Silver Line WINDOWS & DOORS

V3 SERIES

Coastal Watch Windows with Nailing Flange & J-Channel

Casement Windows
Casement 1
Casement - Custom Sizes 2

Awning Windows
Awning 3
Awning - Custom Sizes 4

Transom & Picture Windows
Transom 5
Picture 6
Transom/Picture - Custom Sizes 7

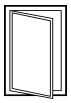
Specialty Windows
Half Circle 8
Half Circle - Custom Sizes 9
Quarter Circle 10
Quarter Circle - Custom Sizes 11
Circle 12
Circle - Custom Sizes 13
Octagon 14
Octagon - Custom Sizes 15
Trapezoid 16
Arch/Eyebrow 17
Arch/Eyebrow - Custom Sizes 19
Palladian 20
Palladian - Custom Sizes 21

Silver Line reserves the right to change product designs, specifications and details at any time without prior notification. Not all products and options are available in all areas. See your Silver Line supplier for more information.
© 2018, Ply Gem. All rights reserved.

COASTAL WATCH PROTECTION

Silver Line WINDOWS & DOORS

V3 SERIES



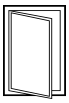
Sizes for V3 Series Coastal Watch Casement Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
SINGLE VENT CASEMENT - MODEL 70NCW1IMP - STANDARD WINDOW SIZES

