



## The MMI Inflatable Dome

The MMI dome is an inflatable dome measuring 5 or 6 meters in diameter. It is inflated by a three-speed fan that continuously blows air into its interior.

To enter and exit, the highest blowing speed is used to compensate for air that is lost. Once the audience is inside, the fan's speed is reduced to its lowest speed to maintain a quiet, continuous airflow that keeps the dome inflated and the interior comfortably ventilated.

The dome fabric is a blackout type with fire retardant treatment. Its complete opacity ensures optimum darkness and thus the best sky possible, regardless of the lighting outside the dome.

Entrance to the dome is quick, comfortable and safe. The two meter high entrance is easily opened and closed with a double-sided, easy to grasp zipper.

Since the dome does not have a floor, emergency evacuation is instantaneously and safely achieved by simply lifting the dome over the audience's heads and to one side, exposing the interior in seconds.

The dome is remarkably lightweight with only 22 Kg. (50 lbs) for the 5 meter model, it can be transported by one person. Once folded, the dome fits neatly in the provided carry bag.

The exterior color of the dome is blue. The interior color can be flat white or grey per your specifications.

Please call for prices.

Got an old inflatable dome you need to replace? Ours are up to 50% more cost effective than the other domes on the market.



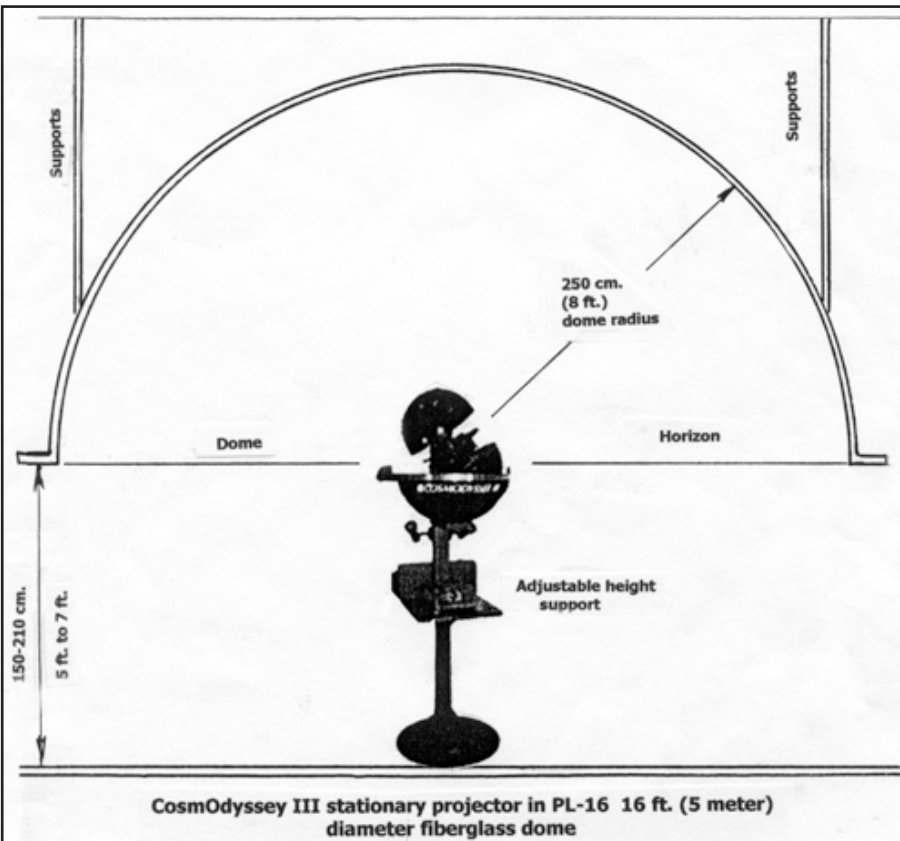
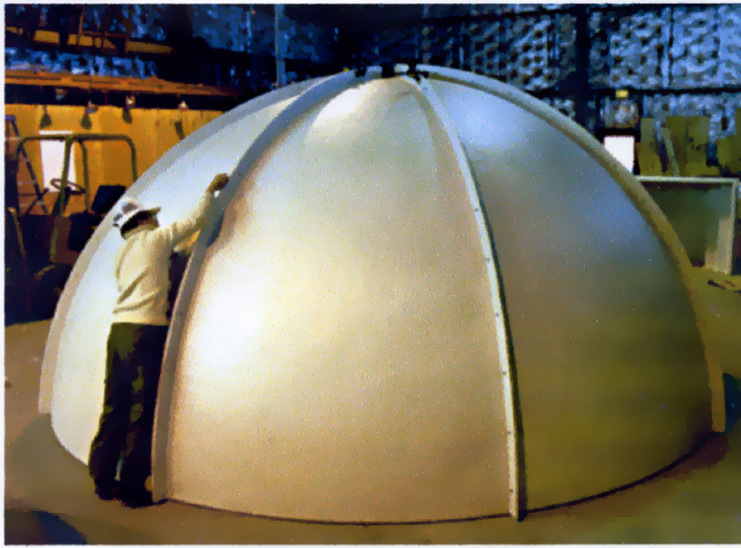


## The PL16 Fiberglass Dome

The PL16 planetarium dome is designed for use in educational institutions and especially for the stationary version of our CosmOdyssey planetarium projector and may be used with similarly designed star projectors of other manufacturers. This dome is suspended from the building structure and it may be optionally enclosed with a wallboard structure to give it a professional built-in appearance.

The PL16 is constructed from 8 sections, or gores. The sections bolt together with stainless steel bolts (provided) through the outward vertical flanges. The "equator" of the dome features an inward flange which can be used to support lighting or projectors, as needed. The spherical inner surface is a smooth white gelcoat and is suitable for direct projection. The joints between the gores are normally filled with caulk or spackle. The fiberglass construction provides excellent sound insulation from outside the dome. Although not necessary for function or appearance, the dome surfaces may be painted, as desired. At the top of the dome is a hexagonal opening of about 14 inches in diameter. This opening allows access to the top outside of the dome, thus simplifying assembly. The access hole is normally covered with a flush-fitting fabricated part (supplied). Ventilation and/or sound systems can be fitted into this opening. The outer vertical flanges also provide the means by which the dome is hung from the ceiling. In addition, the dome may be easily built into a ceiling, using any standard building technique, such as framing and wallboard.

Installation of the dome can be performed in place by two experienced persons in about a day without cranes, fibreglassing or special tools. Subsequent disassembly or assembly will take about three hours.



### PL16 Features

- \* Flexible installation
- \* Dome of 16 ft. internal diameter
- \* Textures exterior: off-white
- \* Smooth molded gelcoat interior in white or light grey, per your specifications.
- \* Industrial quality fiberglass throughout
- \* Dome composed of 8 gores bolted together
- \* Vertical external flanges, 4 inches wide
- \* Horizontal internal flanges, 4 inches wide
- \* Zenith opening 24 inch diameter
- \* Dome weight 650 pounds (approx. 2200 pounds crated)

Please call for pricing.

We have applied the same manufacturing techniques used to create our top of the line Polaris Observatory Domes to create the PL16 planetarium dome described here. The domes are created from carefully crafted molds to provide accurate and smooth spherical surfaces. The nature of the design allows the assembly of the dome without special equipment. The PL16 dome is designed to be suspended from the structure of a building and may be built-in with wallboard for cosmetic effect