

# Energy Star Fiberglass

Industrial Smoke Vent and  
(Optional) Security Grill



Fiberglass Dome

Model  
ECO-SVAF

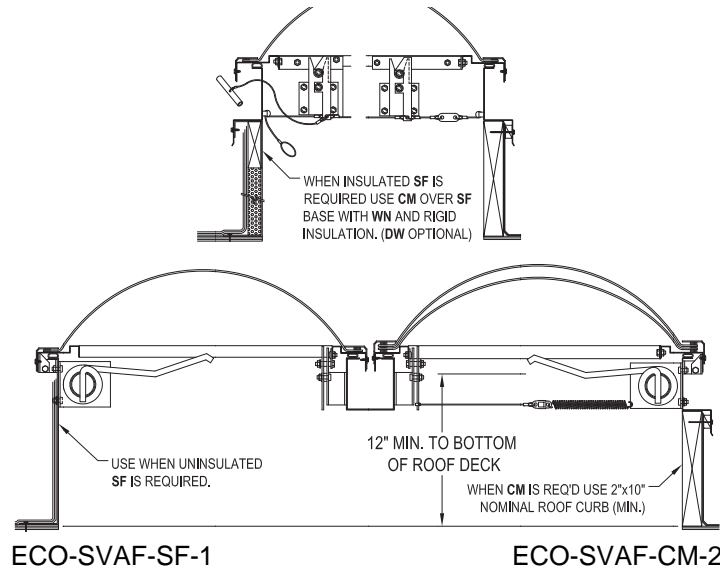
Frame Material  
Aluminum



Bristolite fiberglass glazing has been load tested and complies with OSHA – CFR's for fall protection.

Details (Scale: 1":1'-3")

Specifications



Energy Star Skylight shall be model No. \_\_\_\_\_ as manufactured by Bristolite Daylighting Systems, Santa Ana, CA. The curb, cross stiffeners and double doors shall be fabricated from 6063-T5 aluminum and shall be glazed with fiberglass which consists of neopentyl glycol isophthalic gelcoat laminate with an acrylic modified polyester based resin and silane glass fiber. Corners shall be welded to insure weather tightness. The double lid domes are compression loaded by torsion springs, secured on the opposite side with actuated latches and equipped with a shock absorber to control the speed of operation operated either manually, or by UL/FM listed fusible links. They can also be opened manually by exterior or interior releases. The doors will open against a 10psf uniform load. In the closed position the units will withstand a minimum 40psf uniform static positive and negative load. The base frame shall be installed on a 1-1/2" wide curb furnished by others or on its own self flashing curb fabricated from aluminum with a 3" roof flange. Materials are to be self-extinguishing Approved Plastic CC-1 Rated. Manufactured and tested to UL 793.

Dome material tested in conformance with FM 4431 2" severe hail test.

Sizes:

Model Number	Inside Curb Dimension	Model Number	Inside Curb Dimension	Model Number	Inside Curb Dimension	Model Number	Inside Curb Dimension
4848-ECO-SVAF	48" x 48"			4896-ECO-SVAF	48" x 96"		
				6072-ECO-SVAF	60" x 72"		

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. Fusible Link Temperatures: 165°, 212°, 286°, 360° or 520°
4. Exterior and Interior Manual Releases (M3)  
Add highlighted suffixes to model number where applicable:  
i.e. 4896-ECO-SVAF-SF-1-ESA-M3

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)

Options:

1. Insulating Double Domes (2) or Single Dome (1)
2. Insulated Frame (INS)
3. Double Wall Frame (DW)
4. Wood Nailer (WN)