ACTUAL WINDOW SIZE (FRAME TTT)			EXTERIOR WINDOW DIMENSION INCL "J" CHANNEL			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		WIDTH		HEIGHT	
17 1/2	x	24 1/8	19 1/8	x	25 3/4	18	x	24 5/8	5 5/16	x	18 7/8	0.70	10 5/8	x	17 1/4	1.27
17 1/2	x	28 3/8	19 1/8	x	30	18	x	28 7/8	5 5/16	x	23 1/8	0.85	10 5/8	x	21 1/2	1.59
17 1/2	x	35 15/16	19 1/8	x	37 9/16	18	x	36 7/16	5 5/16	x	30 11/16	1.13	10 5/8	x	29 1/16	2.14
17 1/2	x	40 13/16	19 1/8	x	42 7/16	18	x	41 5/16	5 5/16	x	35 9/16	1.31	10 5/8	x	33 15/16	2.50
17 1/2	x	48	19 1/8	x	49 5/8	18	x	48 1/2	5 5/16	x	42 3/4	1.58	10 5/8	x	41 1/8	3.03
17 1/2	x	52 13/16	19 1/8	x	54 7/16	18	x	53 5/16	5 5/16	x	47 9/16	1.75	10 5/8	x	45 15/16	3.39
17 1/2	x	59 7/8	19 1/8	x	61 1/2	18	x	60 3/8	5 5/16	x	54 5/8	2.02	10 5/8	x	53	3.91
17 1/2	x	64 13/16	19 1/8	x	66 7/16	18	x	65 5/16	5 5/16	x	59 9/16	2.20	10 5/8	x	57 15/16	4.27
17 1/2	x	71 7/8	19 1/8	x	73 1/2	18	x	72 3/8	5 5/16	x	66 5/8	2.46	10 5/8	x	65	4.80
20 1/2	x	24 1/8	22 1/8	x	25 3/4	21	x	24 5/8	8 5/16	x	18 7/8	1.09	13 5/8	x	17 1/4	1.63
20 1/2	x	28 3/8	22 1/8	x	30	21	x	28 7/8	8 5/16	x	23 1/8	1.33	13 5/8	x	21 1/2	2.03
20 1/2	x	35 15/16	22 1/8	x	37 9/16	21	x	36 7/16	8 5/16	x	30 11/16	1.77	13 5/8	x	29 1/16	2.75
20 1/2	x	40 13/16	22 1/8	x	42 7/16	21	x	41 5/16	8 5/16	x	35 9/16	2.05	13 5/8	x	33 15/16	3.21
20 1/2	x	48	22 1/8	x	49 5/8	21	x	48 1/2	8 5/16	x	42 3/4	2.47	13 5/8	x	41 1/8	3.89
20 1/2	x	52 13/16	22 1/8	x	54 7/16	21	x	53 5/16	8 5/16	x	47 9/16	2.75	13 5/8	x	45 15/16	4.35
20 1/2	x	59 7/8	22 1/8	x	61 1/2	21	x	60 3/8	8 5/16	x	54 5/8	3.15	13 5/8	x	53	5.01
20 1/2	x	64 13/16	22 1/8	x	66 7/16	21	x	65 5/16	8 5/16	x	59 9/16	3.44	13 5/8	x	57 15/16	5.48
20 1/2	x	71 7/8	22 1/8	x	73 1/2	21	x	72 3/8	8 5/16	x	66 5/8	3.85	13 5/8	x	65	6.15
24 1/8	x	24 1/8	25 3/4	x	25 3/4	24 5/8	x	24 5/8	11 15/16	x	18 7/8	1.56	17 1/4	x	17 1/4	2.07
24 1/8	x	28 3/8	25 3/4	x	30	24 5/8	x	28 7/8	11 15/16	x	23 1/8	1.92	17 1/4	x	21 1/2	2.58
24 1/8	x	35 15/16	25 3/4	x	37 9/16	24 5/8	x	36 7/16	11 15/16	x	30 11/16	2.54	17 1/4	x	29 1/16	3.48
24 1/8	x	40 13/16	25 3/4	x	42 7/16	24 5/8	x	41 5/16	11 15/16	x	35 9/16	2.95	17 1/4	x	33 15/16	4.07
24 1/8	x	48	25 3/4	x	49 5/8	24 5/8	x	48 1/2	11 15/16	x	42 3/4	3.54	17 1/4	x	41 1/8	4.93
24 1/8	x	52 13/16	25 3/4	x	54 7/16	24 5/8	x	53 5/16	11 15/16	x	47 9/16	3.94	17 1/4	x	45 15/16	5.50
24 1/8	x	59 7/8	25 3/4	x	61 1/2	24 5/8	x	60 3/8	11 15/16	x	54 5/8	4.53	17 1/4	x	53	6.35
