



Windows with Insert Frame

Casement Windows

Casement	1
Twin Casement	2
Triple Casement	3
Quad Casement	4
Picture with Flanking Casements	5

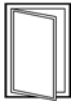
Awning Windows

Awning	6
Twin Awning	7
Triple Awning	8
Twin Stacked Awning	9
Triple Stacked Awning	10
Picture over Awning	11

Transom & Picture Windows	12
--	----

Specialty Windows

Half Circle	13
Octagon	14
Trapezoid	15
Arch/Eyebrow	16
Palladian	17



Custom Sizes for V3 Series Casement Windows with Insert Frame

FORMERLY 70 SERIES CASEMENT/AWNING WINDOW - REPLACEMENT/BLOCK FRAME
SINGLE VENT CASEMENT - MODEL 70RCW1 - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	17 1/2	36
Window Height (WH)	23	72
United Inch (UI)	40 1/2	108

Window can be ordered in 1/8" increments.

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening	MROUND (MROUND ((WW - 2), 1/16) - 3.75, 1/16)	MROUND (MROUND ((WH - 2), 1/16) - 3.75, 1/16)

VISIBLE GLASS FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Opening	GW - 1.125	GH - 1.125

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

CLEAR OPENING FORMULAS		
HINGE TYPE	WIDTH	HEIGHT
Standard Hardware	WW - 12.188	WH - 5.25
Clear Opening Hardware	WW - 7.625	WH - 5.25

Clear opening hardware is not available for widths >= 30" with heights >= 66 1/2".

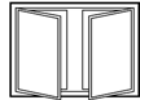
Clear opening hardware is not available for any width greater than 32".

CLEAR OPENING SIZE REFERENCE CHART																					
		ACTUAL WINDOW WIDTH																			
		17.5	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
A C T U A L W I N D O W H E I G H T	23																				
	25																				
	27																				
	29																				
	31																				
	33																				
	35																				
	37																				
	39															2					
	41														2	2				1	
	43														2	2	2		1	1	1
	45													2	2	2	2	1	1	1	1
	47											2	2	2	2	2	2	1	1	1	1
	49											2	2	2	2	2	2	1	1	1	1
	51											2	2	2	2	2	2	1	1	1	1
	53											2	2	2	2	2	2	1	1	1	1
	55											2	2	2	2	2	2	1	1	1	1
	57											2	2	2	2	2	2	1	1	1	1
	59											2	2	2	2	2	2	1	1	1	1
	61											2	2	2	2	2	2	1	1	1	1
63											2	2	2	2	2	2	1	1	1	1	
65											2	2	2	2	2	2	1	1	1	1	
67											2	2					1	1	1	1	
69											2	2					1	1	1	1	
71											2	2					1	1	1	1	
72											2	2					1	1	1	1	

1 Denotes that a window meets or exceeds clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24" with standard hardware.

2 Denotes Denotes that a window meets or exceeds clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24" with clear opening hardware.

For other sizes please refer to formulas above.



Custom Sizes for V3 Series Twin Casement Windows with Insert Frame
FORMERLY 70 SERIES CASEMENT/AWNING WINDOW - REPLACEMENT/BLOCK FRAME
TWIN VENT CASEMENT - MODEL 70RCW2 - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	35	72
Window Height (WH)	23	72
United Inch (UI)	58	144

Window can be ordered in 1/8" increments.

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening	$MROUND (MROUND ((WW / 2 - 1.626), 1/16) - 3.75, 1/16)$	$MROUND (MROUND ((WH - 2), 1/16) - 3.75, 1/16)$

VISIBLE GLASS FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Opening	$GW - 1.125$	$GH - 1.125$

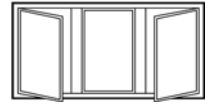
VISIBLE GLASS SQUARE FOOT FORMULA	
For Entire Unit	$VW * VH / 144 * 2$

CLEAR OPENING FORMULAS		
HINGE TYPE	WIDTH	HEIGHT
Standard Hardware	$WW / 2 - 11.844$	$WH - 5.25$
Clear Opening Hardware	$WW / 2 - 7.2185$	$WH - 5.25$

Clear opening hardware is not available for widths ≥ 59 " with heights $\geq 66 \frac{1}{2}$ "
Clear opening hardware is not available for any width greater than 63"

