



Green Mountain Window and Door Co.

Classic Casement v2.1

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NOTE:

All specifications and data are subject to change without notice.

Allow 1/16” tolerance on all measurements.

Some options and accessories are not covered in this manual. Contact your Green Mountain Representative for further assistance



Green Mountain Window and Door Co.

Unit Specifications

Frame:

- Pine finger jointed wood interior and exterior standard. Optional species can be specified for specific parts only (sill, sill nose, casing, etc.)
- Frame width: 4 9/16"
- Frame thickness: 1 9/16"
- Sill: 10 degree bevel, 1" standard sill nose. Optional 2" "historic" sill nose
- Pine exterior parts are dipped in a water repellent preservative.

Sash:

- Pine wood interior and exterior standard.
- Sash thickness: 1 17/32"
- Pine exterior parts are dipped in a water repellent preservative.

Interior and exterior finish:

- Bare wood interior, white primed exterior standard.
- Pre-finished exterior options. See you Green Mountain Window Representative for colors and availability.

Hardware:

- Standard sash lock and operator in bronze. Option finish: white.

Weatherstrip:

- Bulb weatherstrip on frame.
- Fin weatherstrip on sash.

Jamb extension:

- Applied jamb extension available to match virtually any wall thickness
- Standard thickness: 21/32"

Insect Screens:

- Aluminum framed full screen with charcoal fiberglass mesh screening standard. Surround color will match operator.

Glass:

- Double strength glass sealed with Gray Duraseal warm edge spacer. Is 11/16". Optional 1/2" glass thickness.
- Glazing method: silicone wet seal interior and exterior
- Glazing types: single glass, insulating glass
- Option for black Duraseal warm edge spacer
- Standard insulating glass options include: (see NFRC ratings for performance comparison)
 - 1/2" regular insulating glass
 - 1/2" Low E with Argon gas fill
 - 1/2" Low E with Krypton gas fill
 - 11/16" regular insulating glass
 - 11/16" Low E with Argon
- Other glass options: tempered, laminated, obscure, mouth blown restoration (wavy), tinted, UL rated, any specified

Optional Divided Lites:

- Options include: 5/8" white flat airspace grille, 5/8" white profiled airspace grille, 7/8" removable stick grille (interior only), 7/8" removable full surround grille (interior only), 5/8" true divided lite (single glass only), 5/8" simulated divided lite (SDL) with or without spacer bar, 7/8" SDL with or without a spacer and 1 1/4" SDL with or without a spacer bar. Gray SDL spacer is standard with gray SDL tape. Optional black spacer and tape is used when black glass spacer option is chosen.
- See "section details: divided lites for muntin profiles" for standard cuts. Custom configurations are available



Green Mountain Window and Door Co.

NFRC Values, Energy Star Rating Information and DP Ratings

Sealed Unit	Wood		Wood Exterior Vinyl Clad	
	Operating	Fixed	Operating	Fixed
Clear	0.43		0.43	0.44
Acclimate® RLE Low E and argon gas	0.31	0.28	0.29	0.28

A note on comparing NFRC ratings: the above ratings are based on NFRC 100-97 & 200 test standards. The 2004 NFRC test procedure typically yields better energy ratings for the same window. Many window companies have already retested their windows and are publishing the new better rating. Green Mountain Window will be retesting this product. Please contact your Green Mountain Window Representative for updates.

Performance Class:

ANSI/AAMA/WDMA 101/I.S. 2-97 defines five performance classes: residential (R), light commercial (LC), commercial (C), heavy commercial (HC), and architectural (AW).

Performance Class	Design Pressure lbs/ft ²	Structural Test Pressure lbs/ft ²	Water Resistance Test Pressure lbs/ft ²
LC	25	37.5	3.75



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Egress and Clear Opening Information

Size	Clear Opening Width**	Clear Opening Height	Square Foot Opening with Egress Hinge	Square Foot Opening with Standard Hinge
16 x 24	10 1/8 or 7 7/8	18 7/8	1.33	1.03
16 x 32	10 1/8 or 7 7/8	26 7/8	1.89	1.47
16 x 36	10 1/8 or 7 7/8	30 7/8	2.17	1.69
16 x 40	10 1/8 or 7 7/8	34 7/8	2.45	1.91
16 x 48	10 1/8 or 7 7/8	42 7/8	3.01	2.34
16 x 56	10 1/8 or 7 7/8	50 7/8	3.58	2.78
16 x 60	10 1/8 or 7 7/8	54 7/8	3.86	3.00
16 x 64	10 1/8 or 7 7/8	58 7/8	4.14	3.22
16 x 72	10 1/8 or 7 7/8	66 7/8	4.70	3.66
20 x 24	14 1/8 or 11 7/8	18 7/8	1.85	1.56
20 x 32	14 1/8 or 11 7/8	26 7/8	2.64	2.22
20 x 36	14 1/8 or 11 7/8	30 7/8	3.03	2.55
20 x 40	14 1/8 or 11 7/8	34 7/8	3.42	2.88
20 x 48	14 1/8 or 11 7/8	42 7/8	4.21	3.54
20 x 56	14 1/8 or 11 7/8	50 7/8	4.99	4.20
20 x 60	14 1/8 or 11 7/8	54 7/8	5.38	4.53
20 x 64	14 1/8 or 11 7/8	58 7/8	5.77	4.86
20 x 72	14 1/8 or 11 7/8	66 7/8	6.56	5.51
24 x 24	18 1/8 or 15 7/8	18 7/8	2.38	2.08
24 x 32	18 1/8 or 15 7/8	26 7/8	3.38	2.96
24 x 36	18 1/8 or 15 7/8	30 7/8	3.89	3.40
24 x 40	18 1/8 or 15 7/8	34 7/8	4.39	3.84
24 x 48	18 1/8 or 15 7/8	42 7/8	5.40	4.73
24 x 56*	18 1/8 or 15 7/8	50 7/8	6.40	5.61
24 x 60*	18 1/8 or 15 7/8	54 7/8	6.91	6.05
24 x 64*	18 1/8 or 15 7/8	58 7/8	7.41	6.49
24 x 72*	18 1/8 or 15 7/8	66 7/8	8.42	7.37
28 x 24	22 1/8 or 19 7/8	18 7/8	2.90	2.61
28 x 32	22 1/8 or 19 7/8	26 7/8	4.13	3.71
28 x 36	22 1/8 or 19 7/8	30 7/8	4.74	4.26
28 x 40	22 1/8 or 19 7/8	34 7/8	5.36	4.81
28 x 48*	22 1/8 or 19 7/8	42 7/8	6.59	5.92
28 x 56*	22 1/8 or 19 7/8	50 7/8	7.82	7.02
28 x 60*	22 1/8 or 19 7/8	54 7/8	8.43	7.57
28 x 64*	22 1/8 or 19 7/8	58 7/8	9.05	8.13
28 x 72*	22 1/8 or 19 7/8	66 7/8	10.28	9.23
32 x 24	26 1/8 or 23 7/8	18 7/8	3.42	3.13
32 x 32	26 1/8 or 23 7/8	26 7/8	4.88	4.46
32 x 36	26 1/8 or 23 7/8	30 7/8	5.60	5.12
32 x 40*	26 1/8 or 23 7/8	34 7/8	6.33	5.78
32 x 48*	26 1/8 or 23 7/8	42 7/8	7.78	7.11
32 x 56*	26 1/8 or 23 7/8	50 7/8	9.23	8.44
32 x 60*	26 1/8 or 23 7/8	54 7/8	9.96	9.10
32 x 64*	26 1/8 or 23 7/8	58 7/8	10.68	9.76
32 x 72*	26 1/8 or 23 7/8	66 7/8	12.13	11.09

*These units meet national egress codes for fire evacuation. Local codes may vary.

