

Milestone Awning v2.1

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Unit Specifications

Frame:

- Pine wood interior and exterior standard. Options include South American Mahogany, Philippine Mahogany (Marenti), Douglas Fir, Western Red Cedar, Teak, or other. Optional species can be specified for specific parts only (sill, sill nose, casing, etc.)
- Frame width: 4 9/16"
- ► Frame thickness: 1 3/16"
- Sill: 10 degree bevel, 1" standard sill nose. Optional 2" "historic" sill nose
- > Pine exterior parts are dipped in a water repellent preservative.

<u>Sash:</u>

- Pine wood interior and exterior standard. Options include South American Mahogany, Philippine Mahogany (Marenti), Douglas Fir, Western Red Cedar, Teak, or other.
- Sash thickness: 1 3/4"
- > Pine exterior parts are dipped in a water repellent preservative.

Interior and exterior finish:

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

<u>Hardware:</u>

- > Standard cam handle and keeper: Sand cast oil rubbed bronze. Consult your Green Mountain dealer for optional finishes.
- ▶ Heavy duty four bar adjustable friction hinge, opens to 52°.

Weatherstrip:

- Foam filled bulb weatherstrip on frame parts.
- Brown leaf weatherstrip on sash.

Jamb extension:

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

Insect Screens:

- > Pull open interior mount hinge screen with loose pin hinges for removal.
- Standard wood framed hinge screen with charcoal fiberglass mesh screening. Species and finish to match window. Optional mesh: charcoal aluminum, bright aluminum, or bright bronze. Screen pull make of sand cast bronze in oil rubbed bronze.

Glass:

- Double strength glass sealed with Gray Duraseal warm edge spacer. Standard overall glass thickness on wood exterior units is 1/2" with wood exterior glazing bead. Optional 11/16" glass thickness with white vinyl exterior glazing bead.
- 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
 - \circ 1/2" Low E with Argon gas fill
 - \circ 1/2" Low E with Krypton gas fill
 - \circ 11/16" regular insulating glass (white vinyl glazing bead on exterior)
 - 11/16" Low E with Argon (white vinyl glazing bead on exterior)
- 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 is chosen.
 - > See "section details": divided lites for muntin profiles" for standard cuts. Custom configurations are available



NFRC Values, Energy Star Rating Information and DP Ratings

NFRC ratings are to be announced. Please contact you Green Mountain dealer.

[†] ENERGY STAR compliant for northern and central regions

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.

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	Structural Test Pressure	Water Resistance Test Pressure
	Lb/ft ²	Lb/ft ²	Lb/ft ²
С	30	45	4.5



Green Mountain Window and Door Co. Vent Opening Information

Size	Vent Opening Width	Vent Opening Height	Square Foot Opening
16 x 20	10 7/8	11 7/8	.89
16 x 24	10 7/8	15 7/8	1.20
16 x 28	10 7/8	19 7/8	1.50
16 x 32	10 7/8	23 7/8	1.80
16 x 36	10 7/8	27 7/8	2.11
20 x 20	14 7/8	11 7/8	1.23
20 x 24	14 7/8	15 7/8	1.64
20 x 28	14 7/8	19 7/8	2.05
20 x 32	14 7/8	23 7/8	2.47
20 x 36	14 7/8	27 7/8	2.88
24 x 20	18 7/8	11 7/8	1.56
24 x 24	18 7/8	15 7/8	2.08
24 x 28	18 7/8	19 7/8	2.60
24 x 32	18 7/8	23 7/8	3.13
24 x 36	18 7/8	27 7/8	3.65
28 x 20	22 7/8	11 7/8	1.89
28 x 24	22 7/8	15 7/8	2.52
28 x 28	22 7/8	19 7/8	3.16
28 x 32	22 7/8	23 7/8	3.79
28 x 36	22 7/8	27 7/8	4.43
32 x 20	26 7/8	11 7/8	2.22
32 x 24	26 7/8	15 7/8	2.96
32 x 28	26 7/8	19 7/8	3.71
32 x 32	26 7/8	23 7/8	4.46
32 x 36	26 7/8	27 7/8	5.20
36 x 20	30 7/8	11 7/8	2.55
36 x 24	30 7/8	15 7/8	3.40
36 x 28	30 7/8	19 7/8	4.26
36 x 32	30 7/8	23 7/8	5.12
36 x 36	30 7/8	27 7/8	5.98
40 x 20	34 7/8	11 7/8	2.88
40 x 24	34 7/8	15 7/8	3.84
40 x 28	34 7/8	19 7/8	4.81
40 x 32	34 7/8	23 7/8	5.78
40 x 36	34 7/8	27 7/8	6.75
48 x 20	42 7/8	11 7/8	3.54
48 x 24	42 7/8	15 7/8	4.73
48 x 28	42 7/8	19 7/8	5.92
48 x 32	42 7/8	23 7/8	7.11
48 x 36	42 7/8	27 7/8	8.30