CLEAR OPENING SIZE REFERENCE CHART																							
		ACTUAL WINDOW WIDTH																					
		35	37	39	41	43	45	47	49	51	53	55	57	59	61	63	65	67	69	71	72		
A C T U A L W I N D O W H E I G H T	23																						
	25																						
	27																						
	29																						
	31																						
	33																						
	35																						
	37																						
	39																2						
	41															2	2				1	1	
	43														2	2	2				1	1	1
	45													2	2	2	2	1	1	1	1	1	1
	47											2	2	2	2	2	2	1	1	1	1	1	1
	49											2	2	2	2	2	2	1	1	1	1	1	1
	51											2	2	2	2	2	2	1	1	1	1	1	1
	53											2	2	2	2	2	2	1	1	1	1	1	1
	55											2	2	2	2	2	2	1	1	1	1	1	1
	57											2	2	2	2	2	2	1	1	1	1	1	1
	59											2	2	2	2	2	2	1	1	1	1	1	1
	61											2	2	2	2	2	2	1	1	1	1	1	1
63											2	2	2	2	2	2	1	1	1	1	1	1	
65											2	2	2	2	2	2	1	1	1	1	1	1	
67											2	2					1	1	1	1	1	1	
69											2	2					1	1	1	1	1	1	
71											2	2					1	1	1	1	1	1	
72											2	2					1	1	1	1	1	1	

1 Denotes that a window meets or exceeds clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24" with standard hardware.
1 Denotes that a window meets or exceeds clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24" with clear opening hardware.
For other sizes please refer to formulas above.



Custom Sizes for V3 Series Triple Casement Windows with Insert Frame
FORMERLY 70 SERIES CASEMENT/AWNING WINDOW - REPLACEMENT/BLOCK FRAME
TRIPLE VENT CASEMENT - MODEL 70RCW3 - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	52 1/2	108
Window Height (WH)	23	72
United Inch (UI)	75 1/2	180

Window can be ordered in 1/8" increments.

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening	MROUND (MROUND ((WW / 3 - 1.5), 1/16) - 3.75, 1/16)	MROUND (MROUND ((WH - 2), 1/16) - 3.75, 1/16)

VISIBLE GLASS FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Opening	GW - 1.125	GH - 1.125

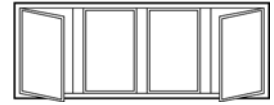
VISIBLE GLASS SQUARE FOOT FORMULA	
For Entire Unit	VW * VH / 144 * 3

CLEAR OPENING FORMULAS		
HINGE TYPE	WIDTH	HEIGHT
Standard Hardware	WW / 3 - 11.792	WH - 5.25
Clear Opening Hardware	WW / 3 - 7.104	WH - 5.25

Clear opening hardware is not available for widths >= 88" with heights >= 66 1/2"
Clear opening hardware is not available for any width greater than 94"

CLEAR OPENING SIZE REFERENCE CHART																						
		ACTUAL WINDOW WIDTH																				
		52.5	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	108	
ACTUAL WINDOW HEIGHT	23																					
	25																					
	27																					
	29																					
	31																					
	33																					
	35																					
	37																					
	39																					
	41															2					1	1
	43														2	2				1	1	1
	45													2	2	2				1	1	1
	47											2	2	2	2	2			1	1	1	1
	49											2	2	2	2	2			1	1	1	1
	51											2	2	2	2	2			1	1	1	1
	53											2	2	2	2	2			1	1	1	1
	55											2	2	2	2	2			1	1	1	1
	57											2	2	2	2	2			1	1	1	1
	59											2	2	2	2	2			1	1	1	1
	61											2	2	2	2	2			1	1	1	1
	63											2	2	2	2	2			1	1	1	1
65											2	2	2	2	2			1	1	1	1	
67											2	2						1	1	1	1	
69											2	2						1	1	1	1	
71											2	2						1	1	1	1	
72											2	2						1	1	1	1	

1 Denotes that a window meets or exceeds clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24" with standard hardware.
2 Denotes that a window meets or exceeds clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24" with clear opening hardware.
For other sizes please refer to formulas above.



Custom Sizes for V3 Series Quad Casement Windows with Insert Frame

FORMERLY 70 SERIES CASEMENT/AWNING WINDOW - REPLACEMENT/BLOCK FRAME
QUAD VENT CASEMENT - MODEL 70RCW4 - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	70	108
Window Height (WH)	23	72
United Inch (UI)	93	180

Window can be ordered in 1/8" increments.

