

## Sizes for V1 Series Single-Hung Windows with Nailing Flange - Approved for HVHZ

FORMERLY 2127 SERIES SINGLE-HUNG HVHZ UPGRADE WINDOW - WITH NAILING FIN  
SINGLE-HUNG - MODEL 2127FIN - STANDARD WINDOW SIZES

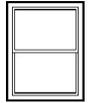
NOMINAL WINDOW SIZE	ACTUAL WINDOW SIZE (FRAME TTT)		ROUGH OPENING SIZE*		CLEAR OPENING SIZE		CLEAR OPENING SQ. FT.	VISIBLE GLASS PER OPENING		TOTAL VISIBLE GLASS SQ. FT.
	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT		WIDTH	HEIGHT	
2/0 x 3/0	23 3/8	x 35 1/4	23 7/8	x 35 3/4	19 1/16	x 11 15/16	1.58	19 1/16	x 14 13/16	3.92
2/0 x 3/8	23 3/8	x 43 1/4	23 7/8	x 43 3/4	19 1/16	x 15 15/16	2.11	19 1/16	x 18 13/16	4.98
2/0 x 4/0	23 3/8	x 47 1/4	23 7/8	x 47 3/4	19 1/16	x 17 15/16	2.37	19 1/16	x 20 13/16	5.51
2/0 x 4/4	23 3/8	x 51 1/4	23 7/8	x 51 3/4	19 1/16	x 19 15/16	2.64	19 1/16	x 22 13/16	6.04
2/0 x 4/6	23 3/8	x 53 1/4	23 7/8	x 53 3/4	19 1/16	x 20 15/16	2.77	19 1/16	x 23 13/16	6.30
2/0 x 5/0	23 3/8	x 59 1/4	23 7/8	x 59 3/4	19 1/16	x 22 11/16	3.01	19 1/16	x 26 13/16	7.10
2/0 x 6/0	23 3/8	x 71 1/4	23 7/8	x 71 3/4	19 1/16	x 28 11/16	3.80	19 1/16	x 32 13/16	8.69
2/4 x 3/0	27 3/8	x 35 1/4	27 7/8	x 35 3/4	23 1/16	x 11 15/16	1.91	23 1/16	x 14 13/16	4.74
2/4 x 3/8	27 3/8	x 43 1/4	27 7/8	x 43 3/4	23 1/16	x 15 15/16	2.55	23 1/16	x 18 13/16	6.03
2/4 x 4/0	27 3/8	x 47 1/4	27 7/8	x 47 3/4	23 1/16	x 16 11/16	2.68	23 1/16	x 20 13/16	6.67
2/4 x 4/4	27 3/8	x 51 1/4	27 7/8	x 51 3/4	23 1/16	x 18 11/16	3.00	23 1/16	x 22 13/16	7.31
2/4 x 4/6	27 3/8	x 53 1/4	27 7/8	x 53 3/4	23 1/16	x 19 11/16	3.16	23 1/16	x 23 13/16	7.63
2/4 x 5/0	27 3/8	x 59 1/4	27 7/8	x 59 3/4	23 1/16	x 22 11/16	3.64	23 1/16	x 26 13/16	8.59
2/4 x 6/0	27 3/8	x 71 1/4	27 7/8	x 71 3/4	23 1/16	x 28 11/16	4.60	23 1/16	x 32 13/16	10.51
2/8 x 3/0	31 3/8	x 35 1/4	31 7/8	x 35 3/4	27 1/16	x 11 15/16	2.24	27 1/16	x 14 13/16	5.57
2/8 x 3/8	31 3/8	x 43 1/4	31 7/8	x 43 3/4	27 1/16	x 14 11/16	2.77	27 1/16	x 18 13/16	7.07
2/8 x 4/0	31 3/8	x 47 1/4	31 7/8	x 47 3/4	27 1/16	x 16 11/16	3.14	27 1/16	x 20 13/16	7.82
2/8 x 4/4	31 3/8	x 51 1/4	31 7/8	x 51 3/4	27 1/16	x 18 11/16	3.52	27 1/16	x 22 13/16	8.57
2/8 x 4/6	31 3/8	x 53 1/4	31 7/8	x 53 3/4	27 1/16	x 19 11/16	3.71	27 1/16	x 23 13/16	8.95
2/8 x 5/0	31 3/8	x 59 1/4	31 7/8	x 59 3/4	27 1/16	x 22 11/16	4.27	27 1/16	x 26 13/16	10.08