24 1/8	x	64 13/16	25 3/4	x	66 7/16	24 5/8	x	65 5/16	11 15/16	x	59 9/16	4.94	17 1/4	x	57 15/16	6.94
24 1/8	x	71 7/8	25 3/4	x	73 1/2	24 5/8	x	72 3/8	11 15/16	x	66 5/8	5.52	17 1/4	x	65	7.79
28 3/8	x	24 1/8	30	x	25 3/4	28 7/8	x	24 5/8	16 3/16	x	18 7/8	2.12	21 1/2	x	17 1/4	2.58
28 3/8	x	28 3/8	30	x	30	28 7/8	x	28 7/8	16 3/16	x	23 1/8	2.60	21 1/2	x	21 1/2	3.21
28 3/8	x	35 15/16	30	x	37 9/16	28 7/8	x	36 7/16	16 3/16	x	30 11/16	3.45	21 1/2	x	29 1/16	4.34
28 3/8	x	40 13/16	30	x	42 7/16	28 7/8	x	41 5/16	16 3/16	x	35 9/16	4.00	21 1/2	x	33 15/16	5.07
28 3/8	x	48	30	x	49 5/8	28 7/8	x	48 1/2	16 3/16	x	42 3/4	4.81	21 1/2	x	41 1/8	6.14
28 3/8	x	52 13/16	30	x	54 7/16	28 7/8	x	53 5/16	16 3/16	x	47 9/16	5.35	21 1/2	x	45 15/16	6.86
28 3/8	x	59 7/8	30	x	61 1/2	28 7/8	x	60 3/8	16 3/16	x	54 5/8	6.14	21 1/2	x	53	7.91
28 3/8	x	64 13/16	30	x	66 7/16	28 7/8	x	65 5/16	16 3/16	x	59 9/16	6.70	21 1/2	x	57 15/16	8.65
28 3/8	x	71 7/8	30	x	73 1/2	28 7/8	x	72 3/8	16 3/16	x	66 5/8	7.49	21 1/2	x	65	9.70
31 1/2	x	28 3/8	33 1/8	x	30	32	x	28 7/8	19 5/16	x	23 1/8	3.10	24 5/8	x	21 1/2	3.68
31 1/2	x	35 15/16	33 1/8	x	37 9/16	32	x	36 7/16	19 5/16	x	30 11/16	4.12	24 5/8	x	29 1/16	4.97
31 1/2	x	40 13/16	33 1/8	x	42 7/16	32	x	41 5/16	19 5/16	x	35 9/16	4.77	24 5/8	x	33 15/16	5.80
31 1/2	x	48	33 1/8	x	49 5/8	32	x	48 1/2	19 5/16	x	42 3/4	5.73	24 5/8	x	41 1/8	7.03
31 1/2	x	52 13/16	33 1/8	x	54 7/16	32	x	53 5/16	19 5/16	x	47 9/16	6.38	24 5/8	x	45 15/16	7.86
31 1/2	x	59 7/8	33 1/8	x	61 1/2	32	x	60 3/8	19 5/16	x	54 5/8	7.33	24 5/8	x	53	9.06
31 1/2	x	64 13/16	33 1/8	x	66 7/16	32	x	65 5/16	19 5/16	x	59 9/16	7.99	24 5/8	x	57 15/16	9.91
31 1/2	x	71 7/8	33 1/8	x	73 1/2	32	x	72 3/8	19 5/16	x	66 5/8	8.94	24 5/8	x	65	11.12
35 15/16	x	35 15/16	37 9/16	x	37 9/16	36 7/16	x	36 7/16	23 3/4	x	30 11/16	5.06	29 1/16	x	29 1/16	5.87
35 15/16	**x**	**40 13/16**	37 9/16	x	42 7/16	36 7/16	x	41 5/16	23 3/4	x	35 9/16	**5.87**	29 1/16	x	33 15/16	6.85
35 15/16	**x**	**48**	37 9/16	x	49 5/8	36 7/16	x	48 1/2	23 3/4	x	42 3/4	**7.05**	29 1/16	x	41 1/8	8.30
35 15/16	**x**	**52 13/16**	37 9/16	x	54 7/16	36 7/16	x	53 5/16	23 3/4	x	47 9/16	**7.84**	29 1/16	x	45 15/16	9.27
35 15/16	**x**	**59 7/8**	37 9/16	x	61 1/2	36 7/16	x	60 3/8	23 3/4	x	54 5/8	**9.01**	29 1/16	x	53	10.70
35 15/16	**x**	**64 13/16**	37 9/16	x	66 7/16	36 7/16	x	65 5/16	23 3/4	x	59 9/16	**9.82**	29 1/16	x	57 15/16	11.69
35 15/16	**x**	**71 7/8**	37 9/16	x	73 1/2	36 7/16	x	72 3/8	23 3/4	x	66 5/8	**10.99**	29 1/16	x	65	13.12