**Clear Opening with Egress hinges and standard hinges, respectively.



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Measurement Conversions

Use the elevation drawings to find the Rough Opening, use these formulas to find the remaining measurements.

Casement:

	<u>Width</u>	<u>Height</u>
For Daylight Opening:	R.O. – 5 15/16"	R.O. – 6 15/16"
For Frame Size:	R.O. – 1"	R.O. – 1 1/4"
For Rough Opening:	No Conversion Necessary	No Conversion Necessary
Clear Opening	Frame – 8 1/8"	Frame – 5 1/8"
Natural Hinges:		
Egress Hinges:	Frame – 5 7/8"	

Rough Openings of Mulled Units:

Double Wide Unit:	(Single RO x2) -1"	No Conversion Necessary
Triple Wide Unit:	(Single RO x3) -2"	No Conversion Necessary
Four Wide Unit:	(Single RO x4) -3"	No Conversion Necessary

Picture Windows:

	<u>Width</u>	<u>Height</u>
For Daylight Opening:	R.O. – 5 15/16"	R.O. – 6 15/16"
For Frame Size:	R.O. – 1"	R.O. – 1 1/4"
For Rough Opening:	No Conversion Necessary	No Conversion Necessary

Rough Openings of Mulled Units:

Double Wide Unit:	(Single RO x2) -1"	No Conversion Necessary
Triple Wide Unit:	(Single RO x3) -2"	No Conversion Necessary
Four Wide Unit:	(Single RO x4) -3"	No Conversion Necessary

Casement Transoms:

	<u>Width</u>	<u>Height</u>
For Daylight Opening:	R.O. – 5 15/16"	R.O. – 6 15/16"
For Frame Size:	R.O. – 1"	R.O. – 1 1/4"
For Rough Opening:	No Conversion Necessary	No Conversion Necessary

Note: If transom is to be mulled directly above a Casement, add the frame height of the transom to the rough opening height of the Casement for overall rough opening.

Rough Openings of Mulled Units:

Double Wide Unit:	(Single RO x2) -1"	No Conversion Necessary
Triple Wide Unit:	(Single RO x3) -2"	No Conversion Necessary
Four Wide Unit:	(Single RO x4) -3"	No Conversion Necessary

No Simulated Divided Lights

Clad R.D.	17"	21"	25"	29"	33"
Wood R.D.	17"	21"	25"	29"	33"
Frame	16"	20"	24"	28"	32"
Glass Size	10 3/4"	14 3/4"	18 3/4"	22 3/4"	26 3/4"
24 1/2"					
25 1/4"	CCM1624	CCM2024	CCM2424	CCM2824	CCM3224
25 1/4"					
32 1/2"	CCM1632	CCM2032	CCM2432	CCM2832	CCM3232
33 1/4"					
36 1/2"	CCM1636	CCM2036	CCM2436	CCM2836	CCM3236
37 1/4"					
40 1/2"	CCM1640	CCM2040	CCM2440	CCM2840	CCM3240 E
41 1/4"					
48 1/2"	CCM1648	CCM2048	CCM2448	CCM2848 EH	CCM3248 E
49 1/4"					
48"	CCM1656	CCM2056	CCM2456	CCM2856 EH	CCM3256 E
56 1/2"					
57 1/4"	CCM1660	CCM2060	CCM2460	CCM2860 EH	CCM3260 E
56"					
60 1/2"	CCM1664	CCM2064	CCM2464	CCM2864 EH	CCM3264 E
61 1/4"					
60"	CCM1672	CCM2072	CCM2472	CCM2872 EH	CCM3272 E
64 1/2"					
65 1/4"	CCM1664	CCM2064	CCM2464	CCM2864 EH	CCM3264 E
64"					
72 1/2"	CCM1672	CCM2072	CCM2472	CCM2872 EH	CCM3272 E

E = Meets national egress codes.

EH = Meets egress codes only with egress hinges.

All units depicting hinges can be either left hinge, right hinge, or stationary center.

Ex: Left hinge has hinge on left side of frame from the exterior view.

Note: All frame heights listed do not include 3/4" sub sill.