2/8 x 6/0	31 3/8	x 71 1/4	31 7/8	x 71 3/4	27 1/16	x 28 11/16	5.40	27 1/16	x 32 13/16	12.33
3/0 x 3/0	35 3/8	x 35 1/4	35 7/8	x 35 3/4	31 1/16	x 10 11/16	2.31	31 1/16	x 14 13/16	6.39
3/0 x 3/8	35 3/8	x 43 1/4	35 7/8	x 43 3/4	31 1/16	x 14 11/16	3.17	31 1/16	x 18 13/16	8.12
3/0 x 4/0	35 3/8	x 47 1/4	35 7/8	x 47 3/4	31 1/16	x 16 11/16	3.61	31 1/16	x 20 13/16	8.98
3/0 x 4/4	35 3/8	x 51 1/4	35 7/8	x 51 3/4	31 1/16	x 18 11/16	4.04	31 1/16	x 22 13/16	9.84
3/0 x 4/6	35 3/8	x 53 1/4	35 7/8	x 53 3/4	31 1/16	x 19 11/16	4.25	31 1/16	x 23 13/16	10.27
3/0 x 5/0	35 3/8	x 59 1/4	35 7/8	x 59 3/4	31 1/16	x 22 11/16	4.90	31 1/16	x 26 13/16	11.57
<b>3/0 x 6/0^</b>	<b>35 3/8</b>	<b>x 71 1/4</b>	<b>35 7/8</b>	<b>x 71 3/4</b>	<b>31 1/16</b>	<b>x 28 11/16</b>	<b>6.19</b>	<b>31 1/16</b>	<b>x 32 13/16</b>	<b>14.16</b>
3/4 x 3/0	39 3/8	x 35 1/4	39 7/8	x 35 3/4	35 1/16	x 10 11/16	2.61	35 1/16	x 14 13/16	7.21
3/4 x 3/8	39 3/8	x 43 1/4	39 7/8	x 43 3/4	35 1/16	x 14 11/16	3.58	35 1/16	x 18 13/16	9.16
3/4 x 4/0	39 3/8	x 47 1/4	39 7/8	x 47 3/4	35 1/16	x 16 11/16	4.07	35 1/16	x 20 13/16	10.14
3/4 x 4/4	39 3/8	x 51 1/4	39 7/8	x 51 3/4	35 1/16	x 18 11/16	4.56	35 1/16	x 22 13/16	11.11
3/4 x 4/6	39 3/8	x 53 1/4	39 7/8	x 53 3/4	35 1/16	x 19 11/16	4.80	35 1/16	x 23 13/16	11.60
3/4 x 5/0	39 3/8	x 59 1/4	39 7/8	x 59 3/4	35 1/16	x 22 11/16	5.53	35 1/16	x 26 13/16	13.06
<b>3/4 x 6/0^</b>	<b>39 3/8</b>	<b>x 71 1/4</b>	<b>39 7/8</b>	<b>x 71 3/4</b>	<b>35 1/16</b>	<b>x 28 11/16</b>	<b>6.99</b>	<b>35 1/16</b>	<b>x 32 13/16</b>	<b>15.98</b>
3/8 x 3/0	43 3/8	x 35 1/4	43 7/8	x 35 3/4	39 1/16	x 10 11/16	2.91	39 1/16	x 14 13/16	8.04
3/8 x 3/8	43 3/8	x 43 1/4	43 7/8	x 43 3/4	39 1/16	x 14 11/16	3.99	39 1/16	x 18 13/16	10.21
3/8 x 4/0	43 3/8	x 47 1/4	43 7/8	x 47 3/4	39 1/16	x 16 11/16	4.53	39 1/16	x 20 13/16	11.29
3/8 x 4/4	43 3/8	x 51 1/4	43 7/8	x 51 3/4	39 1/16	x 18 11/16	5.08	39 1/16	x 22 13/16	12.38
3/8 x 4/6	43 3/8	x 53 1/4	43 7/8	x 53 3/4	39 1/16	x 19 11/16	5.35	39 1/16	x 23 13/16	12.92
3/8 x 5/0	43 3/8	x 59 1/4	43 7/8	x 59 3/4	39 1/16	x 21 1/2	5.83	39 1/16	x 26 13/16	14.55
<b>3/8 x 6/0^</b>	<b>43 3/8</b>	<b>x 71 1/4</b>	<b>43 7/8</b>	<b>x 71 3/4</b>	<b>39 1/16</b>	<b>x 27 1/2</b>	<b>7.46</b>	<b>39 1/16</b>	<b>x 32 13/16</b>	<b>17.80</b>

Clear Opening Sizes are for one opening.

