



# Technical Datasheet

## Inflatable Lightning Dome

The lightning dome is a self-contained Faraday Cage which can be used as an optional extra for Lightning Man / Tesla Coil effects.



### Specifications:

Inflated diameter :  
6.0mtrs

Inflated height : 5.5mtrs

Clearance : 9.0mtrs

Shipping weight : 532kg

Packaging type : Bag

Power : 230v, 16A

Power connector : 16A  
Ceeform plug

Suggested for set up :  
2 people

Duration of effect :  
Continuous

To operate it requires simply a flat floor area, sufficient vertical clearance and a mains or generator power supply. To install the system we require loading access with a minimum width of 1 metre. All components of the system are man-handable.

Safety requires that we have a clear area 1.5 metres around the dome (9 metres overall diameter). No audience members, crew or equipment must be placed in this area. Where there is a standing audience, a physical barrier must be present to mark this safety clearance.

Ballast in the form of sand bags is required to stabilise the dome. For indoor use we need 8 x 30kg sandbags (total ballast 240kg). For outdoor use we need 24 x 30kg sandbags (total ballast 720kg). These sandbags should be sealed to prevent leakage of sand.

The dome requires a continuous supply of clean air. This is supplied by a blower connected to the dome. If the system is to operate in a dusty or wet location please inform us so that we can supply adequate filtering for the air intake.

The lightning dome requires a safety electrical ground connection in addition to the mains supply ground. In indoor locations this connection can often be made to the structure of the building (steel girders, water pipes, steel reinforcement mesh, steel cladding). In outdoor locations we will need to drive ground stakes. In this case please notify us of any buried cables in the area of installation.

