

Industrial Smoke Vent



Frame Model 870B

KEY FEATURES

Snow Load (10, 25, 30 Pounds Per Square Foot)

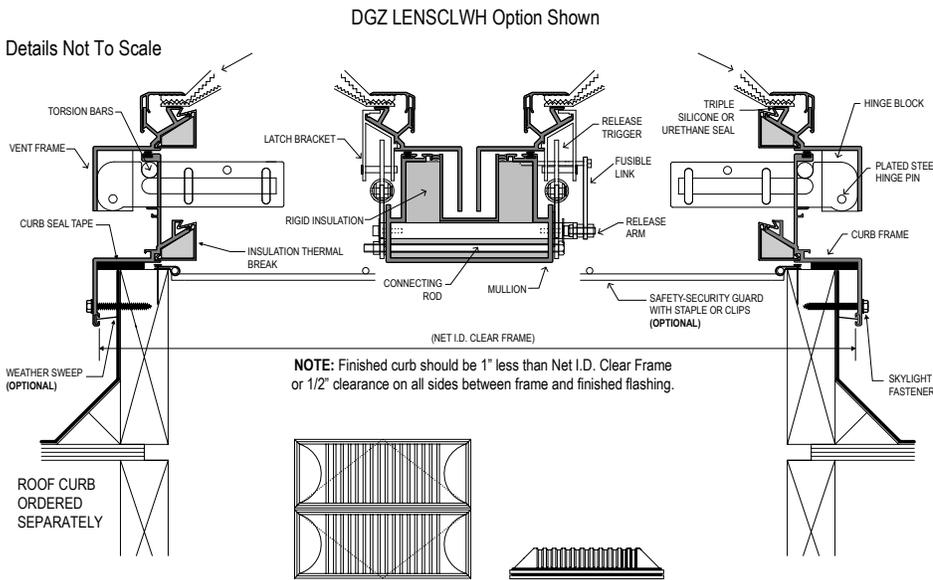
AVAILABLE CERTIFICATIONS

FM Approval # 4430

UL Listed

CE Certified

PRODUCT PROFILE



Type	SHGC	U-Value	VLT
Single Glazed Acrylic CL1	.51	n/a	.74
Single Glazed Poly	.51	n/a	.70
Double Glazed Acrylic/Acrylic	.42	.74	.68
Doubled Glazed (FM) Poly/Poly	.42	.74	.64
Double Glazed (HVHZ) Poly/Acrylic	.42	.74	.65

SPECIFICATIONS

FM Approved Smoke Vents shall be Sunoptics model 870B Factory Mutual (curb mounted) as manufactured by Sunoptics Skylights, an Acuity Brands Company, 6201 27th Street, Sacramento CA 95822 916/395-4700.

UL Listed Smoke Vents shall be Sunoptics model 870B UL Rated (curb mounted) as manufactured by Sunoptics Skylights, an Acuity Brands Company, 6201 27th Street, Sacramento CA 95822 916/395-4700.
SNOW LOAD LIFT IN PSF (10lb., 25lb., 30lb.) PER PROJECT NEEDS.

UL Listed Smoke Vents are available in ID Frame Call-Out sizes of 32ft² or smaller, in a 10lb & 30lb unit.

Smoke Vents shall be glazed ready for installation.

Smoke Vent frames shall be fabricated from 6061-T6 aluminum, finish to be natural mill. Frames shall have integral condensation and weepage gutters which drain interior moisture to the outside. Corners shall be mitered and welded. The acrylic glazing shall be separated from the Smoke Vent frame with a Silicone Seal.

Smoke Vents shall operate by a fusible link with a minimum temperature rating of 165 degrees. The fusible link mechanism with Gas Shocks shall include an exterior manual release cable for testing. Smoke Vents shall open to a minimum angle greater than 90 degrees.

FM #4430 Approved Smoke Vent shall be Double glazed using CLEAR ARMOR® Clear Prismatic Polycarbonate over CLEAR ARMOR® High White Prismatic Polycarbonate lens, CC1 Rated, glazed in a Signature Series Dome configuration.

FM Rated Smoke Vents are available in ID Frame Call-Out sizes of 5080 or smaller, in a 10lb unit.

Note: Multi-glazed units default to include Insulated Thermal Break (ITBR), Curb Seal Tape, Weather Sweep (WSW) and screws. Single-glazed units default to not included any of these options.

Note: Specifications subject to change without notice.

ORDERING LOGIC

Industrial Smoke Vent

Fixture	ID Frame Call-Out	ID Frame Width	ID Frame Length	Glazing Shape	Glazing
SVT Smoke Vent	4050 51-1/4" x 63-1/4" / 1302mm x 1607mm	W51.250 (1302 mm)	L63.250 (1607 mm)	SIGL Signature Series	SGZ Single Glaze
	4060 51-1/4" x 75-1/4" / 1302mm x 1911mm	W51.250 (1302 mm)	L75.250 (1911 mm)	DHPL Double Hip Series	DGZ Double Glaze
	4070 51-1/4" x 87-1/4" / 1302mm x 2216mm	W51.250 (1302 mm)	L87.250 (2216 mm)		
	4080 52-1/4" x 100-1/4" / 1327mm x 2546mm	W52.250 (1327 mm)	L100.250 (2546 mm)		
	40100 52-1/4" x 123-1/4" / 1327mm x 3131mm	W52.250 (1327 mm)	L123.250 (3131 mm)		
	5060 63-5/8" x 75-5/8" / 1616mm x 1921mm	W63.625 (1616 mm)	L75.625 (1921 mm)		
	5070 63-1/4" x 87-1/4" / 1607mm x 2216mm	W63.250 (1607 mm)	L87.250 (2216 mm)		
	5080 63-1/4" x 99-1/4" / 1607mm x 2521mm	W63.250 (1607 mm)	L99.250 (2521 mm)		

Use **CUST** for Custom sized units.

W ____ Custom Width L ____ Custom Width

Glazing Material	Glazing Colors	Fusible Link	Snow Load
CC1HVHZ Polycarbonate	LENSWH White (Single Glaze Default) ¹	165FL 165 Degree Fusible Link	10LB 10 Pound Snow Load (Default)
CC1 Polycarbonate	LENSCL Clear ¹	212FL 212 Degree Fusible Link	25LB 25 Pound Snow Load ⁴
50CC2 50% IM Acrylic ³	LENSWHCL White Clear ²	286FL 286 Degree Fusible Link	30LB 30 Pound Snow Load ⁴
CC2CL1 Acrylic Class 1	LENSCLWH Clear White (Double Glaze Default) ²	360FL 360 Degree Fusible Link	
CC2CL3 Acrylic Class 3	LENSWHWH White White ²	370FL 370 Degree Fusible Link	
	LENSCLCL Clear Clear ²	386FL 386 Degree Fusible Link	

Unit Type	Smoke Vent Frame Finish	Options
870B Standard Frame (Default)	MI Mill (Default)	(blank) No Options
		FMEQU Factory Mutual Equivalent
		FMRTG Factory Mutual Approved
		UL UL Listed Smoke Vent
		CE European Standard Certified
		ITBR Insulated Thermal Break
		NITBR No Insulated Thermal Break
		WSW Weather Sweep
		NWSW No Weather Sweep
		URS Urethane Sealant

1) Single Glaze
 2) Double Glaze
 3) Available for UL, DH only.
 4) Not available with FM units