Visible Glass Sizes are for one lite of glass. Total Visible Glass is combined area of all lites of glass in entire unit.

To calculate actual glass size per opening, add 7/8" to the Visible Glass Width and add 7/8" to the Visible Glass Height.

^ **BOLD** type indicates window meets or exceeds clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".



### Custom Sizes for V1 Series Single-Hung Windows with Masonry or Nailing Flange - Approved for HVHZ

FORMERLY 2127 SERIES SINGLE-HUNG HVHZ UPGRADE WINDOW - WITH MASONRY FLANGE OR NAILING FIN  
SINGLE-HUNG - MODEL 2127FL & 2127FIN - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	17 1/2"	52
Window Height (WH)	24	73
United Inch (UI)	42	125

Add 1" to width and height for Tip To Tip (TTT) masonry flange dimensions. Add 1/2" to width and height for rough opening dimensions. Window can be ordered in 1/16" increments in height for masonry flange. Window can be ordered in 1/8" increments for nailing flange. Sizes listed are in inches unless otherwise indicated.

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Glass	MROUND (WW - 3.438, 1/16)	MROUND ((WH / 2) - 1.938, 1/16)

VISIBLE GLASS FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Glass	GW - 0.875	GH - 0.875

VISIBLE GLASS SQUARE FOOT FORMULA	
For Entire Unit	(VW * VH / 144) * 2

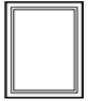
CLEAR OPENING FORMULAS		
BALANCER TYPE	WIDTH	HEIGHT
1 Coil Balancer	WW - 4.3125	WH / 2 - 5.69
2 Coil Balancers	WW - 4.3125	WH / 2 - 6.91
3 Coil Balancers	WW - 4.3125	WH / 2 - 8.13
4 Coil Balancers	WW - 4.3125	WH / 2 - 9.35
Block & Tackle	WW - 4.3125	WH / 2 - 4.6875

Number of coils is based on unit size.  
Clear opening is for one opening.

CLEAR OPENING SIZE REFERENCE CHART																					
		ACTUAL WINDOW WIDTH																			
		17.5	17.51 - 17.99	18 - 19.99	20 - 21.99	22 - 23.99	24 - 25.99	26 - 27.99	28 - 29.99	30 - 31.99	32 - 33.99	40 - 35.874	35.875 - 36.24	36.25 - 37.99	38 - 39.99	40 - 41.99	42 - 43.99	44 - 45.99	46 - 47.99	48 - 49.99	50 - 52
ACTUAL WINDOW HEIGHT	24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
	24.01 - 25.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
	26 - 27.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
	28 - 29.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
	30 - 31.99	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
	32 - 33.99	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
	34 - 35.99	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
	36 - 37.99	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
	38 - 39.99	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
	40 - 41.99	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
	42 - 43.99	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
	44 - 45.99	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
	46 - 47.99	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	48 - 49.99	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	50 - 51.99	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	52 - 53.99	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	54 - 55.99	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
	56 - 57.99	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
58 - 59.99	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	
60 - 61.874	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	
61.875 - 63.874	1	1	1	2	2	2	2	2	2	2	2	BT	BT	BT	2	2	BT	BT	BT	BT	
64.875 - 65.874	1	1	1	2	2	2	2	2	2	2	2	BT	BT	2	2	2	BT	BT	BT	BT	
65.875 - 67.99	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	
68 - 69.99	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	
70 - 70.875	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	
70.876 - 71.99	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	
72 - 73	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	

- BT** Meet or exceed clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24" with block & tackle balancer.
- 2** Meet or exceed clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24" with 2 balancers.
- 3** Meet or exceed clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24" with 3 balancers.

For other sizes please refer to formulas above.



## Custom Sizes for V1 Series Single-Hung Picture Windows with Nailing Flange - Approved for HVHZ

FORMERLY 2127 SERIES SINGLE-HUNG WINDOW - WITH NAILING FIN  
SINGLE PICTURE WINDOW - MODEL 2251 - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	11 3/8"	96"
Window Height (WH)	11 3/8"	96"
United Inch (UI)	24"	192"

Add 1/2" to width and height for Rough Opening size.

Window can be ordered in 1/16" increments for both width and height.

Sizes listed are in inches unless otherwise indicated.