16 1/2" 16" 10 3/4" CCMTR1616 Clad R.D. 17" Wood R.D. 17" Frame 16" Glass Size 10 3/4"	17" 17" 16" CCMTR2016 Clad R.D. 21" Wood R.D. 21" Frame 20" Glass Size 14 3/4"	25" 25" 24" CCMTR2416 Clad R.D. 25" Wood R.D. 25" Frame 24" Glass Size 18 3/4"	29" 29" 28" CCMTR2816 Clad R.D. 29" Wood R.D. 29" Frame 28" Glass Size 22 3/4"	33" 33" 32" CCMTR3216 Clad R.D. 33" Wood R.D. 33" Frame 32" Glass Size 26 3/4"	41" 41" 40" CCM4024 PICT Clad R.D. 41" Wood R.D. 41" Frame 40" Glass Size 34 3/4"	49" 49" 48" CCM4824 PICT Clad R.D. 49" Wood R.D. 49" Frame 48" Glass Size 42 3/4"	61" 61" 60" CCM6024 PICT Clad R.D. 61" Wood R.D. 61" Frame 60" Glass Size 54 3/4"	73" 73" 72" CCM7224 PICT Clad R.D. 73" Wood R.D. 73" Frame 72" Glass Size 66 3/4"
24 1/2" 24" 18 3/4" CCM1624 Clad R.D. 24 1/2" Wood R.D. 24" Frame 18 3/4" Glass Size 24 1/2"	24 1/2" 24" 18 3/4" CCM2024 Clad R.D. 24 1/2" Wood R.D. 24" Frame 18 3/4" Glass Size 24 1/2"	24 1/2" 24" 18 3/4" CCM2424 Clad R.D. 24 1/2" Wood R.D. 24" Frame 18 3/4" Glass Size 24 1/2"	24 1/2" 24" 18 3/4" CCM2824 Clad R.D. 24 1/2" Wood R.D. 24" Frame 18 3/4" Glass Size 24 1/2"	24 1/2" 24" 18 3/4" CCM3224 Clad R.D. 24 1/2" Wood R.D. 24" Frame 18 3/4" Glass Size 24 1/2"	CCM4024 PICT Clad R.D. 41" Wood R.D. 41" Frame 40" Glass Size 34 3/4"	CCM4824 PICT Clad R.D. 49" Wood R.D. 49" Frame 48" Glass Size 42 3/4"	CCM6024 PICT Clad R.D. 61" Wood R.D. 61" Frame 60" Glass Size 54 3/4"	CCM7224 PICT Clad R.D. 73" Wood R.D. 73" Frame 72" Glass Size 66 3/4"
32 1/2" 32" 26 3/4" CCM1632 Clad R.D. 32 1/2" Wood R.D. 32" Frame 26 3/4" Glass Size 32 1/2"	32 1/2" 32" 26 3/4" CCM2032 Clad R.D. 32 1/2" Wood R.D. 32" Frame 26 3/4" Glass Size 32 1/2"	32 1/2" 32" 26 3/4" CCM2432 Clad R.D. 32 1/2" Wood R.D. 32" Frame 26 3/4" Glass Size 32 1/2"	32 1/2" 32" 26 3/4" CCM2832 Clad R.D. 32 1/2" Wood R.D. 32" Frame 26 3/4" Glass Size 32 1/2"	32 1/2" 32" 26 3/4" CCM3232 Clad R.D. 32 1/2" Wood R.D. 32" Frame 26 3/4" Glass Size 32 1/2"	CCM4032 PICT Clad R.D. 41" Wood R.D. 41" Frame 40" Glass Size 34 3/4"	CCM4832 PICT Clad R.D. 49" Wood R.D. 49" Frame 48" Glass Size 42 3/4"	CCM6032 PICT Clad R.D. 61" Wood R.D. 61" Frame 60" Glass Size 54 3/4"	CCM7232 PICT Clad R.D. 73" Wood R.D. 73" Frame 72" Glass Size 66 3/4"
36 1/2" 36" 30 3/4" CCM1636 Clad R.D. 36 1/2" Wood R.D. 36" Frame 30 3/4" Glass Size 36 1/2"	36 1/2" 36" 30 3/4" CCM2036 Clad R.D. 36 1/2" Wood R.D. 36" Frame 30 3/4" Glass Size 36 1/2"	36 1/2" 36" 30 3/4" CCM2436 Clad R.D. 36 1/2" Wood R.D. 36" Frame 30 3/4" Glass Size 36 1/2"	36 1/2" 36" 30 3/4" CCM2836 Clad R.D. 36 1/2" Wood R.D. 36" Frame 30 3/4" Glass Size 36 1/2"	36 1/2" 36" 30 3/4" CCM3236 Clad R.D. 36 1/2" Wood R.D. 36" Frame 30 3/4" Glass Size 36 1/2"	CCM4036 PICT Clad R.D. 41" Wood R.D. 41" Frame 40" Glass Size 34 3/4"	CCM4836 PICT Clad R.D. 49" Wood R.D. 49" Frame 48" Glass Size 42 3/4"	CCM6036 PICT Clad R.D. 61" Wood R.D. 61" Frame 60" Glass Size 54 3/4"	CCM7236 PICT Clad R.D. 73" Wood R.D. 73" Frame 72" Glass Size 66 3/4"
40 1/2" 40" 34 3/4" CCM1640 Clad R.D. 40 1/2" Wood R.D. 40" Frame 34 3/4" Glass Size 40 1/2"	40 1/2" 40" 34 3/4" CCM2040 Clad R.D. 40 1/2" Wood R.D. 40" Frame 34 3/4" Glass Size 40 1/2"	40 1/2" 40" 34 3/4" CCM2440 Clad R.D. 40 1/2" Wood R.D. 40" Frame 34 3/4" Glass Size 40 1/2"	40 1/2" 40" 34 3/4" CCM2840 Clad R.D. 40 1/2" Wood R.D. 40" Frame 34 3/4" Glass Size 40 1/2"	40 1/2" 40" 34 3/4" CCM3240 E Clad R.D. 40 1/2" Wood R.D. 40" Frame 34 3/4" Glass Size 40 1/2"	CCM4040 PICT Clad R.D. 41" Wood R.D. 41" Frame 40" Glass Size 34 3/4"	CCM4840 PICT Clad R.D. 49" Wood R.D. 49" Frame 48" Glass Size 42 3/4"	CCM6040 PICT Clad R.D. 61" Wood R.D. 61" Frame 60" Glass Size 54 3/4"	CCM7240 PICT Clad R.D. 73" Wood R.D. 73" Frame 72" Glass Size 66 3/4"
48 1/2" 48" 42 3/4" CCM1648 Clad R.D. 48 1/2" Wood R.D. 48" Frame 42 3/4" Glass Size 48 1/2"	48 1/2" 48" 42 3/4" CCM2048 Clad R.D. 48 1/2" Wood R.D. 48" Frame 42 3/4" Glass Size 48 1/2"	48 1/2" 48" 42 3/4" CCM2448 Clad R.D. 48 1/2" Wood R.D. 48" Frame 42 3/4" Glass Size 48 1/2"	48 1/2" 48" 42 3/4" CCM2848 E Clad R.D. 48 1/2" Wood R.D. 48" Frame 42 3/4" Glass Size 48 1/2"	48 1/2" 48" 42 3/4" CCM3248 E Clad R.D. 48 1/2" Wood R.D. 48" Frame 42 3/4" Glass Size 48 1/2"	CCM4048 PICT Clad R.D. 41" Wood R.D. 41" Frame 40" Glass Size 34 3/4"	CCM4848 PICT Clad R.D. 49" Wood R.D. 49" Frame 48" Glass Size 42 3/4"	CCM6048 PICT Clad R.D. 61" Wood R.D. 61" Frame 60" Glass Size 54 3/4"	CCM7248 PICT Clad R.D. 73" Wood R.D. 73" Frame 72" Glass Size 66 3/4"
56 1/2" 56" 50 3/4" CCM1656 Clad R.D. 56 1/2" Wood R.D. 56" Frame 50 3/4" Glass Size 56 1/2"	56 1/2" 56" 50 3/4" CCM2056 Clad R.D. 56 1/2" Wood R.D. 56" Frame 50 3/4" Glass Size 56 1/2"	56 1/2" 56" 50 3/4" CCM2456 EH Clad R.D. 56 1/2" Wood R.D. 56" Frame 50 3/4" Glass Size 56 1/2"	56 1/2" 56" 50 3/4" CCM2856 E Clad R.D. 56 1/2" Wood R.D. 56" Frame 50 3/4" Glass Size 56 1/2"		CCM4056 PICT Clad R.D. 41" Wood R.D. 41" Frame 40" Glass Size 34 3/4"	CCM4856 PICT Clad R.D. 49" Wood R.D. 49" Frame 48" Glass Size 42 3/4"	CCM6056 PICT Clad R.D. 61" Wood R.D. 61" Frame 60" Glass Size 54 3/4"	CCM7256 PICT Clad R.D. 73" Wood R.D. 73" Frame 72" Glass Size 66 3/4"
60 1/2" 60" 54 3/4" CCM1660 Clad R.D. 60 1/2" Wood R.D. 60" Frame 54 3/4" Glass Size 60 1/2"	60 1/2" 60" 54 3/4" CCM2060 Clad R.D. 60 1/2" Wood R.D. 60" Frame 54 3/4" Glass Size 60 1/2"	60 1/2" 60" 54 3/4" CCM2460 E Clad R.D. 60 1/2" Wood R.D. 60" Frame 54 3/4" Glass Size 60 1/2"	60 1/2" 60" 54 3/4" CCM2860 E Clad R.D. 60 1/2" Wood R.D. 60" Frame 54 3/4" Glass Size 60 1/2"		CCM4060 PICT Clad R.D. 41" Wood R.D. 41" Frame 40" Glass Size 34 3/4"	CCM4860 PICT Clad R.D. 49" Wood R.D. 49" Frame 48" Glass Size 42 3/4"	CCM6060 PICT Clad R.D. 61" Wood R.D. 61" Frame 60" Glass Size 54 3/4"	CCM7260 PICT Clad R.D. 73" Wood R.D. 73" Frame 72" Glass Size 66 3/4"
64 1/2" 64" 58 3/4" CCM1664 Clad R.D. 64 1/2" Wood R.D. 64" Frame 58 3/4" Glass Size 64 1/2"	64 1/2" 64" 58 3/4" CCM2064 EH Clad R.D. 64 1/2" Wood R.D. 64" Frame 58 3/4" Glass Size 64 1/2"	64 1/2" 64" 58 3/4" CCM2464 E Clad R.D. 64 1/2" Wood R.D. 64" Frame 58 3/4" Glass Size 64 1/2"	64 1/2" 64" 58 3/4" CCM2864 E Clad R.D. 64 1/2" Wood R.D. 64" Frame 58 3/4" Glass Size 64 1/2"		CCM4064 PICT Clad R.D. 41" Wood R.D. 41" Frame 40" Glass Size 34 3/4"	CCM4864 PICT Clad R.D. 49" Wood R.D. 49" Frame 48" Glass Size 42 3/4"	CCM6064 PICT Clad R.D. 61" Wood R.D. 61" Frame 60" Glass Size 54 3/4"	CCM7264 PICT Clad R.D. 73" Wood R.D. 73" Frame 72" Glass Size 66 3/4"
72 1/2" 72" 66 3/4" CCM1672 Clad R.D. 72 1/2" Wood R.D. 72" Frame 66 3/4" Glass Size 72 1/2"	72 1/2" 72" 66 3/4" CCM2072 EH Clad R.D. 72 1/2" Wood R.D. 72" Frame 66 3/4" Glass Size 72 1/2"	72 1/2" 72" 66 3/4" CCM2472 E Clad R.D. 72 1/2" Wood R.D. 72" Frame 66 3/4" Glass Size 72 1/2"	72 1/2" 72" 66 3/4" CCM2872 E Clad R.D. 72 1/2" Wood R.D. 72" Frame 66 3/4" Glass Size 72 1/2"		CCM4072 PICT Clad R.D. 41" Wood R.D. 41" Frame 40" Glass Size 34 3/4"	CCM4872 PICT Clad R.D. 49" Wood R.D. 49" Frame 48" Glass Size 42 3/4"	CCM6072 PICT Clad R.D. 61" Wood R.D. 61" Frame 60" Glass Size 54 3/4"	CCM7272 PICT Clad R.D. 73" Wood R.D. 73" Frame 72" Glass Size 66 3/4"