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening	$MROUND (MROUND ((WW / 4 - 1.393), 1/16) - 3.75, 1/16)$	$MROUND (MROUND ((WH - 2), 1/16) - 3.75, 1/16)$

VISIBLE GLASS FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Opening	$GW - 1.125$	$GH - 1.125$

VISIBLE GLASS SQUARE FOOT FORMULA	
For Entire Unit	$VW * VH / 144 * 4$

This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24"..



Custom Sizes for V3 Series Picture with Flanking Casement Windows with Insert Frame

FORMERLY 70 SERIES CASEMENT/AWNING WINDOW - REPLACEMENT/BLOCK FRAME
CASEMENT/PICTURE/CASEMENT - MODEL 70RCPC3 - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	70	108
Window Height (WH)	23	72
United Inch (UI)	93	180

Window can be ordered in 1/8" increments.

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening - Flanker	MROUND (MROUND (FLANKER WIDTH - 1.438, 1/16) - 3.75, 1/16))	MROUND (MROUND ((WH - 2), 1/16) - 3.75, 1/16)
Per Opening - Center	MROUND (MROUND (CENTER WIDTH - 1.626, 1/16) - 3.75, 1/16))	MROUND (MROUND ((WH - 2), 1/16) - 3.75, 1/16)

VISIBLE GLASS FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Opening - Flanker	GW - 1.125	GH - 1.125
Per Opening - Center	GW - 1.125	GH - 1.125

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

This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".

Custom Sizes for V3 Series Awning Windows with Insert Frame

FORMERLY 70 SERIES CASEMENT/AWNING WINDOW - REPLACEMENT/BLOCK FRAME
SINGLE VENT AWNING - MODEL 70RAW1 - CUSTOM WINDOW SIZES



ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	17 1/2	48
Window Height (WH)	15	36
United Inch (UI)	32 1/2	84

Window can be ordered in 1/8" increments.

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening	MROUND (MROUND ((WW - 2.062), 1/16) - 3.75, 1/16)	MROUND (MROUND ((WH - 2.062), 1/16) - 3.75, 1/16)

VISIBLE GLASS FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Opening	GW - 1.125	GH - 1.125

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

This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".

Custom Sizes for V3 Twin Awning Windows with Insert Frame

FORMERLY 70 SERIES CASEMENT/AWNING WINDOW - REPLACEMENT/BLOCK FRAME
TWIN VENT HORIZONTAL AWNING - MODEL 70RAW2 - CUSTOM WINDOW SIZES



ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	35 1/2	96
Window Height (WH)	15	36
United Inch (UI)	50 1/2	132

Window can be ordered in 1/8" increments.

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening	MROUND (MROUND ((WW / 2 - 1.6875), 1/16) - 3.75, 1/16)	MROUND (MROUND ((WH - 2.062), 1/16) - 3.75, 1/16)

VISIBLE GLASS FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Opening	GW - 1.125	GH - 1.125

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

This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".

Custom Sizes for V3 Series Triple Awning Windows with Insert Frame

FORMERLY 70 SERIES CASEMENT/AWNING WINDOW - REPLACEMENT/BLOCK FRAME
TRIPLE VENT HORIZONTAL AWNING - MODEL 70RAW3 - CUSTOM WINDOW SIZES



ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	54	108
Window Height (WH)	15	36
United Inch (UI)	69	144

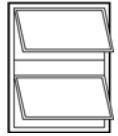
Window can be ordered in 1/8" increments.

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening	MROUND (MROUND ((WW / 3 - 1.562), 1/16) - 3.75, 1/16)	MROUND (MROUND ((WH - 2.062), 1/16) - 3.75, 1/16)

VISIBLE GLASS FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Opening	GW - 1.125	GH - 1.125

VISIBLE GLASS SQUARE FOOT FORMULA	
For Entire Unit	VW * VH / 144 * 3

This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".



Custom Sizes for V3 Series Twin Stacked Awning Windows with Insert Frame

FORMERLY 70 SERIES CASEMENT/AWNING WINDOW - REPLACEMENT/BLOCK FRAME
TWIN VENT VERTICAL AWNING - MODEL 70RAW2V - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	17 1/2	48
Window Height (WH)	30	72
United Inch (UI)	47 1/2	120

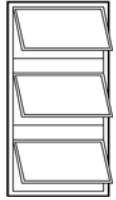
Window can be ordered in 1/8" increments.

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening	MROUND (MROUND ((WW - 2.0625), 1/16) - 3.75, 1/16)	MROUND (MROUND ((WH / 2 - 1.625), 1/16) - 3.75, 1/16)

VISIBLE GLASS FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Opening	GW - 1.125	GH - 1.125

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

This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".