ACTUAL WINDOW HEIGHT	ACTUAL WINDOW WIDTH			
	11 3/8 - 54	54 1/16 - 60	60 1/16 - 74	74 1/16 - 96
11-3/8 - 54				
54 1/16 - 60				
60 1/16 - 74				
74 1/16 - 96		SIZES NOT AVAILABLE		

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening	MROUND (WW - 3.438, 1/16)	MROUND (WH - 3.438, 1/16)

VISIBLE GLASS FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Opening	GW - 7/8	GH - 7/8

VISIBLE GLASS SQUARE FOOT FORMULA	
For Entire Unit	VW * VH / 144

## Custom Sizes for V1 Series Single-Hung Half Circle Windows with Nailing Flange - Approved for HVHZ



FORMERLY 2127 SERIES SINGLE-HUNG WINDOW - WITH NAILING FIN  
HALF CIRCLE WINDOW - MODEL 2261 - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	23 1/2"	75 1/2"
Window Height (WH)	13 1/2"	39 1/2"
United Inch (UI)	37"	115"

Add 1/2" to width and height for Rough Opening size.

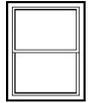
Window can be ordered in 1/8" increments for width.

Sizes listed are in inches unless otherwise indicated.

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening	$MROUND(WW - 3.438, 1/16)$	$MROUND(WH - 3.438) / 2, 1/16$

VISIBLE GLASS FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Opening	$GW - 7/8$	$GH - 7/8$

VISIBLE GLASS SQUARE FOOT FORMULA	
For Entire Unit	$VW * VH / 144$



## Sizes for V1 Series Single-Hung Windows with Masonry Flange - Approved for HVHZ

FORMERLY 2127 SERIES SINGLE-HUNG HVHZ UPGRADE WINDOW - WITH MASONRY FLANGE  
SINGLE-HUNG - MODEL 2127FL - STANDARD WINDOW SIZES

NOMINAL (BLOCK) SIZE	ACTUAL WINDOW SIZE		EXTERNAL DIMENSION INCL MASONRY FLANGE		ROUGH OPENING SIZE		CLEAR OPENING SIZE		CLEAR OPENING SQ. FT.	VISIBLE GLASS PER OPENING		OTAL VISIBLE GLASS SQ. FT.
	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT		WIDTH	HEIGHT	
1 x 2	18	x 24 7/8	19	x 25 7/8	18 1/2	x 25 3/8	13 11/16	x 6 3/4	0.64	13 11/16	x 9 9/16	1.82
1 x 3	18	x 37 1/4	19	x 38 1/4	18 1/2	x 37 3/4	13 11/16	x 12 15/16	1.23	13 11/16	x 15 3/4	2.99
1 x 4	18	x 49 1/2	19	x 50 1/2	18 1/2	x 50	13 11/16	x 19 1/16	1.81	13 11/16	x 21 7/8	4.16
1 x 5	18	x 61 7/8	19	x 62 7/8	18 1/2	x 62 3/8	13 11/16	x 25 1/4	2.40	13 11/16	x 28 1/16	5.33
1 x 6	18	x 72 1/8	19	x 73 1/8	18 1/2	x 72 5/8	13 11/16	x 30 3/8	2.89	13 11/16	x 33 3/16	6.31
1/2 3 x 2	25 3/8	x 24 7/8	26 3/8	x 25 7/8	25 7/8	x 25 3/8	21 1/16	x 6 3/4	0.99	21 1/16	x 9 9/16	2.80
1/2 3 x 3	25 3/8	x 37 1/4	26 3/8	x 38 1/4	25 7/8	x 37 3/4	21 1/16	x 12 15/16	1.89	21 1/16	x 15 3/4	4.61
1/2 3 x 4	25 3/8	x 49 1/2	26 3/8	x 50 1/2	25 7/8	x 50	21 1/16	x 19 1/16	2.79	21 1/16	x 21 7/8	6.40
1/2 3 x 5	25 3/8	x 61 7/8	26 3/8	x 62 7/8	25 7/8	x 62 3/8	21 1/16	x 24	3.51	21 1/16	x 28 1/16	8.21
1/2 3 x 6	25 3/8	x 72 1/8	26 3/8	x 73 1/8	25 7/8	x 72 5/8	21 1/16	x 29 1/8	4.26	21 1/16	x 33 3/16	9.71
2 x 2	35 7/8	x 24 7/8	36 7/8	x 25 7/8	36 3/8	x 25 3/8	31 9/16	x 6 3/4	1.48	31 9/16	x 9 9/16	4.19
2 x 3	35 7/8	x 37 1/4	36 7/8	x 38 1/4	36 3/8	x 37 3/4	31 9/16	x 11 11/16	2.56	31 9/16	x 15 3/4	6.90
2 x 4	35 7/8	x 49 1/2	36 7/8	x 50 1/2	36 3/8	x 50	31 9/16	x 17 13/16	3.90	31 9/16	x 21 7/8	9.59
<b>2 x 5<sup>A</sup></b>	<b>35 7/8</b>	<b>x 61 7/8</b>	<b>36 7/8</b>	<b>x 62 7/8</b>	<b>36 3/8</b>	<b>x 62 3/8</b>	<b>31 9/16</b>	<b>x 26 1/4</b>	<b>5.75</b>	<b>31 9/16</b>	<b>x 28 1/16</b>	<b>12.30</b>
<b>2 x 6<sup>A</sup></b>	<b>35 7/8</b>	<b>x 72 1/8</b>	<b>36 7/8</b>	<b>x 73 1/8</b>	<b>36 3/8</b>	<b>x 72 5/8</b>	<b>31 9/16</b>	<b>x 31 3/8</b>	<b>6.88</b>	<b>31 9/16</b>	<b>x 33 3/16</b>	<b>14.55</b>
3 x 2	52	x 24 7/8	53	x 25 7/8	52 1/2	x 25 3/8	47 11/16	x 5 1/2	1.82	47 11/16	x 9 9/16	6.33
3 x 3	52	x 37 1/4	53	x 38 1/4	52 1/2	x 37 3/4	47 11/16	x 11 11/16	3.87	47 11/16	x 15 3/4	10.43
3 x 4	52	x 49 1/2	53	x 50 1/2	52 1/2	x 50	47 11/16	x 17 13/16	5.90	47 11/16	x 21 7/8	14.49
3 x 5 <sup>A</sup>	52	x 61 7/8	53	x 62 7/8	52 1/2	x 62 3/8	47 11/16	x 26 1/4	8.69	47 11/16	x 28 1/16	18.59
3 x 6 <sup>A</sup>	52	x 72 1/8	53	x 73 1/8	52 1/2	x 72 5/8	47 11/16	x 31 3/8	10.39	47 11/16	x 33 3/16	21.98