Clear Opening and 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 1 1/8" to the Visible Glass Width and add 1 1/8" to the Visible Glass Height.
* Rough opening sizes shown are for frame construction. Consult a Silver Line dealer for other rough opening size information, such as with masonry or block applications. ^
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".
See following page for custom window sizes.

COASTAL WATCH PROTECTION



Custom Sizes for V3 Series Coastal Watch Casement Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
SINGLE VENT CASEMENT - MODEL 70NCW1IMP - 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 1/16" 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

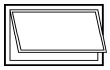
Clear opening hardware is not available.

CLEAR OPENING SIZE REFERENCE CHART

ACTUAL WINDOW HEIGHT \ ACTUAL WINDOW WIDTH	17.5	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
23																			
25																			
27																			
29																			
31																			
33																			
35																			
37																			
39																			
41																			1
43																	1	1	1
45																1	1	1	1
47																1	1	1	1
49																1	1	1	1
51																1	1	1	1
53																1	1	1	1
55																1	1	1	1
57																1	1	1	1
59																1	1	1	1
61																1	1	1	1
63																1	1	1	1
65																1	1	1	1
67																1	1	1	1
69																1	1	1	1
71																1	1	1	1
72																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".
For other sizes please refer to formulas above.

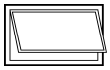
Sizes for V3 Series Coastal Watch Awning Windows with Nailing Flange & Optional J-Channel



FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
SINGLE VENT AWNING - MODEL 70NAW1IMP - STANDARD WINDOW SIZES

ACTUAL WINDOW SIZE (FRAME TTT)			EXTERIOR WINDOW DIMENSION INCL "J" CHANNEL			ROUGH OPENING SIZE*			VISIBLE GLASS PER OPENING			TOTAL VISIBLE GLASS
WIDTH		HEIGHT	WIDTH		HEIGHT	WIDTH		HEIGHT	WIDTH		HEIGHT	SQ. FT.
24 1/8	x	17	25 3/4	x	18 5/8	24 5/8	x	17 1/2	17 3/16	x	10 1/16	1.20
24 1/8	x	20 1/2	25 3/4	x	22 1/8	24 5/8	x	21	17 3/16	x	13 9/16	1.62
24 1/8	x	24 1/8	25 3/4	x	25 3/4	24 5/8	x	24 5/8	17 3/16	x	17 3/16	2.05
24 1/8	x	28 3/8	25 3/4	x	30	24 5/8	x	28 7/8	17 3/16	x	21 7/16	2.56
28 3/8	x	17	30	x	18 5/8	28 7/8	x	17 1/2	21 7/16	x	10 1/16	1.50
28 3/8	x	20 1/2	30	x	22 1/8	28 7/8	x	21	21 7/16	x	13 9/16	2.02
28 3/8	x	24 1/8	30	x	25 3/4	28 7/8	x	24 5/8	21 7/16	x	17 3/16	2.56
28 3/8	x	28 3/8	30	x	30	28 7/8	x	28 7/8	21 7/16	x	21 7/16	3.19
28 3/8	x	31 1/2	30	x	33 1/8	28 7/8	x	32	21 7/16	x	24 9/16	3.66
31 1/2	x	17	33 1/8	x	18 5/8	32	x	17 1/2	24 9/16	x	10 1/16	1.72
31 1/2	x	20 1/2	33 1/8	x	22 1/8	32	x	21	24 9/16	x	13 9/16	2.31
31 1/2	x	24 1/8	33 1/8	x	25 3/4	32	x	24 5/8	24 9/16	x	17 3/16	2.93
31 1/2	x	28 3/8	33 1/8	x	30	32	x	28 7/8	24 9/16	x	21 7/16	3.66
31 1/2	x	31 1/2	33 1/8	x	33 1/8	32	x	32	24 9/16	x	24 9/16	4.19
31 1/2	x	35 15/16	33 1/8	x	37 9/16	32	x	36 7/16	24 9/16	x	29	4.95
35 15/16	x	17	37 9/16	x	18 5/8	36 7/16	x	17 1/2	29	x	10 1/16	2.03
35 15/16	x	20 1/2	37 9/16	x	22 1/8	36 7/16	x	21	29	x	13 9/16	2.73
35 15/16	x	24 1/8	37 9/16	x	25 3/4	36 7/16	x	24 5/8	29	x	17 3/16	3.46
35 15/16	x	28 3/8	37 9/16	x	30	36 7/16	x	28 7/8	29	x	21 7/16	4.32
35 15/16	x	31 1/2	37 9/16	x	33 1/8	36 7/16	x	32	29	x	24 9/16	4.95
35 15/16	x	35 15/16	37 9/16	x	37 9/16	36 7/16	x	36 7/16	29	x	29	5.84
40 3/4	x	17	42 3/8	x	18 5/8	41 1/4	x	17 1/2	33 13/16	x	10 1/16	2.36
40 3/4	x	20 1/2	42 3/8	x	22 1/8	41 1/4	x	21	33 13/16	x	13 9/16	3.18
40 3/4	x	24 1/8	42 3/8	x	25 3/4	41 1/4	x	24 5/8	33 13/16	x	17 3/16	4.04
40 3/4	x	28 3/8	42 3/8	x	30	41 1/4	x	28 7/8	33 13/16	x	21 7/16	5.03
40 3/4	x	31 1/2	42 3/8	x	33 1/8	41 1/4	x	32	33 13/16	x	24 9/16	5.77
40 3/4	x	35 15/16	42 3/8	x	37 9/16	41 1/4	x	36 7/16	33 13/16	x	29	6.81
48	x	17	49 5/8	x	18 5/8	48 1/2	x	17 1/2	41 1/16	x	10 1/16	2.87
48	x	20 1/2	49 5/8	x	22 1/8	48 1/2	x	21	41 1/16	x	13 9/16	3.87
48	x	24 1/8	49 5/8	x	25 3/4	48 1/2	x	24 5/8	41 1/16	x	17 3/16	4.90
48	x	28 3/8	49 5/8	x	30	48 1/2	x	28 7/8	41 1/16	x	21 7/16	6.11
48	x	31 1/2	49 5/8	x	33 1/8	48 1/2	x	32	41 1/16	x	24 9/16	7.00
48	x	35 15/16	49 5/8	x	37 9/16	48 1/2	x	36 7/16	41 1/16	x	29	8.27