E = Meets national egress codes.

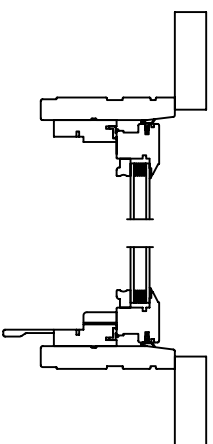
EH = Meets egress codes only with egress hinges.

Standard divided lights shown, others available upon request.

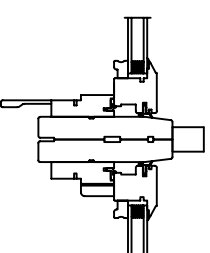
All units depicting hinges can be either left hinge, right hinge, or stationary center.

Ex: Left hinge has hinge on left side of frame from the exterior view.

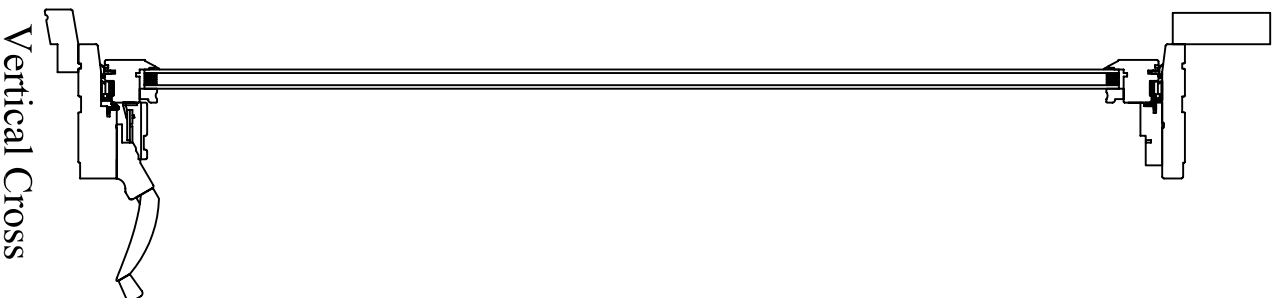
Note: All frame heights listed do not include 3/4" sub sill.



Horizontal Cross



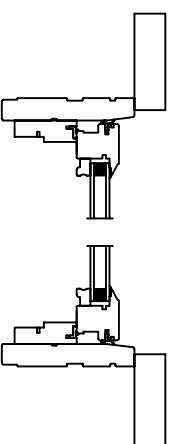
Mullion



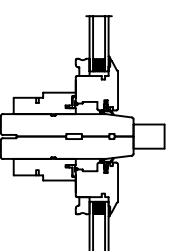
Vertical Cross

Casement Cross Section with Jambs

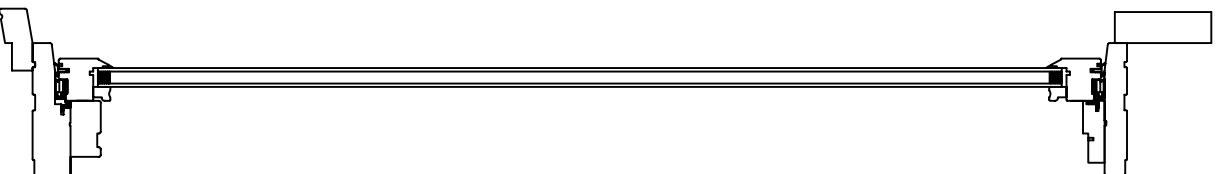
Green Mountain Window
92 Park Street, Rutland, Vermont



Horizontal Cross



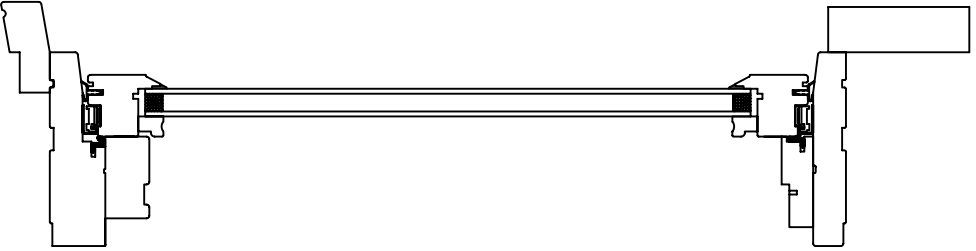
Mullion



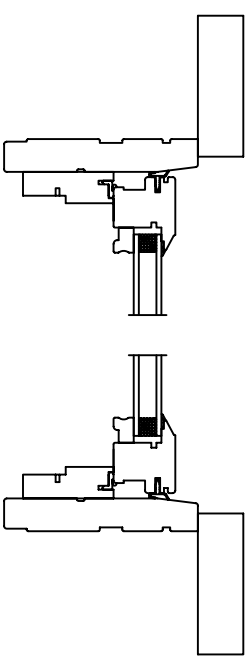
Vertical Cross

Picture Cross Section with Jambs

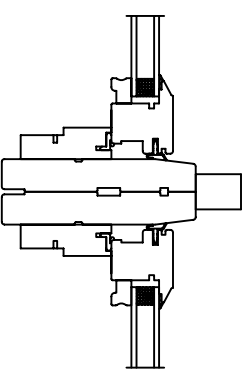
Green Mountain Window
92 Park Street, Rutland, Vermont



