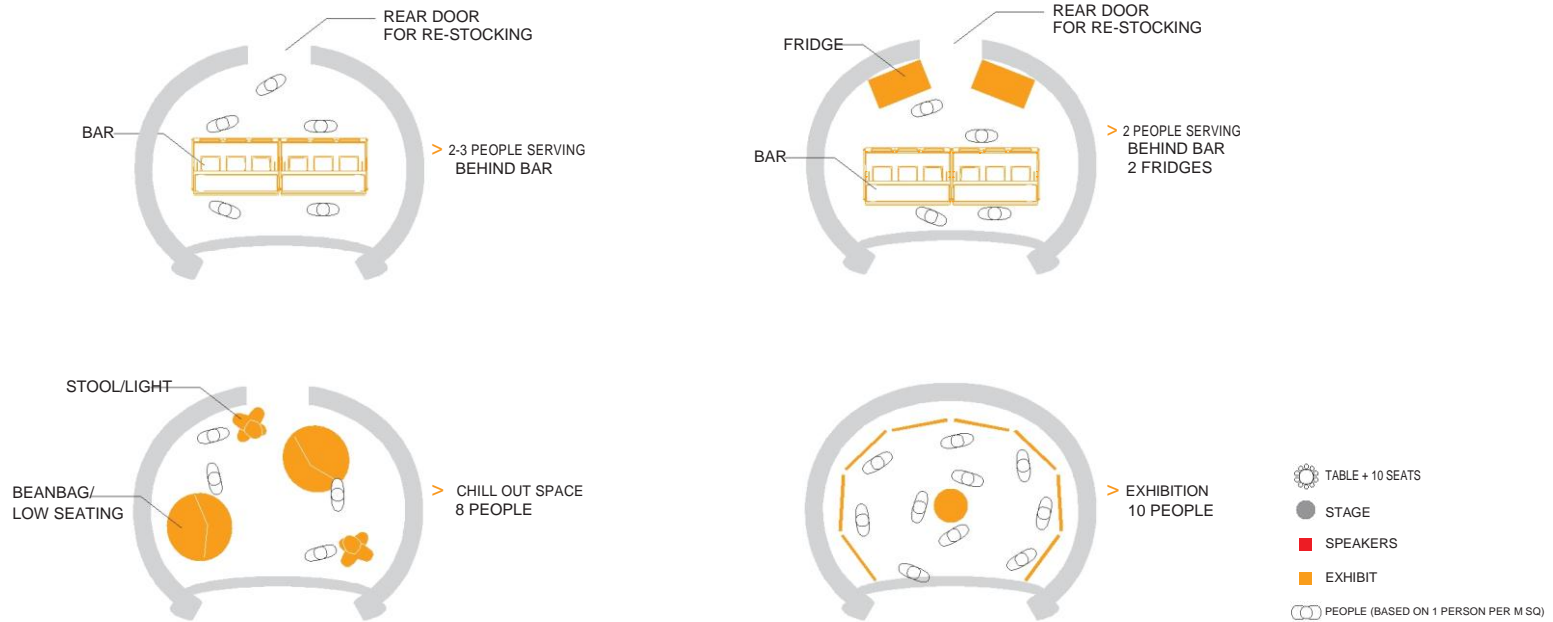
Core Package: > Structure, bag, fan, instruction manual

INTERNAL DIMENSIONS



Please note > It is the responsibility of the client or site management to ensure that the power used for the running of the fans is secure and tested.

Evolution Dome cannot be held responsible for any power failure under any circumstances.



Due to the unique nature of the Evolution Dome Structures the interiors are used for a vast range of functions with varying layouts. The layouts within this document demonstrate how to best optimize the space for dining, conference, presentation, and exhibition layouts.

Branding >

Branding can be applied permanently to the structures as screen print or off set digital printing at the source of production. Temporary branding can be added as vinyl or Dacron adhesive panels to pre made structures.

Please note that not all artwork is possible to apply to the structures and samples of proposed artwork should be supplied as soon as possible for review by Evolution Dome for sizing and positioning requirements.

Bespoke Colours >

Bespoke colours of structures can be supplied, but this will increase the general lead-time by c.30 days.

Fabrics and Materials >

All the structures are constructed from Rip Stop Nylon and Polyester Re enforced PVC. Other fabrics can be used in the production subject to the tests and costs.

