

## When to Use GRG & FRP Diffusers:

GRG & FRP diffusers are used to evenly distribute sound in a given space such as movie theaters, lecture halls, etc.

## Instructions for wall mounted Glass Reinforced Gypsum (GRG) & Fiber Reinforced Plastic (FRP) Diffusers:

- Mock-ups under jobsite lighting and finish conditions are strongly recommended. Installation should not begin until product is acclimated to environment for 24 hours prior to installation.
- Installation should not begin until jobsite is clean with lighting and environmental conditions (temperature and humidity) approximating that of occupancy.

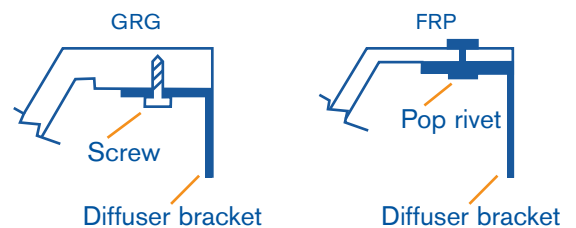
## Installation of Brackets to Diffuser:

- Determine whether you are installing a GRG or FRP diffuser. Diffusers may be mounted vertically or horizontally.
- Position all four diffuser brackets 2" in from side edge of the diffuser, flush with the flange and attach with a screw if GRG or pop rivet if FRP. (see fig. 1)

## Installation of Wall Brackets:

- At the desired location safely level the diffuser against the wall
- Place a small horizontal and vertical mark on the wall indicating the top center of the diffuser. (see fig.3, "F")
- Determine the length from the outside edge of the diffuser to the first screw hole of the wall bracket. (see fig. 2, "G")
- Place another mark on the wall from mark "F" down the distance of dimension "G" (see fig. 3, "H")
- Scribe a level horizontal line on the wall from mark "H" (see fig. 3)
- Determine the distance from center line of the diffuser "F" to the outside edge of the diffuser bracket. (see fig. 3, "I")
- On the scribe line place two small vertical marks the distance of dimension "I" in both directions left and right of center line. (see fig. 3) Secure wall brackets to the wall (wall fasteners per specifications) at these marks

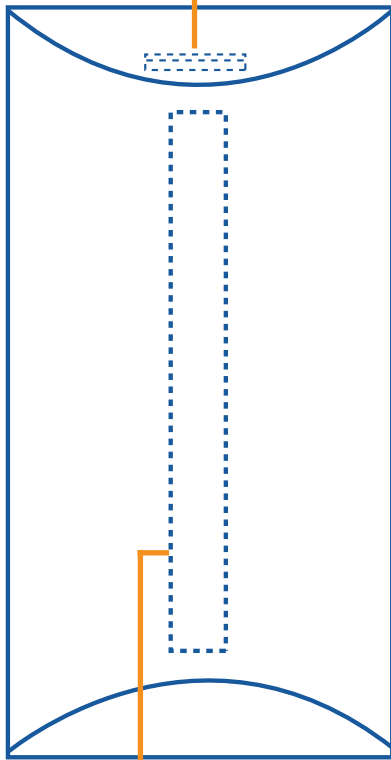
fig.1



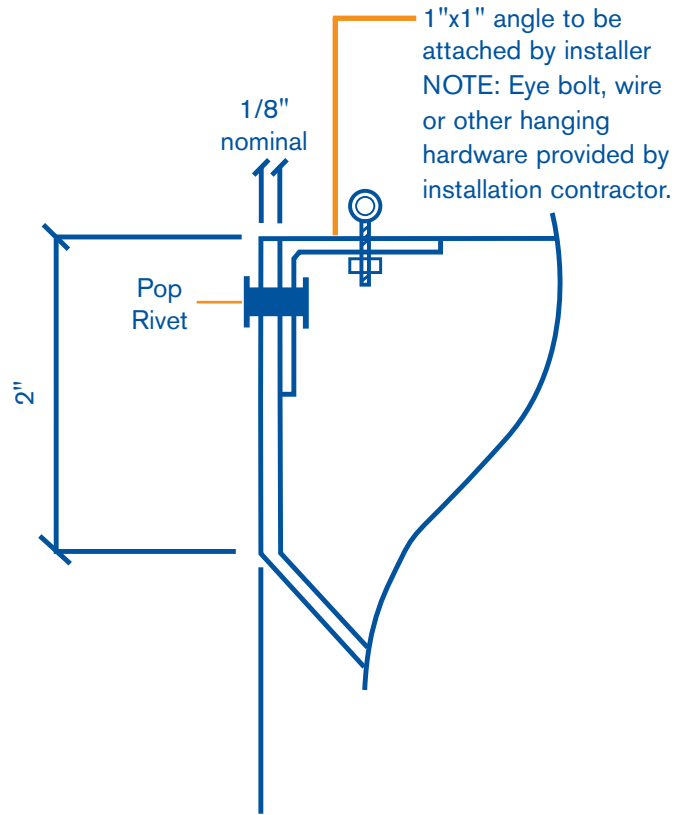


## Mounting Diffuser to Ceiling:

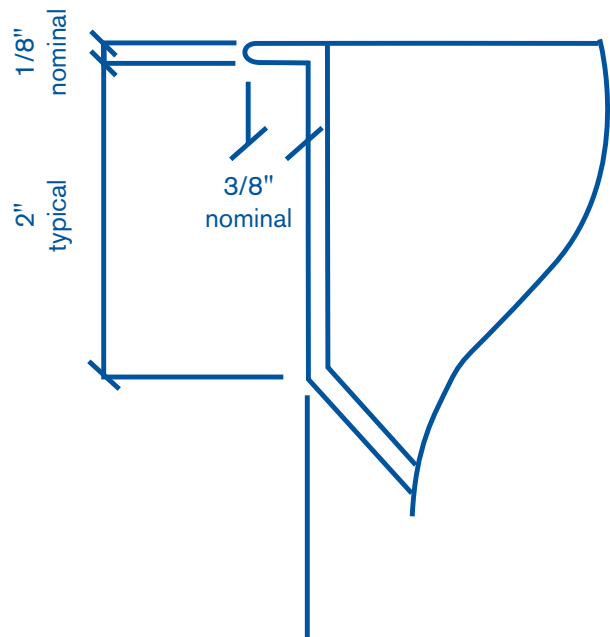
1" x 1" x 6" FRP angle  
(safety chain by others)  
to be attached for ceiling  
or suspended mount only  
(optional)



Reinforcing if required.  
(Safety chain by others to  
be attached for ceiling or  
suspended mount only  
(optional))



SUSPENDED CEILING DETAIL



LAY-IN CEILING DETAIL