Note: Vent opening is not equal to clear opening. Awning units will not meet egress codes so clear opening is not usually relevant.



Measurement Conversions "Size" used for conversion purposes is the unit name. Example: 32x24 Awning has a "size" of 32 wide and 24 high.

Awning:

For Daylight Opening: For Frame Size: For Rough Opening: Vent Opening	Width "Size" – 6 7/16" No Conversion Necessary "Size" + 1" "Size" – 5 1/8"	<u>Height</u> "Size" – 6 7/16" No Conversion Necessary "Size" + 1 1/4" "Size" – 8 1/8"
Rough Openings of Mulled Units: Double Wide Unit: Triple Wide Unit: Four Wide Unit:	(Single RO x2) -1" (Single RO x3) -2" (Single RO x4) -3"	No Conversion Necessary No Conversion Necessary No Conversion Necessary

<u>Picture Windows:</u>

For Daylight Opening:"Size" - 6 7/16""Size" - 6 7/16"For Frame Size:No Conversion NecessaryNo Conversion NecessaryFor Rough Opening:"Size" + 1""Size" + 5 1/4"

(Single RO x^2) -1"

(Single RO x3) -2"

(Single RO x4) -3"

Height

No Conversion Necessary

No Conversion Necessary

No Conversion Necessary

Width

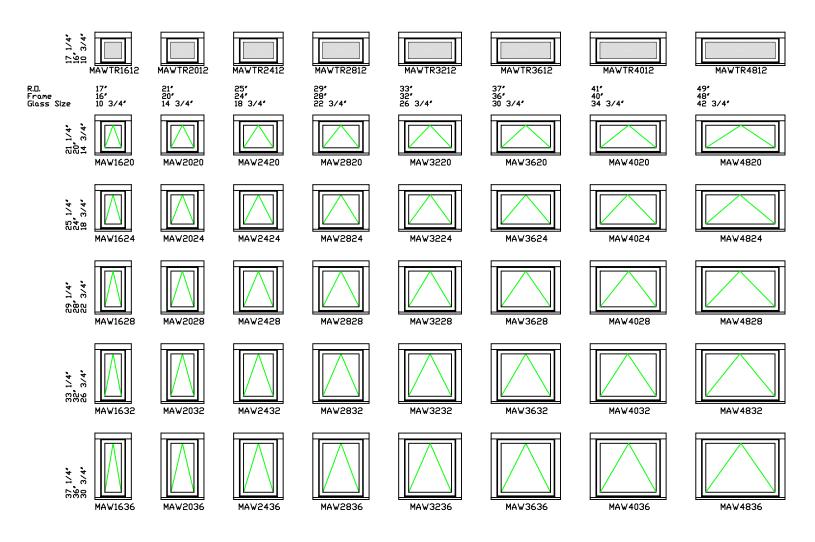
Rough Openings of Mulled Units: Double Wide Unit: Triple Wide Unit: Four Wide Unit:

Awning Transoms:

