

REFLECTION PRODUCTS

SAFETY AND SECURITY PRODUCTS

General Information on Dome Mirrors

NOTE: The numeric portion of the item numbers are represented with “...” Each size of mirror has its own unique number and can be found on that item’s web-page . The intent of this document is to provide general information to help persons make the best decision when purchasing one of our mirrors.

Quarter and Half domes

There are four mounting methods for the Quarter and Half dome mirrors.

1. Drop-Ceiling Clip Mount – Clips on the flange used to attach to the Drop-Ceiling edge molding Strip then held in place with a screw through the front flange into the ceiling tile. The Part Numbers start with “ALH...”



2. Hard Backed and Steel Backed with Wall Mount brackets – Brackets attached to the Back-Plate fastened to the wall with screws. Note: The back-Plate is only on the top or Flange-Side of the mirror. The Quarter Dome has two open sides and the Half dome has one open side. The Part Numbers start with “RP-RAV...”



3. Flange Mounted fastened directly to wall or ceiling with screws. Part Numbers start with “RP-RAV...” and end an with “L”.



4. Spring tension Mount. (Two hooks are screwed into the wall behind the mirror and the springs are attached to the hooks) NOTE: These Domes have a White Trim where the other domes have a black rubber trim. Part Numbers start with “SA-PV...”



FULL DOME MIRRORS

The full dome mirrors are mounted on a hanging chain, fastened directly to the ceiling or the mirror has a 24" x 24" back flange that replaces a ceiling tile for drop ceilings. The "RP-RAVnnF" (nn would be the numeric size) domes have a Hardboard back-Plate and the "RP-RAVnnFS" have a 20 Gauge Galvanized Steel Back-Plate. The Full Dome shown below is the AL-H... version, which has no back-plate but does come with the hanging chain where the RP-AV... domes have loop hardware to attached a chain or wire but does not come with the chain .

Chain Mounted



All of the Domes can be fastened with screws directly to the ceiling. If this is how you plan to attach the mirrors, then the AL-H... or the RP-RAV..FL (L stands for Lens only) versions are what you should consider using. A back-plate is not needed when mounted directly against a ceiling and both versions do not have back-plates but do have the screw holes in the flange.

DROP-IN CEILING – TILE REPLACEMENT DOMES

There are two drop-in dome mirrors. Both mirrors are 22" diameter. The difference is in the back-plate (Flange around the mirror).

One back-plate is 23 7/8" x 23 7/8" (24 x 24) Part number RP-RAV24DI.

The other size is made for a 24" x 48" ceiling tile where the back-plate is in two pieces and made to fit the 24" x 48" ceiling tile. Part number is RP-RAV48DI.

Both the PR-RAV24DI and PR-RAV48DI mirrors have the back-plate painted a textured white to closely match the standard white ceiling tile.

The AL-H144225 is also a 24 x 24 Drop-IN dome with a 22" diameter mirror. The difference is that the back-plate is NOT painted and has the silvered mirror look. Because the molding machine holds onto the back-plate area while the acrylic is heated and blown into the dome shape, the area around the mirror has grip marks on the flange. Even though that area is also mirrored, it does not reflect like the mirrored dome area. These dome are a little less expensive however the dome mirror itself has the same high quality reflection as the RP-RAV24DI and RP-RAV48DI mirrors. The area around the mirror is just not painted.

Generic Picture of the 24 x 24 Drop-in dome.



Dome Mirror - Ceiling Mount

Dome Sizes

The sizes are based on the Diameter of the full dome. Half and quarter domes and sizes based on the full dome they were made from. For example an 18" Half dome was made from an 18" diameter full dome. The actual measurements would be 18" wide x 9" tall and 9" extending from the wall at the top.

Sizes are: 12", 18", 22" (drop-in dome only), 24" (chain and clip mounts only), 26", 32", 36" and limited items in 48".

The most common sizes used in office hallways are the 18", 24" AND 26" SIZES.

The standard material used to make dome mirrors is ACRYLIC and is the most common mirror sold. There are NO GLASS domes available however there are limited sizes of Chrome Plated Polished Steel and Polycarbonate versions available. There is also a "Hard-Coated" version available for those situations where the dome may be easily scratched.

If you have any more questions or need pricing, please call the number below.

Thanks,

Reflection Products - Sales Support

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