Custom Sizes for V3 Series Triple Stacked Awning Windows with Insert Frame

FORMERLY 70 SERIES CASEMENT/AWNING WINDOW - REPLACEMENT/BLOCK FRAME
TRIPLE VENT VERTICAL AWNING - MODEL 70RAW3V - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	17 1/2	48
Window Height (WH)	45	108
United Inch (UI)	62 1/2	156

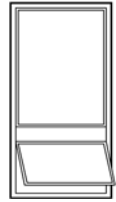
Window can be ordered in 1/8" increments.

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening	MROUND (MROUND ((WW - 2.062), 1/16) - 3.75, 1/16)	MROUND (MROUND ((WH / 3 - 1.562), 1/16) - 3.75, 1/16)

VISIBLE GLASS FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Opening	GW - 1.125	GH - 1.125

VISIBLE GLASS SQUARE FOOT FORMULA	
For Entire Unit	VW * VH / 144 *3

This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".



Custom Sizes for V3 Series Picture Over Awning Windows with Insert Frame

FORMERLY 70 SERIES CASEMENT/AWNING WINDOW - REPLACEMENT/BLOCK FRAME
2/3 FIXED OVER 1/3 VENT AWNING - MODEL 70RPW1AW1V - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	17 1/2	48
Window Height (WH)	45	96
United Inch (UI)	62 1/2	144

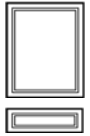
Window can be ordered in 1/8" increments.

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening - Stationary	$MROUND (MROUND ((WW - 2.062), 1/16) - 3.75, 1/16)$	$MROUND (MROUND ((WH * 2 / 3 - 1.688), 1/16) - 3.7505, 1/16)$
Per Opening - Awning	$MROUND (MROUND ((WW - 2.062), 1/16) - 3.75, 1/16)$	$MROUND (MROUND ((WH / 3 - 1.688), 1/16) - 3.7505, 1/16)$

VISIBLE GLASS FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Vent - Stationary	$GW - 1.125$	$GH - 1.125$
Per Vent - Awning	$GW - 1.125$	$GH - 1.125$

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

This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".



Custom Sizes for V3 Series Casement/Awning Picture/Transom Windows with Insert Frame

FORMERLY 70 SERIES CASEMENT/AWNING WINDOW - REPLACEMENT/BLOCK FRAME
SINGLE TRANSOM/PICTURE - MODEL 70RCPW1 - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	12	96
Window Height (WH)	12	96
United Inch (UI)	27	144

Window can be ordered in 1/8" increments.

ACTUAL WINDOW HEIGHT	ACTUAL WINDOW WIDTH			
	12 - 54	54 1/8 - 72	72 1/8 - 80	80 1/8 - 96
12 - 56				
56 1/8 - 74				
74 1/8 - 82				
82 1/8 - 96	SIZES NOT AVAILABLE			

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening	MROUND (WW - 3.25, 1/16)	MROUND (WH - 3.25, 1/16)

VISIBLE GLASS FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Opening	GW - 1.125	GH - 1.125

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

This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".

Custom Sizes for V3 Series Casement/Awning Half Circle Windows with Insert Frame

FORMERLY 70 SERIES CASEMENT/AWNING WINDOW - REPLACEMENT/BLOCK FRAME
HALF CIRCLE - MODEL 70RCHC - CUSTOM WINDOW SIZES



ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	23 1/2	72
Window Height (WH)	11 3/4	36
United Inch (UI)	35 1/4	108

Window can be ordered in 1/8" increments.

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening	$MROUND(WW - 2 * 1.625 / (1.625 / (WH - SQRT(WH * WH - 2 * WH * 1.625))), 1/16)$	$MROUND(WH - 2 * 1.625, 1/16)$

VISIBLE GLASS SIZE FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Opening	$GW - 1.125$	$GH - 1.125$

VISIBLE GLASS SQUARE FOOT FORMULA	
For Entire Unit	$0.5 * 3.1416 * (VW / 2) ^ 2 / 144$

This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".



Custom Sizes for V3 Series Casement/Awning Octagon Windows with Insert Frame

FORMERLY 70 SERIES CASEMENT/AWNING WINDOW - REPLACEMENT/BLOCK FRAME
OCTAGON - MODEL 70RCOC - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	24	37 1/2
Window Height (WH)	24	37 1/2
United Inch (UI)	48	75

Window can be ordered in 1/8" increments.