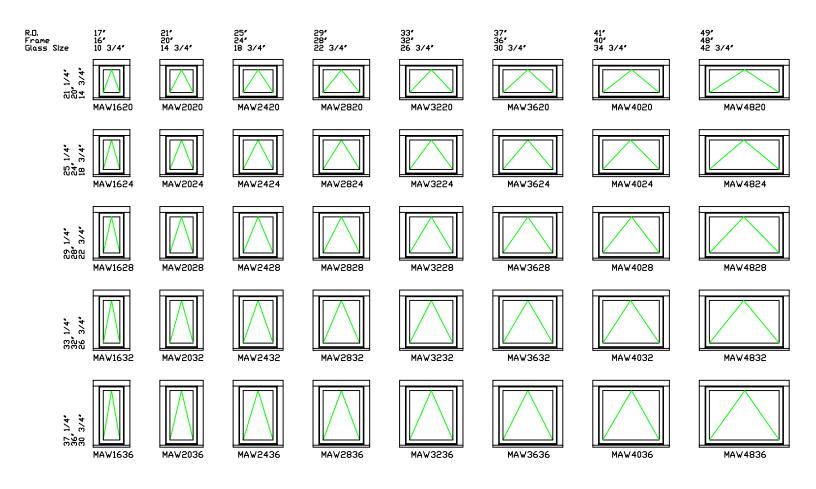
	<u>Width</u>	<u>Height</u>
For Daylight Opening:	"Size" – 6 7/16"	"Size" – 6 7/16"
For Frame Size:	No Conversion Necessary	"Size" + 4"
For Rough Opening:	"Size" + 1"	"Size" + 4"

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

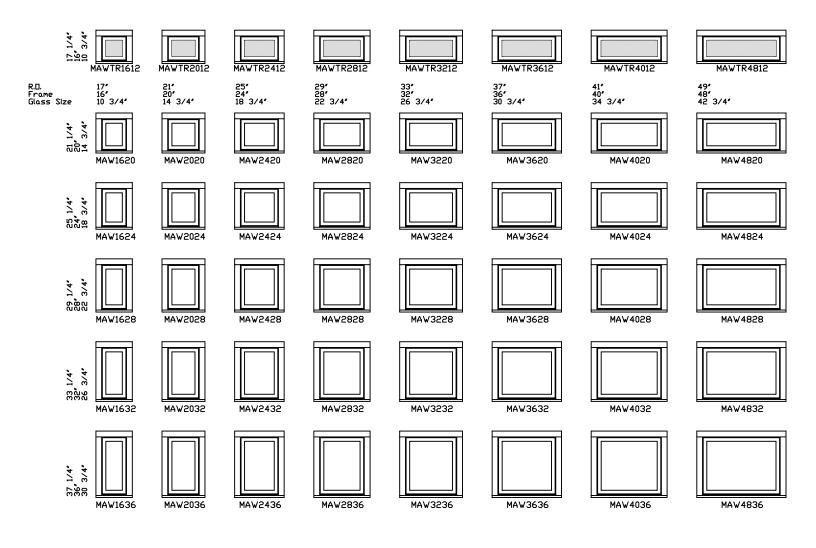