Vertical Cross



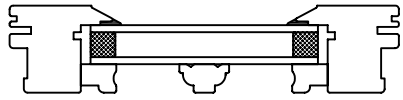
Horizontal Cross



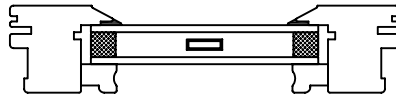
Mullion

Transom Cross Section with Jambs

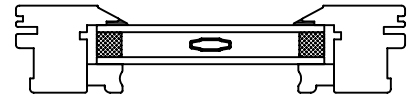
Green Mountain Window
92 Park Street, Rutland, Vermont



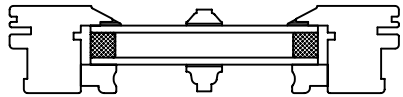
7/8" Grille



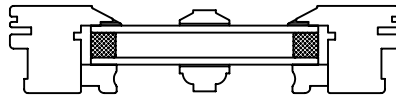
Flat Airspace



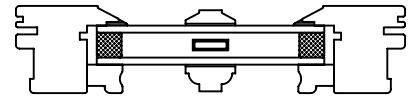
Profile Airspace



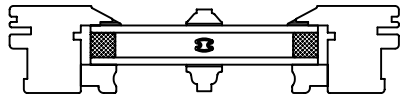
5/8" SDL



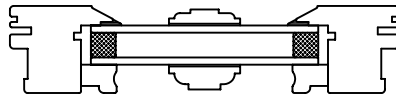
7/8" SDL



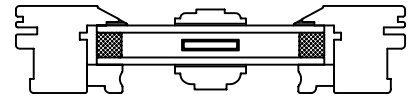
7/8" SDL
with Spacer Bar



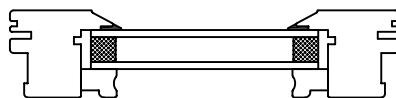
5/8" SDL
with Spacer Bar



1 1/4" SDL

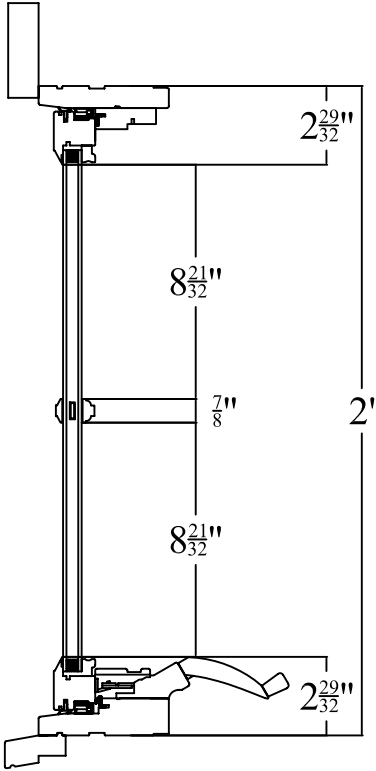
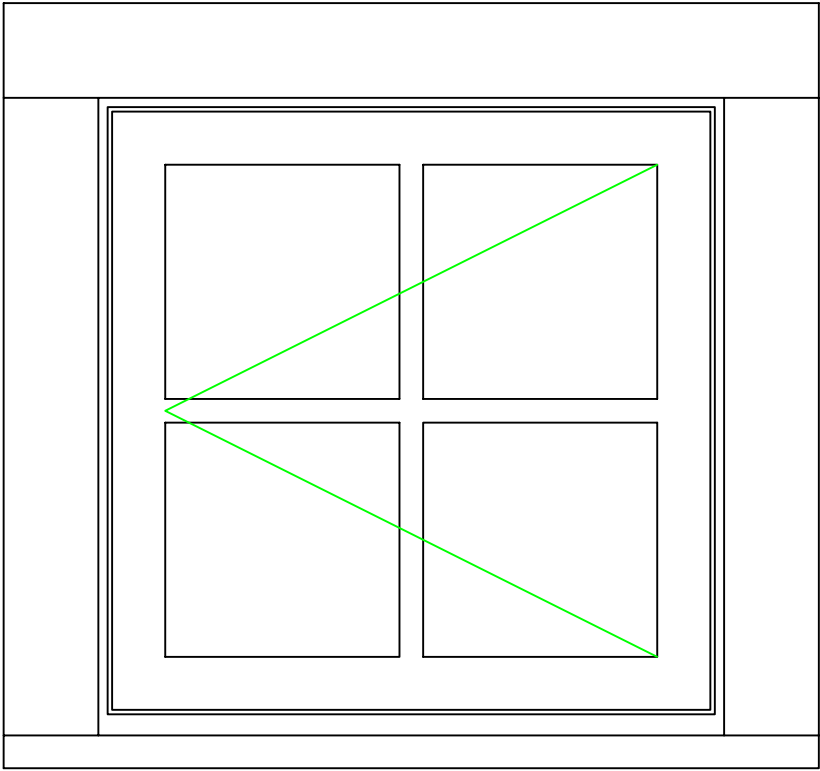
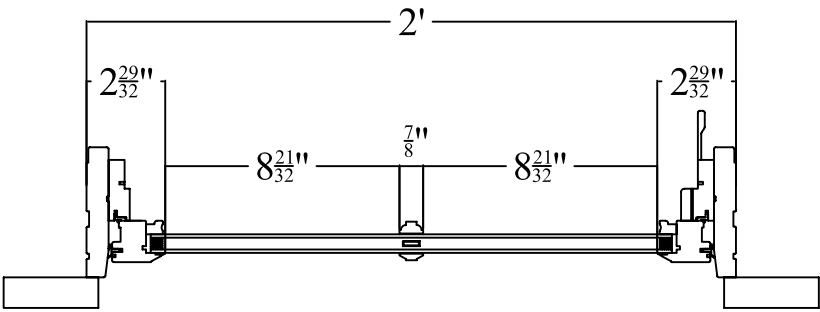


1 1/4" SDL
with Spacer Bar



I. G., No Lites
Wood Bead

Green Mountain Window Co.



Note: The example above only applies to a 24 x 24 with 7/8" muntins in a two wide, two high pattern.
For all other sizes and configurations: Determine the overall daylight opening of each sash (without lites) with the formulas on 1.5. Then multiply the number of bars by the bar width and deduct that number from that overall daylight. Divide this number by the number of lites for daylight of each lite.

$$\frac{\text{Overall DLO} - (\text{sum of all bar widths})}{\text{Number of Lites}}$$

5/8" Simulated Divided Lights

Clad R.D. Wood R.D. Frame Glass Size	17" 17" 16" 10 3/4"	21" 21" 20" 14 3/4"	25" 25" 24" 18 3/4"	29" 29" 28" 22 3/4"	33" 33" 32" 26 3/4"
24 1/2" 25 1/4" 24 3/4"	 CCM1624	 CCM2024	 CCM2424	 CCM2824	 CCM3224
32 1/2" 33 1/4" 32 3/4"	 CCM1632	 CCM2032	 CCM2432	 CCM2832	 CCM3232
36 1/2" 37 1/4" 36 3/4"	 CCM1636	 CCM2036	 CCM2436	 CCM2836	 CCM3236
40 1/2" 41 1/4" 40 3/4"	 CCM1640	 CCM2040	 CCM2440	 CCM2840	 CCM3240 E
48 1/2" 49 1/4" 48 3/4"	 CCM1648	 CCM2048	 CCM2448	 CCM2848 EH	 CCM3248 E
56 1/2" 57 1/4" 56 3/4"	 CCM1656	 CCM2056	 CCM2456	 CCM2856 EH	 CCM3256 E
60 1/2" 61 1/4" 60 3/4"	 CCM1660	 CCM2060	 CCM2460	 CCM2860 EH	 CCM3260 E
64 1/2" 65 1/4" 64 3/4"	 CCM1664	 CCM2064	 CCM2464	 CCM2864 EH	 CCM3264 E
72 1/2" 73 1/4" 72 3/4"	 CCM1672	 CCM2072	 CCM2472	 CCM2872 EH	 CCM3272 E

E = Meets national egress codes.