Clear Opening and 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 1 1/8" to the Visible Glass Width and add 1 1/8" to the Visible Glass Height.
* Rough opening sizes shown are for frame construction. Consult a Silver Line dealer for other rough opening size information, such as with masonry or block applications.
This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".
See following page for custom window sizes.



Custom Sizes for V3 Series Coastal Watch Awning Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
SINGLE VENT AWNING - MODEL 70NAW1IMP - 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 1/16" 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".

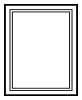
Sizes for V3 Series Coastal Watch Casement/Awning Transom Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
SINGLE TRANSOM/PICTURE - MODEL 70NCPW1IMP - STANDARD WINDOW SIZES

ALIGNS OVER CASEMENT, AWNING & PICTURE

ACTUAL WINDOW SIZE (FRAME TTT)			EXTERIOR WINDOW DIMENSION INCL "J" CHANNEL			ROUGH OPENING SIZE*			VISIBLE GLASS PER OPENING			TOTAL VISIBLE GLASS
WIDTH		HEIGHT	WIDTH		HEIGHT	WIDTH		HEIGHT	WIDTH		HEIGHT	SQ. FT.
17 1/2	x	12	19 1/8	x	13 5/8	18	x	12 1/2	13 1/4	x	7 3/4	0.71
20 1/2	x	12	22 1/8	x	13 5/8	21	x	12 1/2	16 1/4	x	7 3/4	0.87
24 1/8	x	12	25 3/4	x	13 5/8	24 5/8	x	12 1/2	19 7/8	x	7 3/4	1.07
28 3/8	x	12	30	x	13 5/8	28 7/8	x	12 1/2	24 1/8	x	7 3/4	1.30
31 1/2	x	12	33 1/8	x	13 5/8	32	x	12 1/2	27 1/4	x	7 3/4	1.47
35 15/16	x	12	37 9/16	x	13 5/8	36 7/16	x	12 1/2	31 11/16	x	7 3/4	1.71
40 3/4	x	12	42 3/8	x	13 5/8	41 1/4	x	12 1/2	36 1/2	x	7 3/4	1.96
48	x	12	49 5/8	x	13 5/8	48 1/2	x	12 1/2	43 3/4	x	7 3/4	2.35
52 13/16	x	12	54 7/16	x	13 5/8	53 5/16	x	12 1/2	48 9/16	x	7 3/4	2.61
56 1/2	x	12	58 1/8	x	13 5/8	57	x	12 1/2	52 1/4	x	7 3/4	2.81
59 7/8	x	12	61 1/2	x	13 5/8	60 3/8	x	12 1/2	55 5/8	x	7 3/4	2.99
61	x	12	62 5/8	x	13 5/8	61 1/2	x	12 1/2	56 3/4	x	7 3/4	3.05
62 3/4	x	12	64 3/8	x	13 5/8	63 1/4	x	12 1/2	58 1/2	x	7 3/4	3.15
64 13/16	x	12	66 7/16	x	13 5/8	65 5/16	x	12 1/2	60 9/16	x	7 3/4	3.26
71 5/8	x	12	73 1/4	x	13 5/8	72 1/8	x	12 1/2	67 3/8	x	7 3/4	3.63
71 7/8	x	12	73 1/2	x	13 5/8	72 3/8	x	12 1/2	67 5/8	x	7 3/4	3.64
24 1/8	x	24 1/8	25 3/4	x	25 3/4	24 5/8	x	24 5/8	19 7/8	x	19 7/8	2.74
28 3/8	x	24 1/8	30	x	25 3/4	28 7/8	x	24 5/8	24 1/8	x	19 7/8	3.33

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 1" to the Visible Glass Width and add 1" to the Visible Glass Height.
* Rough opening sizes shown are for frame construction. Consult a Silver Line dealer for other rough opening size information, such as with masonry or block applications.
This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".
See the following page for additional single picture sizes.
See page following next for custom window sizes.



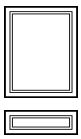
Sizes for V3 Series Coastal Watch Casement/Awning Picture Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
SINGLE PICTURE - MODEL 70NCPW1IMP - STANDARD WINDOW SIZES