Rough Openings of Mulled Units:		
Double Wide Unit:	(Single RO x2) -1"	No Conversion Necessary
Triple Wide Unit:	(Single RO x3) -2"	No Conversion Necessary
Four Wide Unit:	(Single RO x4) -3"	No Conversion Necessary



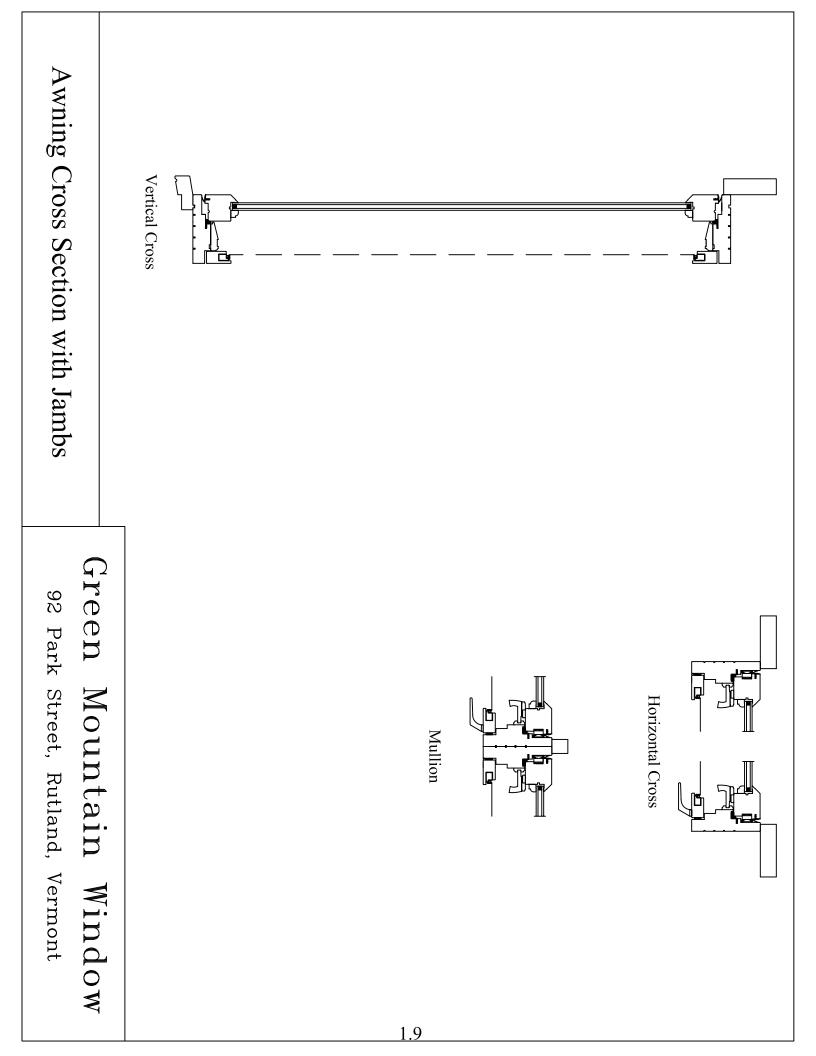
Note: All frame heights listed do not include 3/4" sub sill.

