

# Glass Flotation Modules

**G2200**

**G6600**

**G8800**

## Features and Benefits of McLane Glass Flotation Modules

**Description:** Ocean-depth rated 12” borosilicate glass spheres in polyethylene protective hard hats. Positive buoyancy ratings are: **G2200** (single sphere) **10 kg/22 lbs**, **G6600** (triple sphere) **30 kg/66 lbs**, and **G8800** (quad sphere) **40 kg/88 lbs**. Multiple units can also be assembled in modular, through-center systems connected by a center rod to provide compact buoyancy concentrations.



- ❖ Through-center assembly **reduces mooring drag**.
- ❖ G6600 is **18% more buoyant** than a 17” sphere at (25.4 kg/56 lbs).
- ❖ Each sphere is **individually tested to 7,000 meters** (10,000 psi).
- ❖ **Cost effective** alternative to other flotation solutions.

**Through-center systems:** G6600 and G8800 units can be assembled in axis symmetric, through-center systems connected by a center rod. Locking pins or rods secure the hard hats and prevent independent rotation within a module. This assembly turns with the current direction and eliminates cable twist for more stable, reliable mooring performance.

**Fabrication process:** McLane’s stringent fabrication process makes long-lasting spheres of the highest quality. Glass hemispheres are meticulously inspected and equators precisely ground and matched for an ultra-smooth, tight seal. Assembled spheres are closed with a vacuum-seal.

# Glass Flotation Specifications

## Model: G2200

**Description:** One - 12" glass sphere w/ hard hat housing

**Buoyancy:** 22 lbs. (10 kg.)

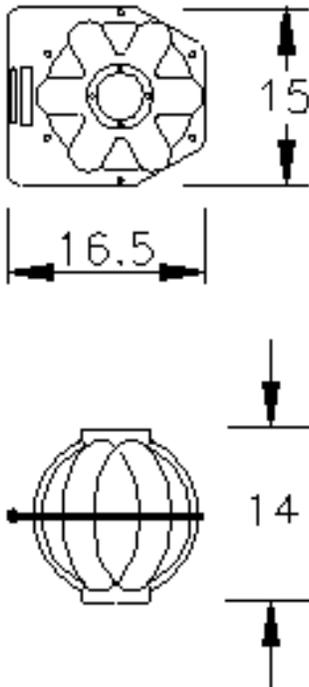
**Dimensions:** 15 x 16.5 x 14 in.  
(38 x 42 x 35.5 cm.)

**Depth Rating:** ~ 23,000 ft. (7,000 m.)

**Weight-in-Air:** 14 lbs. (6 kg.)

**Test:** ~ 10,000 psi (7,000 m)

**Other:** Conventional flange mount hard hat.



## Model: G6600

**Description:** Three - 12" glass spheres w/ hard hat housing

**Buoyancy:** 66 lbs. (30 kg.)

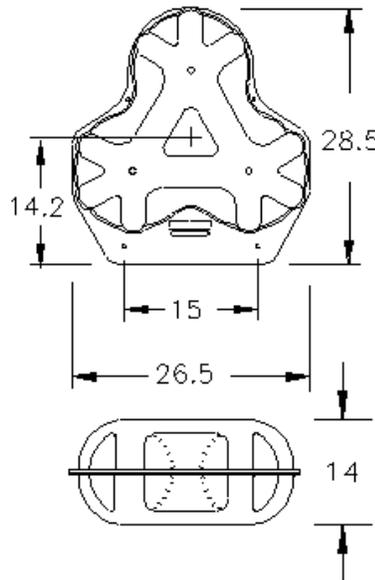
**Dimensions:** 26.5 x 28.5 x 14 in.  
(67 x 72 x 35.5 cm.)

**Depth Rating:** ~ 23,000 ft. (7,000 m.)

**Weight-in-Air:** 46 lbs. (21 kg.)

**Test:** ~ 10,000 psi (7,000 m)

**Other:** Through-center assembly mounting hardware available to stack two or three units.



## Model: G8800

**Description:** Four - 12" glass spheres w/ hard hat housing

**Buoyancy:** 88 lbs. (40 kg.)

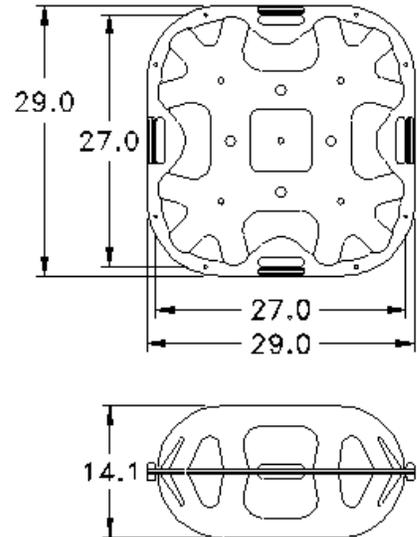
**Dimensions:** 29 x 29 x 14 in.  
(74 x 74 x 35.5 cm.)

**Depth Rating:** ~ 23,000 ft. (7,000 m.)

**Weight-in-Air:** 66 lbs (30 kg.)

**Test:** ~ 10,000 psi (7,000 m)

**Other:** Through-center assembly mounting hardware available to stack two units.



*Schematic dimensions shown above are inches*

*Specifications Subject to Change without Notice*



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