EH = Meets egress codes only with egress hinges.

All units depicting hinges can be either left hinge, right hinge, or stationary center.

Ex: Left hinge has hinge on left side of frame from the exterior view.

Note: All frame heights listed do not include 3/4" sub sill.

5/8" Simulated Divided Lights

16 1/2" 16 1/4" 16" 10 3/4" CCMTR1616 Clad R.D. 17" Wood R.D. 17" Frame 16" Glass Size 10 3/4"	 CCMTR1616	 CCMTR2016	 CCMTR2416	 CCMTR2816	 CCMTR3216	 CCM4024 PICT	 CCM4824 PICT	 CCM6024 PICT	 CCM7224 PICT
24 1/2" 24 1/4" 24" 18 3/4" CCM1624 Clad R.D. 25" Wood R.D. 25" Frame 20" Glass Size 18 3/4"	 CCM2024	 CCM2424	 CCM2824	 CCM3224	 CCM4024 PICT	 CCM4824 PICT	 CCM6024 PICT	 CCM7224 PICT	 CCM7224 PICT
32 1/2" 32 1/4" 32" 26 3/4" CCM1632 Clad R.D. 33" Wood R.D. 33" Frame 28" Glass Size 26 3/4"	 CCM2032	 CCM2432	 CCM2832	 CCM3232	 CCM4032 PICT	 CCM4832 PICT	 CCM6032 PICT	 CCM7232 PICT	 CCM7232 PICT
36 1/2" 36 1/4" 36" 30 3/4" CCM1636 Clad R.D. 37" Wood R.D. 37" Frame 32" Glass Size 30 3/4"	 CCM2036	 CCM2436	 CCM2836	 CCM3236	 CCM4036 PICT	 CCM4836 PICT	 CCM6036 PICT	 CCM7236 PICT	 CCM7236 PICT
40 1/2" 40 1/4" 40" 34 3/4" CCM1640 Clad R.D. 41" Wood R.D. 41" Frame 34" Glass Size 34 3/4"	 CCM2040	 CCM2440	 CCM2840	 CCM3240 E	 CCM4040 PICT	 CCM4840 PICT	 CCM6040 PICT	 CCM7240 PICT	 CCM7240 PICT
48 1/2" 48 1/4" 48" 42 3/4" CCM1648 Clad R.D. 49" Wood R.D. 49" Frame 42" Glass Size 42 3/4"	 CCM2048	 CCM2448	 CCM2848 E	 CCM3248 E	 CCM4048 PICT	 CCM4848 PICT	 CCM6048 PICT	 CCM7248 PICT	 CCM7248 PICT
56 1/2" 56 1/4" 56" 50 3/4" CCM1656 Clad R.D. 57" Wood R.D. 57" Frame 50" Glass Size 50 3/4"	 CCM2056	 CCM2456 EH	 CCM2856 E	 CCM3256 E	 CCM4056 PICT	 CCM4856 PICT	 CCM6056 PICT	 CCM7256 PICT	 CCM7256 PICT
60 1/2" 60 1/4" 60" 54 3/4" CCM1660 Clad R.D. 61" Wood R.D. 61" Frame 54" Glass Size 54 3/4"	 CCM2060	 CCM2460 E	 CCM2860 E	 CCM3260 E	 CCM4060 PICT	 CCM4860 PICT	 CCM6060 PICT	 CCM7260 PICT	 CCM7260 PICT
64 1/2" 64 1/4" 64" 58 3/4" CCM1664 Clad R.D. 65" Wood R.D. 65" Frame 58" Glass Size 58 3/4"	 CCM2064 EH	 CCM2464 E	 CCM2864 E	 CCM3264 E	 CCM4064 PICT	 CCM4864 PICT	 CCM6064 PICT	 CCM7264 PICT	 CCM7264 PICT
72 1/2" 72 1/4" 72" 66 3/4" CCM1672 Clad R.D. 73" Wood R.D. 73" Frame 66" Glass Size 66 3/4"	 CCM2072 EH	 CCM2472 E	 CCM2872 E	 CCM3272 E	 CCM4072 PICT	 CCM4872 PICT	 CCM6072 PICT	 CCM7272 PICT	 CCM7272 PICT

E = Meets national egress codes.

EH = Meets egress codes only with egress hinges.

Standard divided lights shown, others available upon request.

All units depicting hinges can be either left hinge, right hinge, or stationary center.

Ex: Left hinge has hinge on left side of frame from the exterior view.

Note: All frame heights listed do not include 3/4" sub sill.

7/8" Simulated Divided Lights

Clad R.D. Wood R.D. Frame Glass Size	17" 17" 16" 10 3/4"	21" 21" 20" 14 3/4"	25" 25" 24" 18 3/4"	29" 29" 28" 22 3/4"	33" 33" 32" 26 3/4"
24 1/2" 25 1/4" 24 3/4"	 CCM1624	 CCM2024	 CCM2424	 CCM2824	 CCM3224
32 1/2" 33 1/4" 32 3/4"	 CCM1632	 CCM2032	 CCM2432	 CCM2832	 CCM3232
36 1/2" 37 1/4" 36 3/4"	 CCM1636	 CCM2036	 CCM2436	 CCM2836	 CCM3236
40 1/2" 41 1/4" 40 3/4"	 CCM1640	 CCM2040	 CCM2440	 CCM2840	 CCM3240 E
48 1/2" 49 1/4" 48 3/4"	 CCM1648	 CCM2048	 CCM2448	 CCM2848 EH	 CCM3248 E
56 1/2" 57 1/4" 56 3/4"	 CCM1656	 CCM2056	 CCM2456	 CCM2856 EH	 CCM3256 E
60 1/2" 61 1/4" 60 3/4"	 CCM1660	 CCM2060	 CCM2460	 CCM2860 EH	 CCM3260 E
64 1/2" 65 1/4" 64 3/4"	 CCM1664	 CCM2064	 CCM2464	 CCM2864 EH	 CCM3264 E
72 1/2" 73 1/4" 72 3/4"	 CCM1672	 CCM2072	 CCM2472	 CCM2872 EH	 CCM3272 E

E = Meets national egress codes.

EH = Meets egress codes only with egress hinges.

All units depicting hinges can be either left hinge, right hinge, or stationary center.

Ex: Left hinge has hinge on left side of frame from the exterior view.

Note: All frame heights listed do not include 3/4" sub sill.