All fabrics are tested for performance of flammability for textiles used in the construction of marquees and similar textiles structures to standards: BS 7837:1996 / BS 5438:1989 / Test Method B

Lighting >

Fluorescent tube Encapsulites are used to illuminate the range of Luna's. A spectrum of coloured gels can affect the look and the feel of the structure with dramatic results – but can sometimes affect the intensity of light generated. The intensity of illumination is also affected by how intense the ambient light surrounding the Luna is. Fluorescent lighting only generally works on our standard white Luna's.

Flooring >

There is a range of flooring we can offer: Snap Lock flooring offers a good solution for quick installation of plastic flooring to cover grass. This will stop build up of mud and dirt. It will follow the contours of the grass and should not be expected to give a flat totally level floor. The tiles are 15mm thick. The floor can be further enhanced with carpet or other top finishes. 100mm wooden ply decking shaped to the profile of the structure offers the best opportunity for creating a solid level floor for the buildings. The flooring is leveled using packers up to 150mm. For any installation where the undulations are greater than this may require specific design solutions to achieve a level floor? The flooring is able to have solid wooden doors and other such features combined with it. This flooring can be covered with exhibition carpet / rubber flooring and have recessed lighting etc.

Noise Reduction >

The standard fans for the Luna range run at 56Db. These can be further softened with dimmer switches for the fan units as well as remotely positioning the fans for permanent installations.

Weather Conditions >

Evolution Dome has no control over the weather conditions during use and advise all events are monitored for extreme weather. All the structures are designed as airflow systems and this acts as an air repulsion to stop water from coming into the structure allowing it to run down the outside of the structure to the ground. As with all outdoor events this is 99% effective in most situations.

Whilst none of our structures have been engineered for specific snow loads, we have been able to maintain our structures in snow conditions by increasing the number of fans used, installing additional trussing support as well as maintaining a higher temperature internally within the structure. However, loads cannot be guaranteed and would need to be reviewed on an individual project, condition and location basis.

Wind Loading >

We recommend that all of our structures can be used in wind loads of up to 30mph based on the standard ground fixing specified in this document.

The structures can and will stay stable in higher wind loads with extra ground fixings and can be further enhanced with internal trussing to achieve full building regulations for permanent installations.

The structures are either secured to the ground using internal ballast which fits inside the walls of the structures via a zip opening or by tying to ground anchors such as 'platypus' anchors or 'terra' bolts. All the structures have 50mm webbing tie loops at approx 450mm around the outer parameter of the structures. Each of these tie points are capable to hold 150kg load.

These structures have been designed for the demand of temporary events to offer efficient installation and de rig time. We recommend a 500kg ground anchor every 2m around the parameter of the structures. These are then connected via 5 ton webbing straps. Please refer to build manual. The higher the wind load the greater the deflection in the structures. This will be subject to the form and the direction the wind comes from. We recommend that any internal fit outs of the structures have no sharp objects closer than 1.5m to inner membrane at heights over 2m unless internal trussing is used.

As a company Evolution Dome cannot be responsible for weather conditions and the health and safety on site is always the responsibility of the projects site manager.

Transportation >

By nature of inflatable products they pack down to a fraction of their inflated size. Transportation can be as simple as putting an OIAB on the back of a scooter to fly across a city to make a presentation. The idea of the pop up presentation with Evolution Dome's inflatable products has so much more theatre than other flimsy alternatives.

The Luna matches this simplicity of portability and ease of erection. The larger the buildings become the bigger these packages are with small vans and trailers offering quick and simple transport solutions. Though the Trident (Evolution Dome's largest structure) weighs in around 1400kg it still packs into a case (2m x 1.7m x 1.4m) and can be transported on a trailer. As your event grows and the demands for flooring and other accessories become larger, the transportation can be simply extended to artic trucks.

Evolution Dome Warranty >

Evolution Dome's offer a one year warranty which covers the quality of fabric, manufacture and suitability for use, in line with our Inflate Build & Care Manuals.

However, due to the nature of use and conditions in which some structures are erected, Evolution Dome's reserve the right to inspect, decide and advise on a suitable course of action in conjunction with this warranty.

Any additional enhancers to the structure, such as lighting & flooring will obviously affect the 'Min Set Up Time' as shown above and should be taken into account for any event. All dimensions, weights and timings and general details in this document are subject to change, and Evolution Dome maintain the right to change these at any time it sees fit. For further information on this please contact us.