Clear Opening Sizes are for one opening.

Visible Glass Sizes are for one lite of glass. Total Visible Glass is combined area of all lites of glass in entire unit.

To calculate actual glass size per opening, add 7/8" to the Visible Glass Width and add 7/8" to the Visible Glass Height.

<sup>A</sup> **BOLD** type indicates window meets or exceeds clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".



## Custom Sizes for V1 Series Single-Hung Picture Windows with Masonry Flange - Approved for HVHZ

FORMERLY 2127 SERIES SINGLE-HUNG WINDOW - WITH MASONRY FLANGE  
SINGLE PICTURE WINDOW - MODEL 2130 - CUSTOM WINDOW SIZES

ACTUAL/BUCK WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	12 1/4"	96"
Window Height (WH)	12 1/4"	96"
United Inch (UI)	27"	192"

Add 1" to width and height for Tip To Tip (TTT) Flange size.

Window can be ordered in 1/8" increments for both width and height.

Sizes listed are in inches unless otherwise indicated.

ACTUAL/BUCK WINDOW HEIGHT	ACTUAL/BUCK WINDOW WIDTH			
	12 1/4 - 54	54 1/16 - 60	60 1/16 - 73	73 1/16 - 96
12 1/4 - 54				
54 1/16 - 60				
60 1/16 - 73				
73 1/16 - 96		SIZES NOT AVAILABLE		

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening	MROUND (WW - 3.438, 1/16)	MROUND (WH - 3.438, 1/16)

VISIBLE GLASS FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Opening	GW - 7/8	GH - 7/8

VISIBLE GLASS SQUARE FOOT FORMULA	
For Entire Unit	VW * VH / 144

**Custom Sizes for V1 Series Single-Hung Half Circle Windows with Masonry Flange  
- Approved for HVHZ**



FORMERLY 2127 SERIES SINGLE-HUNG WINDOW - WITH MASONRY FLANGE  
HALF CIRCLE WINDOW - MODEL 2135 - CUSTOM WINDOW SIZES

ACTUAL/BUCK WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	24"	72"
Window Height (WH)	13 3/4"	37 3/4"
United Inch (UI)	37 3/4"	109 3/4"

Add 1" to width and height for Tip To Tip (TTT) Flange size.

Window can be ordered in 1/8" increments for width.

Sizes listed are in inches unless otherwise indicated.

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening	$MROUND (WW - 3.438, 1/16)$	$MROUND ((WH - 3.438) / 2, 1/16)$

VISIBLE GLASS FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Opening	$GW - 7/8$	$GH - 7/8$

VISIBLE GLASS SQUARE FOOT FORMULA	
For Entire Unit	$VW * VH / 144$