ALIGNS OVER CASEMENT, AWNING & PICTURE

ACTUAL WINDOW SIZE (FRAME TTT)			EXTERIOR WINDOW DIMENSION INCL "J" CHANNEL			ROUGH OPENING SIZE*			VISIBLE GLASS PER OPENING			TOTAL VISIBLE GLASS
WIDTH		HEIGHT	WIDTH		HEIGHT	WIDTH		HEIGHT	WIDTH		HEIGHT	SQ. FT.
35 15/16	x	35 15/16	37 9/16	x	37 9/16	36 7/16	x	36 7/16	31 11/16	x	31 11/16	6.97
35 15/16	x	40 13/16	37 9/16	x	42 7/16	36 7/16	x	41 5/16	31 11/16	x	36 9/16	8.05
35 15/16	x	48	37 9/16	x	49 5/8	36 7/16	x	48 1/2	31 11/16	x	43 3/4	9.63
35 15/16	x	52 13/16	37 9/16	x	54 7/16	36 7/16	x	53 5/16	31 11/16	x	48 9/16	10.69
35 15/16	x	59 7/8	37 9/16	x	61 1/2	36 7/16	x	60 3/8	31 11/16	x	55 5/8	12.24
35 15/16	x	64 13/16	37 9/16	x	66 7/16	36 7/16	x	65 5/16	31 11/16	x	60 9/16	13.33
35 15/16	x	71 7/8	37 9/16	x	73 1/2	36 7/16	x	72 3/8	31 11/16	x	67 5/8	14.88
40 3/4	x	35 15/16	42 3/8	x	37 9/16	41 1/4	x	36 7/16	36 1/2	x	31 11/16	8.03
40 3/4	x	40 13/16	42 3/8	x	42 7/16	41 1/4	x	41 5/16	36 1/2	x	36 9/16	9.27
40 3/4	x	48	42 3/8	x	49 5/8	41 1/4	x	48 1/2	36 1/2	x	43 3/4	11.09
40 3/4	x	52 13/16	42 3/8	x	54 7/16	41 1/4	x	53 5/16	36 1/2	x	48 9/16	12.31
40 3/4	x	59 7/8	42 3/8	x	61 1/2	41 1/4	x	60 3/8	36 1/2	x	55 5/8	14.10
40 3/4	x	64 13/16	42 3/8	x	66 7/16	41 1/4	x	65 5/16	36 1/2	x	60 9/16	15.35
40 3/4	x	71 7/8	42 3/8	x	73 1/2	41 1/4	x	72 3/8	36 1/2	x	67 5/8	17.14
48	x	35 15/16	49 5/8	x	37 9/16	48 1/2	x	36 7/16	43 3/4	x	31 11/16	9.63
48	x	40 13/16	49 5/8	x	42 7/16	48 1/2	x	41 5/16	43 3/4	x	36 9/16	11.11
48	x	48	49 5/8	x	49 5/8	48 1/2	x	48 1/2	43 3/4	x	43 3/4	13.29
48	x	52 13/16	49 5/8	x	54 7/16	48 1/2	x	53 5/16	43 3/4	x	48 9/16	14.75
48	x	59 7/8	49 5/8	x	61 1/2	48 1/2	x	60 3/8	43 3/4	x	55 5/8	16.90
48	x	64 13/16	49 5/8	x	66 7/16	48 1/2	x	65 5/16	43 3/4	x	60 9/16	18.40
48	x	71 7/8	49 5/8	x	73 1/2	48 1/2	x	72 3/8	43 3/4	x	67 5/8	20.55