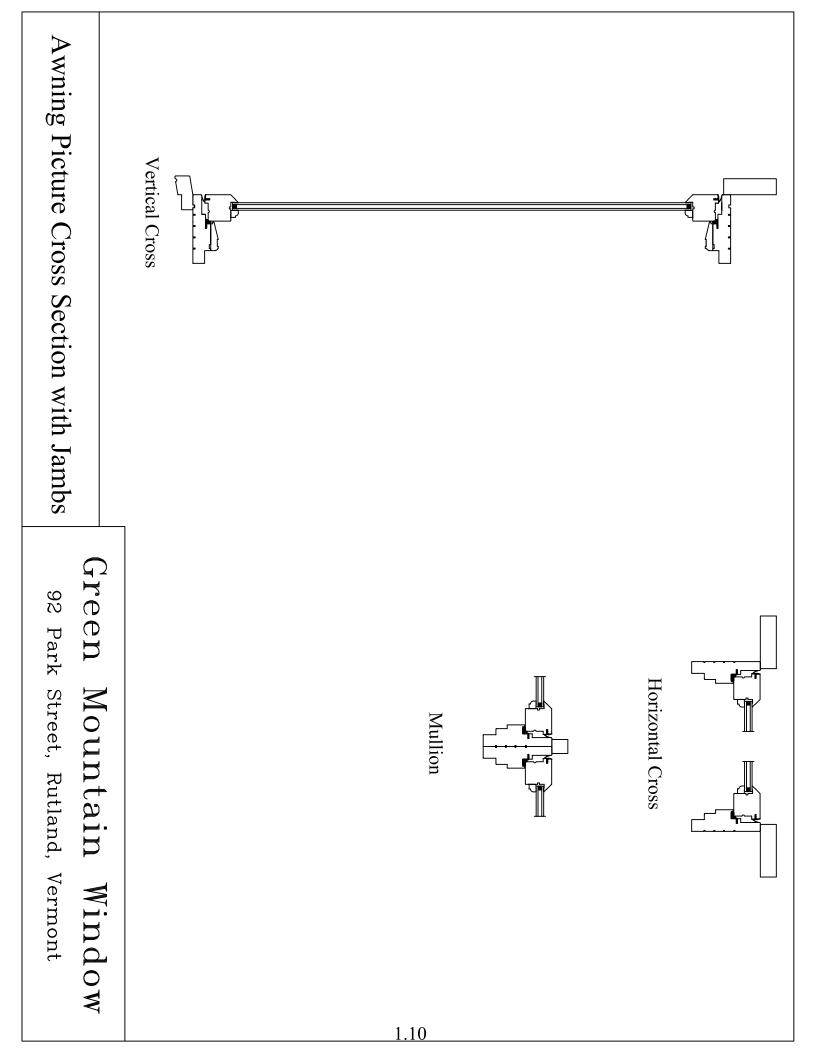


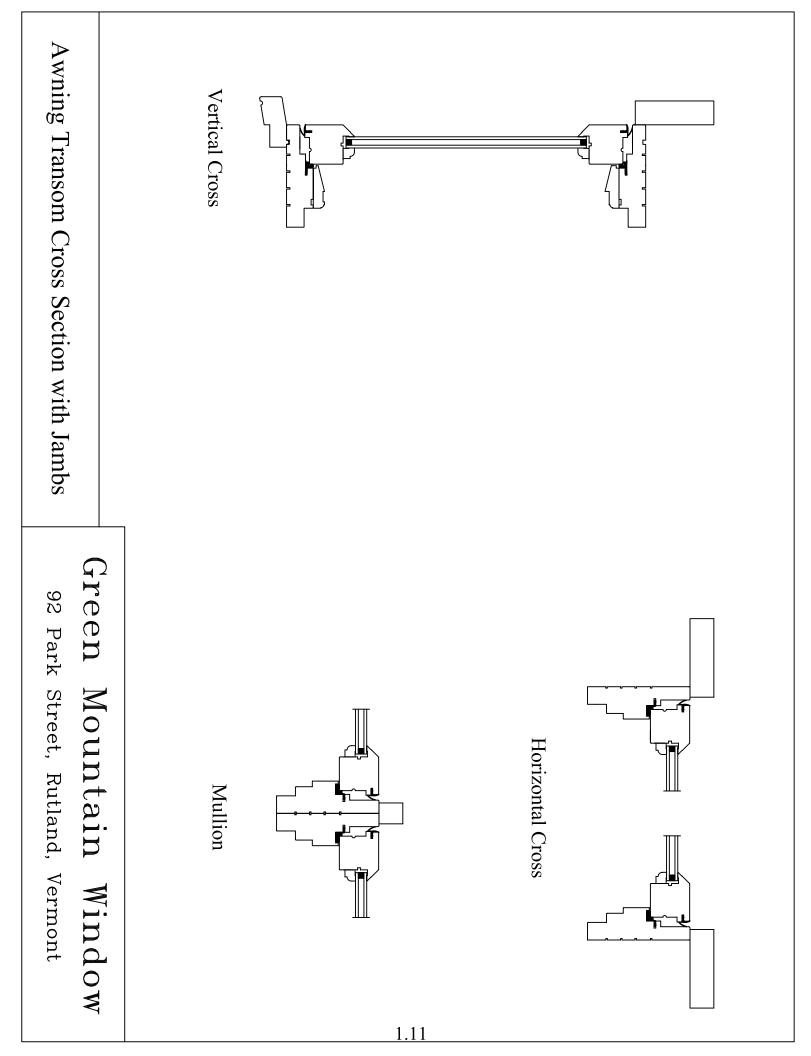
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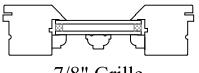


Note: All frame heights listed do not include 3/4" sub sill.

