

Energy Star Explosion Relief Skylight

Model ERS

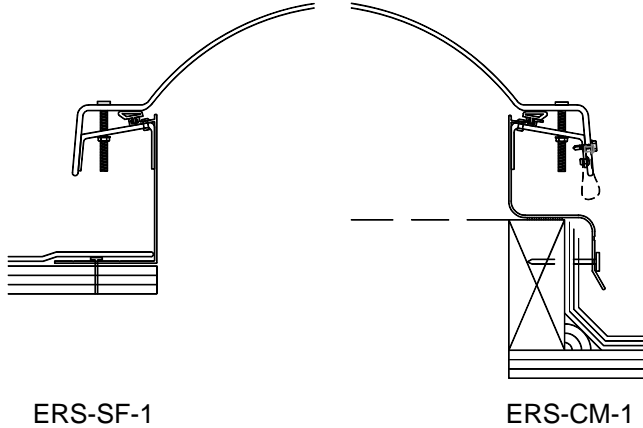
Frame Material
Aluminum

Industrial Skylight and
(Optional) Security Grill



Fiberglass Dome

Details (Scale: 2 1/2":1'-0")



Specifications

Explosion Relief Skylights shall be model No. _____ as manufactured by Bristolite Daylighting Systems, Santa Ana, CA. The fiberglass dome shall be a molded one piece unit with integral counter flashing skirt to eliminate any dependence on gaskets, sealants or flow-through designs. Fiberglass shall consist of neopentyl glycol isophthalic gelcoat laminate with an acrylic modified polyester based resin and silane glass fiber. This attachment is made with specially designed breakaway bolts designed to release the dome when pressure on the dome surpasses 20lbs/ft². The curb mounted base is fabricated of 6063-T5 extruded aluminum and shall be installed either on a 1-1/2" wide curb by others or on its own 4", 9" or 12" self flashing curb with a 2-3/4" roof flange. All explosion Relief units come with a safety chain attached to the frame to prevent the dome from being blown away when released.

Sizes:

Model Number	Inside Curb Dimension	Model Number	Inside Curb Dimension	Model Number	Inside Curb Dimension	Model Number	Inside Curb Dimension
4848-ERS	48" x 48"			3775-ERS	37" x 75"		
Other sizes available upon request				4669-ERS	46 1/4" x 69 1/2"		
				4689-ERS	46 1/4" x 89 1/2"		
				4896-ERS	48" x 96"		
				Other sizes available upon request			

Solar Heat Gain Coefficient = .46, U Factor = .63, Visible Light Transmission = 63% (Typical for ESA double glazed units)

Features:

1. Curb Mounted (CM) or Self Flashing (SF)
2. Energy Star Glazing (ESA)
3. 10-Year Leak proof Warranty
Add highlighted suffixes to model number where applicable:
i.e. 4848-ERS-CM-1-ESA-WP

Options:

1. Frame Finish Options - Bronze Anodize (BA), Clear Anodize (CA), White Painted (WP) or Mill Finish (MF)
2. Self Flashing Bases of 9" or 12" (9 or 12)

Accessories: See PDS (Product Data Sheets) for these Items

1. Gladiator
 - a. Structural Curb (SC)
 - b. Security Grills (SG)
 - c. Safety Screens (SSCRN)
2. Quickkit (Installation Kits)
 - a. Stainless Steel (QKSS)
 - b. Zinc Plated (QKZP)