52 13/16	x	35 15/16	54 7/16	x	37 9/16	53 5/16	x	36 7/16	48 9/16	x	31 11/16	10.69
52 13/16	x	40 13/16	54 7/16	x	42 7/16	53 5/16	x	41 5/16	48 9/16	x	36 9/16	12.33
52 13/16	x	48	54 7/16	x	49 5/8	53 5/16	x	48 1/2	48 9/16	x	43 3/4	14.75
52 13/16	x	52 13/16	54 7/16	x	54 7/16	53 5/16	x	53 5/16	48 9/16	x	48 9/16	16.38
52 13/16	x	59 7/8	54 7/16	x	61 1/2	53 5/16	x	60 3/8	48 9/16	x	55 5/8	18.76
52 13/16	x	64 13/16	54 7/16	x	66 7/16	53 5/16	x	65 5/16	48 9/16	x	60 9/16	20.42
52 13/16	x	71 7/8	54 7/16	x	73 1/2	53 5/16	x	72 3/8	48 9/16	x	67 5/8	22.81
59 7/8	x	35 15/16	61 1/2	x	37 9/16	60 3/8	x	36 7/16	55 5/8	x	31 11/16	12.24
59 7/8	x	40 13/16	61 1/2	x	42 7/16	60 3/8	x	41 5/16	55 5/8	x	36 9/16	14.12
59 7/8	x	48	61 1/2	x	49 5/8	60 3/8	x	48 1/2	55 5/8	x	43 3/4	16.90
59 7/8	x	52 13/16	61 1/2	x	54 7/16	60 3/8	x	53 5/16	55 5/8	x	48 9/16	18.76
59 7/8	x	59 7/8	61 1/2	x	61 1/2	60 3/8	x	60 3/8	55 5/8	x	55 5/8	21.49
59 7/8	x	64 13/16	61 1/2	x	66 7/16	60 3/8	x	65 5/16	55 5/8	x	60 9/16	23.39
59 7/8	x	71 7/8	61 1/2	x	73 1/2	60 3/8	x	72 3/8	55 5/8	x	67 5/8	26.12
64 13/16	x	35 15/16	66 7/16	x	37 9/16	65 5/16	x	36 7/16	60 9/16	x	31 11/16	13.33
64 13/16	x	40 13/16	66 7/16	x	42 7/16	65 5/16	x	41 5/16	60 9/16	x	36 9/16	15.38
64 13/16	x	48	66 7/16	x	49 5/8	65 5/16	x	48 1/2	60 9/16	x	43 3/4	18.40
64 13/16	x	52 13/16	66 7/16	x	54 7/16	65 5/16	x	53 5/16	60 9/16	x	48 9/16	20.42
64 13/16	x	59 7/8	66 7/16	x	61 1/2	65 5/16	x	60 3/8	60 9/16	x	55 5/8	23.39
71 7/8	x	35 15/16	73 1/2	x	37 9/16	72 3/8	x	36 7/16	67 5/8	x	31 11/16	14.88
71 7/8	x	40 13/16	73 1/2	x	42 7/16	72 3/8	x	41 5/16	67 5/8	x	36 9/16	17.17
71 7/8	x	48	73 1/2	x	49 5/8	72 3/8	x	48 1/2	67 5/8	x	43 3/4	20.55
71 7/8	x	52 13/16	73 1/2	x	54 7/16	72 3/8	x	53 5/16	67 5/8	x	48 9/16	22.81
71 7/8	x	59 7/8	73 1/2	x	61 1/2	72 3/8	x	60 3/8	67 5/8	x	55 5/8	26.12

