

Inflatable Dome Hire – 14m radius in size



Brief Overview

Our 14m diameter inflatable dome is the perfect pop up space to house your perfect event, from showcases and open days to parties and late night entertainment.

The structure is designed to stand wind speeds of up to 30mph making it a perfect attraction for outside events as well as indoor. It is best assembled on grass, where it is tied down with 18 ground anchors, however also assembled on concrete (above pic) where it needs sand bags to weigh it down, which are carefully hidden inside the lining of the structure, ensuring there is no visual impact what so ever of the ballasts.

LED lighting panels can be used to light up the internal perimeter of the structure giving an incredible effect after dark .

Once again these lights are completely hidden from view.

The dome can be used for a variety of reasons and is incredibly flexible in the way it shapes an event. We can add bars, stages, PA and extra internal lighting to make the dome fit to the event you want. Capacity is calculated on the infrastructure used in terms of tables, chairs, bars and staging. More details on cap can be found further on in this information pack.

Tell us what you are looking for and allow us to cater for your event needs.

Technical Info

External Dimension: > 14m diameter x 8m (when inflated)

2 x Entrance Heights: > 2.15m

Max Usable Floor Area: > 120m

Min Build Site Area: > 18m diameter

Estimated Capacity Guide;

- 120 when used for exhibition (stage size dependant)
- 140 seated with a 4m diameter stage in the middle
- 140 seated with a 4x2m stage
- 100 with 10 circular tables (10 seats at each) and a 4x2m stage
- 180 when 20% taken out for bar/dj tables along one side

Min Set Up Time: > 2.5 hours

Min Secure Power Required: > 6KVA

Ground Fixings: > 22 x Terra Bolts or 10 tonnes of Ballast (bolts go approx 1m into grass)

Dimension Structure: > 1300mm x 1300mm x 1000mm (De-flated & Packed)

Weight Structure: > Gross 415 Kgs (De-flated & Packed) Nett 370 Kgs





Please note picture is not exact image of internal dome

Weather Conditions when using the dome

BSU has no control over the weather conditions during use and advises 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.

Wind Loading

We recommend that the structure can be used in wind loads of up to 30mph based on the standard ground fixing and a site risk assessment carried out by BSU staff. The structures can and will stay stable in higher wind loads with extra ground.

The structures are either secured to hard standing ground using internal ballast (sand bags) which fit inside the walls of the structures via a zip opening or by pegging down on grass surfaces.

As a company BSU cannot be responsible for weather conditions and once the structure has been signed off by BSU staff and handed over to the events site manager, then the health and safety of the structure is always the responsibility of this site manager.

Fabrics and Materials of the dome

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

Flooring

We offer Snap Lock flooring, however when used on grass this will flatten the grass. **We need permission from the land owner to use the space and confirmation that the structure will not cover any electric, gas or water piping.**

The floor tiles are 15mm thick and the flooring should not be expected to give a flat totally level floor. The floor should ideally be further enhanced with carpet at an extra cost dependant on the type of event and the quality you require.

Doors & Closures

Our structure comes with light weight zip in night sheets and inflatable zip in closures. The structures can also be fitted with painted wooden doors, but we don't currently own these so a hire cost will incur. These doors come as double or single openings subject to the design, and can have push bar fire latches.

Lighting

BSU offer a range of LED and Florescent lighting to enhance the evening effect of the structures. Florescent Internal lighting provides lower wall ambient lighting effect. The LED lights can be used as colour changing spot lights or wall washers. We can also provide internal trussing systems can to mount lighting for specialist lighting effects.

Transportation

The dome deflates to a fraction of its size, but due to the weighting of the structure and the flooring/ballets needed, transports costs will be based on the event destination in relation to HP11 2JZ. Exact transport costs will be directly passed on to our customers.

Further infrastructure

Aluminium adjustable staging is available in various square and rectangular sizes of 1220 by 1220mm / 1830 by 1220mm / 2440 by 1220mm.

Please note the staging cannot be shaped to exact profile the inflatable structure. The stage heights start at 800mm and the loading capacity varies from 350-750kg.

Bar Packages

Within the dome, we offer a range of pop up bars to cater for your event. From cocktails, to higher volume setups, we can supply bar packages that will include a full bar setup, supplied with a cash bar and staff employed by BSU.

- A temporary events licence application on your behalf (explained in more detail)
- Bar structures to fit the layout you would like in the dome
- Refreshments based on what you want us to sell at your event, we offer leading brands for all beers, wines and spirits on our bars
- Staff to match your expected numbers, who are all experienced bar men and woman, giving the upmost in customer service.

Please do tell us exactly what you are looking for and we can try to provide you with a package to suit your needs. We are more than happy to discuss options available to you, from the products we serve to the prices we sell them for.

Security

BSU employ licensed security to work for our own events in the venue. These staff are a trusted, loyal and hard work team of staff vetted purposely to work with a range of customers, the students' union cater for. Dependant on the size of your event, BSU can also supply both badged door staff and/or stewards to your event, who are experienced in working a vast range of events from small parties to 3,000 capacity festivals.

Please note security is not automatically included in any hire of the dome or bars.

Duty Event Management

We employ experienced event and operation managers who can duty manage your event running Bars, Security, Door entry and Stage Management, ensuring your event is run safely and successfully. We would require details of the event 3 months prior to the day and our managers would be under contract for BSU working on behalf of you the client.

Entertainments, Sound & Lighting

BSU supply a range of PA and lighting packages to cater for dome events. All our equipment can currently only be hired with our staff to operate it; however this does mean you have our staff throughout your event. We can supply you with a technical spec on what we can offer, so again just let us know the type of event and we can supply you with our best quote.

We also operate through Inside Out Talent (insideouttalent.com) who supply a range of performers from DJ's and cover bands through to fire breathers and circus performers. They have access to a large variety of entertainment to suit your event, all at very reasonable prices.