7/8" Simulated Divided Lights

16 1/2" 16 1/4" 16" 10 3/4" CCMTR1616 Clad R.D. 17" Wood R.D. 17" Frame 16" Glass Size 10 3/4"	 CCMTR2016	 CCMTR2416	 CCMTR2816	 CCMTR3216					
24 1/2" 24 1/4" 24" 18 3/4" CCM1624	 CCM2024	 CCM2424	 CCM2824	 CCM3224	 CCM4024 PICT	 CCM4824 PICT	 CCM6024 PICT	 CCM7224 PICT	
32 1/2" 32 1/4" 32" 26 3/4" CCM1632	 CCM2032	 CCM2432	 CCM2832	 CCM3232	 CCM4032 PICT	 CCM4832 PICT	 CCM6032 PICT	 CCM7232 PICT	
36 1/2" 36 1/4" 36" 30 3/4" CCM1636	 CCM2036	 CCM2436	 CCM2836	 CCM3236	 CCM4036 PICT	 CCM4836 PICT	 CCM6036 PICT	 CCM7236 PICT	
40 1/2" 40 1/4" 40" 34 3/4" CCM1640	 CCM2040	 CCM2440	 CCM2840	 CCM3240 E	 CCM4040 PICT	 CCM4840 PICT	 CCM6040 PICT	 CCM7240 PICT	
48 1/2" 48 1/4" 48" 42 3/4" CCM1648	 CCM2048	 CCM2448	 CCM2848 E	 CCM3248 E	 CCM4048 PICT	 CCM4848 PICT	 CCM6048 PICT	 CCM7248 PICT	
56 1/2" 56 1/4" 56" 50 3/4" CCM1656	 CCM2056	 CCM2456 EH	 CCM2856 E		 CCM4056 PICT	 CCM4856 PICT	 CCM6056 PICT	 CCM7256 PICT	
60 1/2" 60 1/4" 60" 54 3/4" CCM1660	 CCM2060	 CCM2460 E	 CCM2860 E		 CCM4060 PICT	 CCM4860 PICT	 CCM6060 PICT	 CCM7260 PICT	
64 1/2" 64 1/4" 64" 58 3/4" CCM1664	 CCM2064 EH	 CCM2464 E	 CCM2864 E		 CCM4064 PICT	 CCM4864 PICT	 CCM6064 PICT	 CCM7264 PICT	
72 1/2" 72 1/4" 72" 66 3/4" CCM1672	 CCM2072 EH	 CCM2472 E	 CCM2872 E		 CCM4072 PICT	 CCM4872 PICT	 CCM6072 PICT	 CCM7272 PICT	

E = Meets national egress codes.

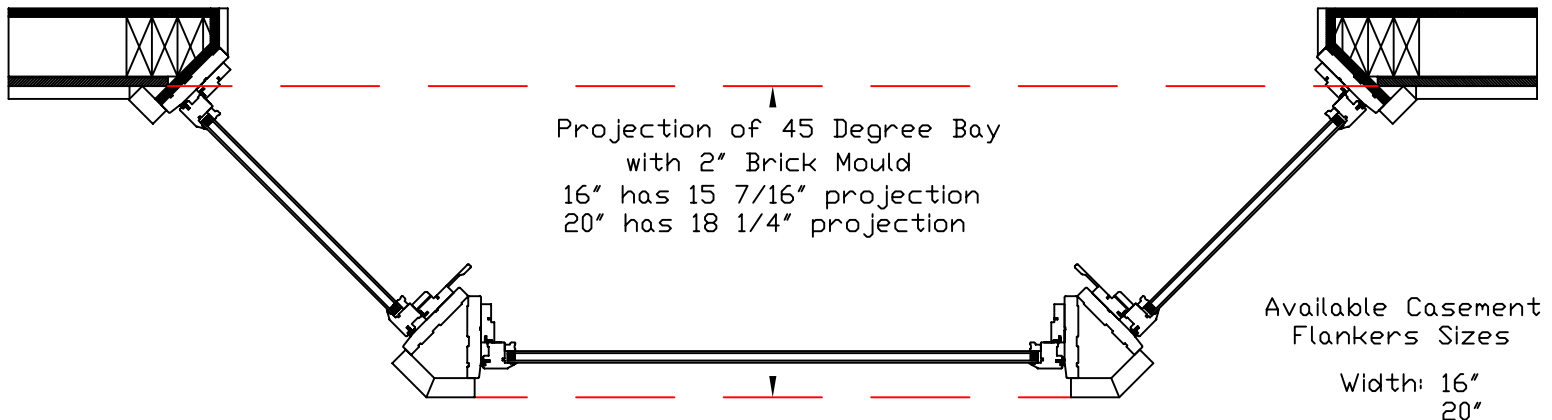
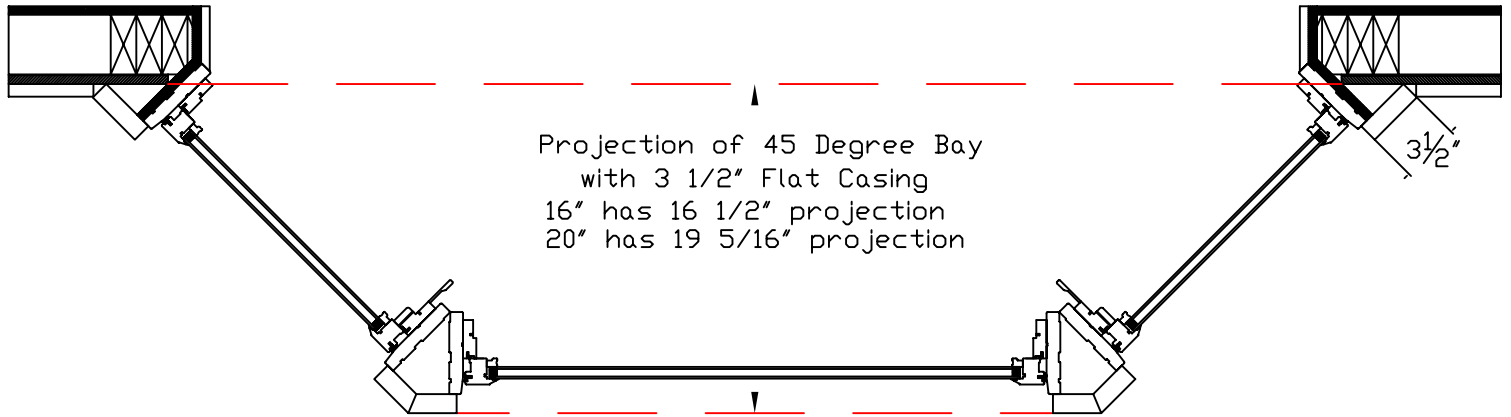
EH = Meets egress codes only with egress hinges.

Standard divided lights shown, others available upon request.

All units depicting hinges can be either left hinge, right hinge, or stationary center.

Ex: Left hinge has hinge on left side of frame from the exterior view.

Note: All frame heights listed do not include 3/4" sub sill.



