



## Custom Sizes for V1 Series Single-Hung Windows with Insert Frame

FORMERLY 2000 SERIES SINGLE-HUNG WINDOW - REPLACEMENT/BLOCK FRAME  
SINGLE-HUNG - MODEL 2001 - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	16"	48"
Window Height (WH)	24"	80"
United Inch (UI)	41"	128"

Window can be ordered in 1/8" increments.

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening	MROUND (WW - 3.438)	MROUND (WH / 2 - 2.00)

VISIBLE GLASS SIZE FORMULAS		
	Width (VW)	Height (VH)
Per Opening	GW - .875"	GH - .875"

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

### Actual Heights Less than or Equal to 67"

Clear Opening Formulas		
Balancer Type	Width	Height
1 Balancer	WW - 4.3125	(WH / 2) - 3.875"
2 Balancers	WW - 4.3125"	(WH / 2) - 3.875"
3 Balancers	WW - 4.3125"	(WH / 2) - 3.75"

### Actual Heights Greater than 67" and Less than or Equal to 73"

Clear Opening Formulas		
Balancer Type	Width	Height
1 Balancer	WW - 4.3125	(WH / 2) - 3.875"
2 Balancers	WW - 4.3125"	(WH / 2) - 5.25"
3 Balancers	WW - 4.3125"	(WH / 2) - 6.5"

### Actual Heights Greater than 73"

Clear Opening Formulas		
Balancer Type	Width	Height
1 Balancer	WW - 4.3125	(WH / 2) - 9.170"
2 Balancers	WW - 4.3125"	(WH / 2) - 10.75"
3 Balancers	WW - 4.3125"	(WH / 2) - 12"

Number of balancers is based on unit size.

Clear opening is for one opening.

Reference the clear opening chart on the following page for additional information.



## Clear Opening Chart for V1 Series Single-Hung Windows with Insert Frame

FORMERLY 2000 SERIES SINGLE-HUNG WINDOW - REPLACEMENT/BLOCK FRAME  
 SINGLE-HUNG - MODEL 2001 - CLEAR OPENING CHART

CLEAR OPENING SIZE REFERENCE CHART		ACTUAL WINDOW WIDTH																
		16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
ACTUAL WINDOW HEIGHT	24																	
	26																	
	28																	
	30																	
	32																	
	34																	
	36																	
	38																	
	40																	
	42																	
	44																	
	46																	
	48																	
	50																	
	52																	
	54																	
	56																	
	58														1			
	60												1	2	2	2	2	2
	62											1	2	2	2	2	2	2
64											1	2	2	2	2	2	2	
66											1	2	2	2	2	2	2	
68											1	2	2	2	2	2	2	
70										1	2	2	2	2	2	2	2	
72										1	2	2	2	2	2	2	2	
74											2	2	2	2	2	2	2	
76											2	2	2	2	2	2	2	
78											2	2	2	2	2	2	2	
80											2	2	2	2	2	2	2	

- 1 Meet or exceed clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24" with 1 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.
- For other sizes please refer to formulas on the previous page.

Sizes listed above denote actual frame size.  
 All ratings shown are representative of units with standard single strength glass.