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening	MROUND (WW - 3.25, 1/16)	MROUND (WW - 3.25, 1/16)

VISIBLE GLASS SIZE FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Opening	GW - 1.125	GH - 1.125

VISIBLE GLASS SQUARE FOOT FORMULA	
For Entire Unit	$0.828 * VW * VH / 144$

This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".



Custom Sizes for V3 Series Casement/Awning Trapezoid Windows with Insert Frame
FORMERLY 70 SERIES CASEMENT/AWNING WINDOW - REPLACEMENT/BLOCK FRAME
TRAPEZOID - MODEL 70RCTZ - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	10	96
Long Leg Height (WLH)	11 1/4	96
Short Leg Height (WSH)	6	96

Window can be ordered in 1/16" increments.



ACTUAL WINDOW HEIGHT	ACTUAL WINDOW WIDTH			
	10 - 54	54 1/8 - 72	72 1/8 - 80	80 1/8 - 96
11 1/4 - 54				
54 1/8 - 72				
72 1/8 - 80				
80 1/8 - 96		SIZES NOT AVAILABLE		

ACTUAL GLASS SIZE FORMULAS			
	WIDTH (GW)	SHORT LEG HEIGHT (GSH)	LONG LEG HEIGHT (GLH)
Per Opening	Call Customer Service	Call Customer Service	Call Customer Service

VISIBLE GLASS SIZE FORMULAS			
	WIDTH (VW)	SHORT LEG HEIGHT (VSH)	LONG LEG HEIGHT (VLH)
Per Opening	GW - 1.125	GSH - 1.125	GLH - 1.125

VISIBLE GLASS SQUARE FOOT FORMULA	
For Entire Unit	$(VSH + VLH) * VW / 288$

This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".

Custom Sizes for V3 Series Casement/Awning Arch/Eyebrow Windows with Insert Frame

FORMERLY 70 SERIES CASEMENT/AWNING WINDOW - REPLACEMENT/BLOCK FRAME
ARCH TOP/EYEBROW - MODEL 70RCAT - CUSTOM WINDOW SIZES



ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	24	96
Window Height (WH)	11 1/2	96
Window Shoulder (WS)	5 7/8	90
United Inch (UI)	35 1/2	192

Window can be ordered in 1/16" increments.

ACTUAL WINDOW HEIGHT	ACTUAL WINDOW WIDTH			
	24 - 54	54 1/8 - 72	72 1/8 - 80	80 1/8 - 96
11 1/2 - 54				
54 1/8 - 72				
72 1/8 - 80				
80 1/8 - 96			SIZES NOT AVAILABLE	

ACTUAL GLASS SIZE FORMULAS			
	WIDTH (GW)	HEIGHT (GH)	SHOULDER HEIGHT (SH)
Per Opening	MROUND (WW - 3.25, 1/16)	MROUND (WW - 3.25, 1/16)	Call Customer Service

VISIBLE GLASS SIZE FORMULAS			
	WIDTH (VW)	HEIGHT (VH)	SHOULDER HEIGHT (VS)
Per Opening	GW - 1.125	GH - 1.125	SH - 1.125

VISIBLE GLASS SQUARE FOOT FORMULA	
For Entire Unit	Call Customer Service

This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".



Custom Sizes for V3 Series Casement/Awning Palladian Windows with Insert Frame

FORMERLY 70 SERIES CASEMENT/AWNING WINDOW - REPLACEMENT/BLOCK FRAME
PALLADIAN - MODEL 70RCSP - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	23 1/2	75
Window Height (WH)	36	96
Window Shoulder (WS)	6	90
United Inch (UI)	59 1/2	171

Window can be ordered in 1/8" increments.

ACTUAL WINDOW HEIGHT	ACTUAL WINDOW WIDTH		
	23 1/2 - 54	54 1/8 - 72	72 1/8 - 75
36 - 54			
54 1/8 - 72			
72 1/8 - 80			
80 1/8 - 96		SIZES NOT AVAILABLE	

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening	MROUND (WW - 3.25, 1/16)	MROUND (WH - 3.25, 1/16)

VISIBLE GLASS SIZE FORMULAS		
	WIDTH (VW)	HEIGHT (VH)
Per Opening	GW - 1.125	GH - 1.125

VISIBLE GLASS SQUARE FOOT FORMULA	
For Entire Unit	$(VW * (WS - 2.1875) + (3.1416 * ((MROUND (WW - 3.25, 1/16) - 0.5625) / 2) / 2) ^ 2) / 2) / 144$

This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".