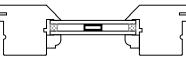




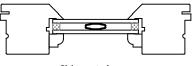




7/8" Grille



Flat Airspace



Profile Airspace



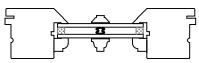
5/8" SDL



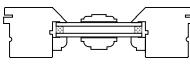
7/8" SDL



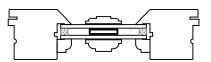
7/8" SDL with Spacer Bar



5/8" SDL with Spacer Bar



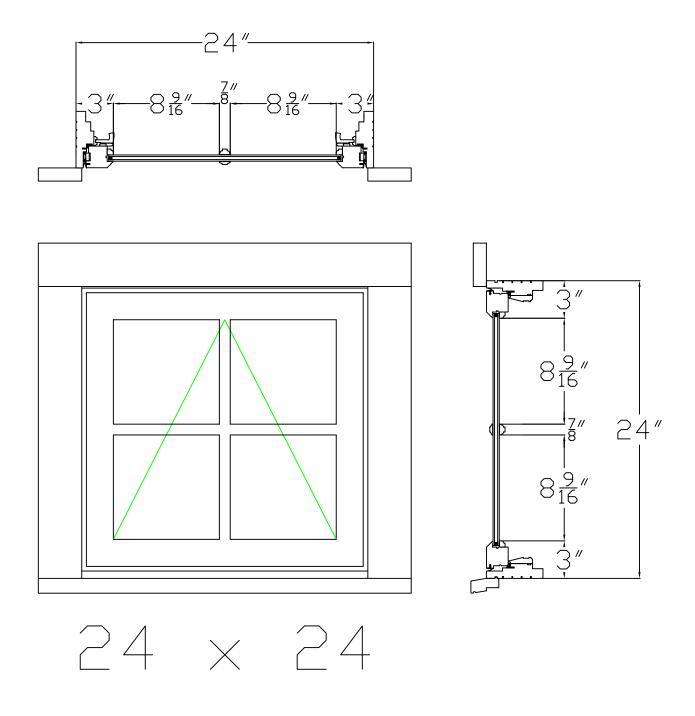
1 1/4" SDL



1 1/4" SDL with Spacer Bar

I. G., No Lites Wood Bead

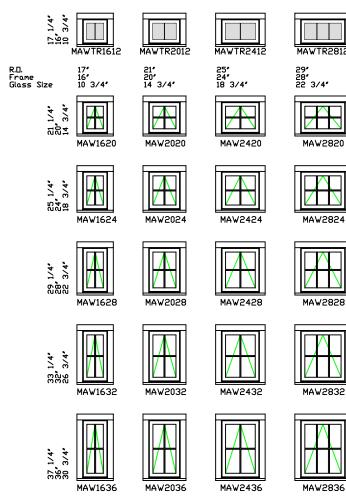
Green Mountain Window Co.

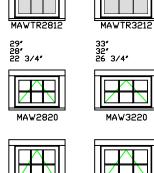


Note: The example above only applies to a 24 x 24 with 7/8" muntins in a two wide, two high pattern.

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.

Overall DLO - (sum of all bar widths) Number of Lites





















MAW4020

MAW4024

MAW4028

MAW4032

MAW4036





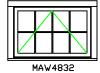


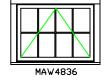






MAW4828





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



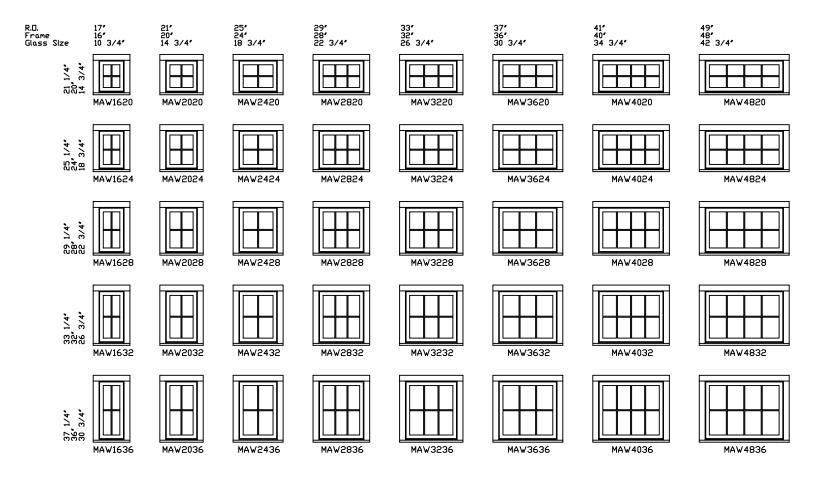




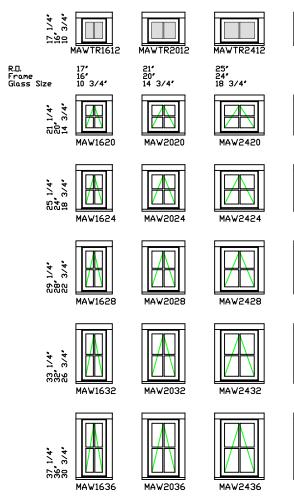
MAW3628

MAW3632

MAW3636



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





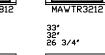
MAW2820

MAW2824

MAW2828

MAW2832

MAW2836





MAW3220





MAW3228

MAW3236





MAW3636





MAW4020

MAW4024

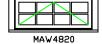
MAW4028

MAW4032

MAW4036



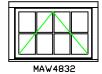


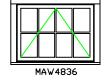






MAW4828





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

MAW3624

MAW3620

MAW3628

MAW3632