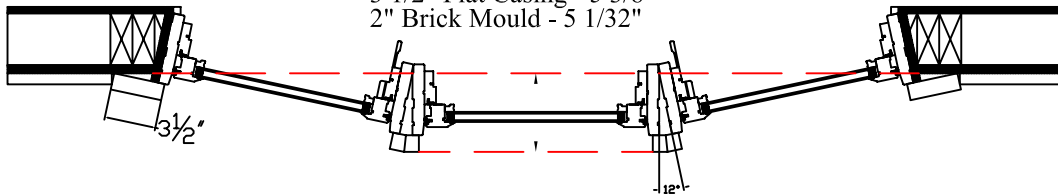
Available Picture Window Sizes

Width: 32"	Height: 24"
36"	35 3/4"
40"	40 3/4"
48"	47 7/8"
60"	52 3/4"
72"	59 3/4"
	64 3/4"
	71 3/4"

By Frame Size

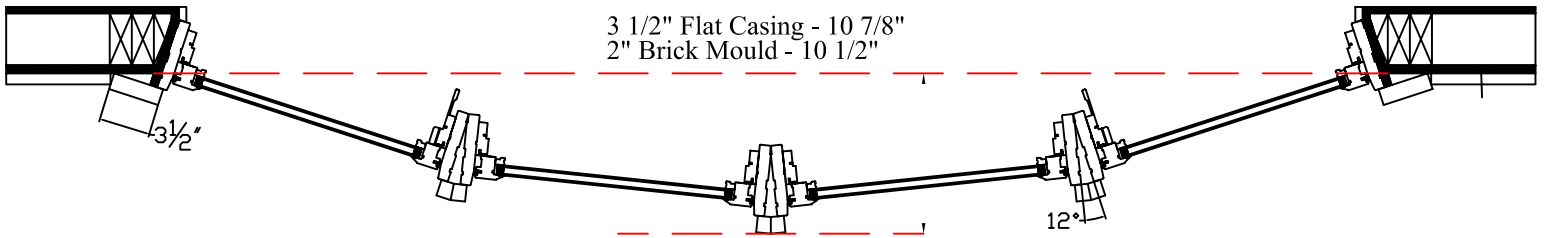
Projection of 3 Wide Bow Window
with 16" windows:

3 1/2" Flat Casing - 5 3/8"
2" Brick Mould - 5 1/32"



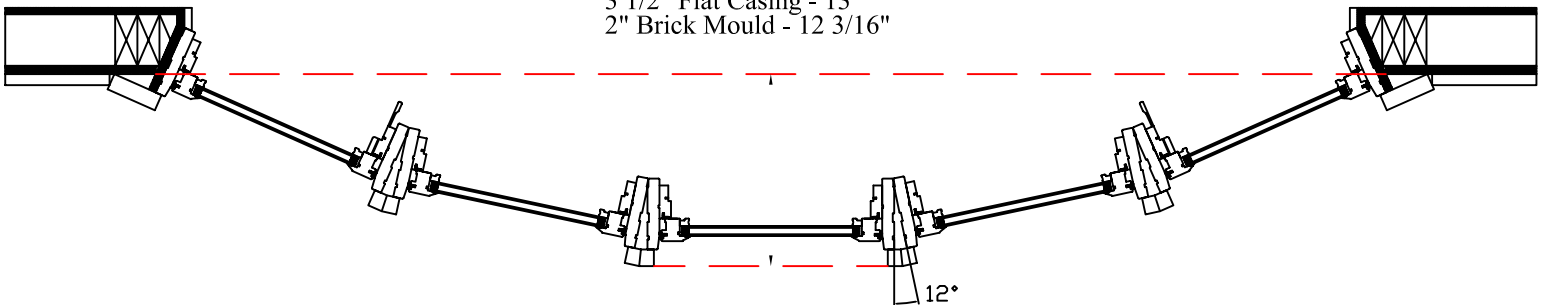
Projection of 4 Wide Bow Window
with 16" windows:

3 1/2" Flat Casing - 10 7/8"
2" Brick Mould - 10 1/2"



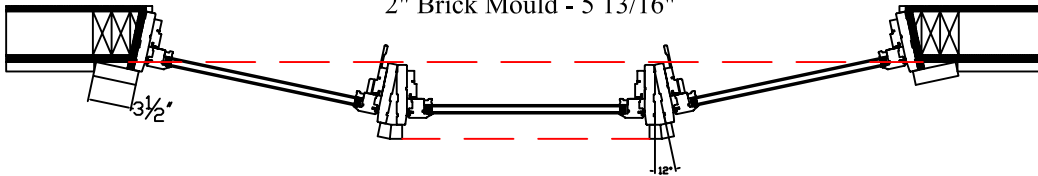
Projection of 5 Wide Bow Window
with 16" windows:

3 1/2" Flat Casing - 13"
2" Brick Mould - 12 3/16"

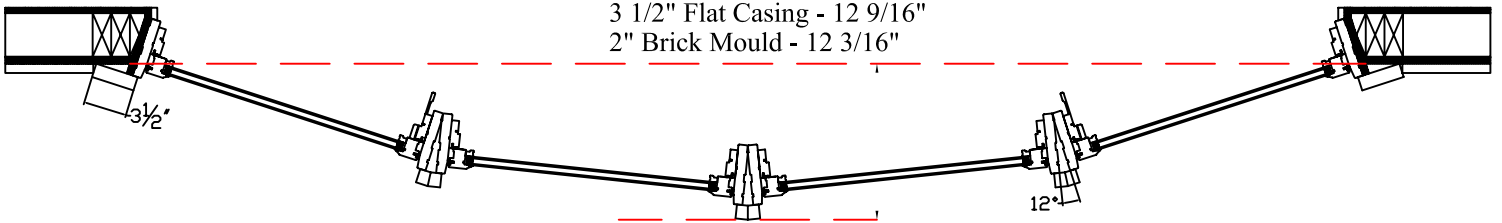


Fixed units are same size as operating units.

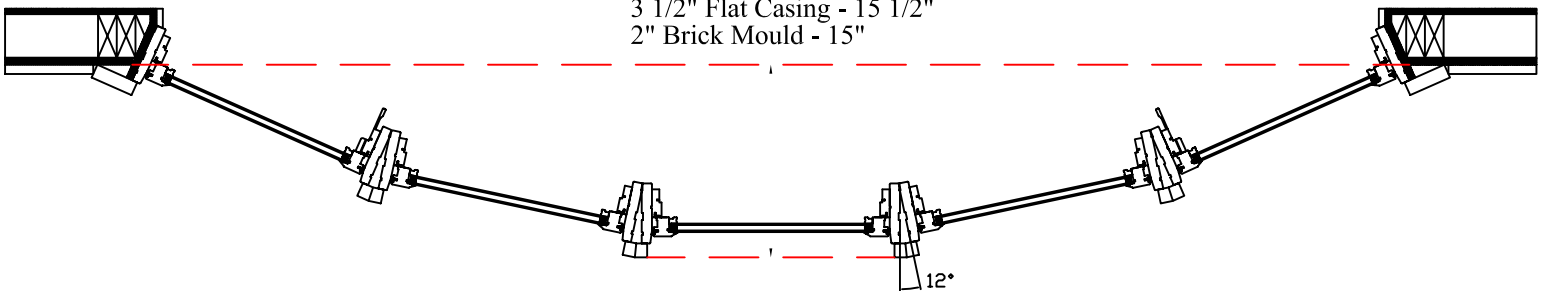
Projection of 3 Wide Bow Window
with 20" windows:
3 1/2" Flat Casing - 6 3/16"
2" Brick Mould - 5 13/16"



Projection of 4 Wide Bow Window
with 16" windows:
3 1/2" Flat Casing - 12 9/16"
2" Brick Mould - 12 3/16"



Projection of 5 Wide Bow Window
with 16" windows:
3 1/2" Flat Casing - 15 1/2"
2" Brick Mould - 15"



Fixed units are same size as operating units.