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 1" to the Visible Glass Width and add 1" to the Visible Glass Height.
* Rough opening sizes shown are for frame construction. Consult a Silver Line dealer for other rough opening size information, such as with masonry or block applications.
This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".
See previous page for smaller standard single picture window sizes.
See following page for custom window sizes.



Custom Sizes for V3 Series Coastal Watch Casement/Awning Picture/Transom Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
SINGLE TRANSOM/PICTURE - MODEL 70NCPW1IMP - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	12	73
Window Height (WH)	12	73
United Inch (UI)	27	126

Window can be ordered in 1/16" increments.

ACTUAL WINDOW HEIGHT	ACTUAL WINDOW WIDTH	
	12 - 53	53 1/6 - 73
12 - 53		
53 1/16 - 73		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	GH - 1

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".

Sizes for V3 Series Coastal Watch Casement/Awning Half Circle Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
HALF CIRCLE - MODEL 70NCHCIMP - STANDARD WINDOW SIZES

ALIGNS OVER CASEMENT & AWNING

ACTUAL WINDOW SIZE (FRAME TTT)			EXTERIOR WINDOW DIMENSION INCL "J" CHANNEL			ROUGH OPENING SIZE*			VISIBLE GLASS PER OPENING			TOTAL VISIBLE GLASS
WIDTH		HEIGHT	WIDTH		HEIGHT	WIDTH		HEIGHT	WIDTH		HEIGHT	SQ. FT.
24 1/8	x	12 1/16	25 3/4	x	13 11/16	24 5/8	x	12 9/16	19 1/2	x	7 11/16	0.64
28 3/8	x	14 3/16	30	x	15 13/16	28 7/8	x	14 11/16	23 13/16	x	9 13/16	1.05
31 1/2	x	15 3/4	33 1/8	x	17 3/8	32	x	16 1/4	26 15/16	x	11 3/8	1.41

ALIGNS OVER CASEMENT, AWNING & TRANSOM/PICTURE

ACTUAL WINDOW SIZE (FRAME TTT)			EXTERIOR WINDOW DIMENSION INCL "J" CHANNEL			ROUGH OPENING SIZE*			VISIBLE GLASS PER OPENING			TOTAL VISIBLE GLASS
WIDTH		HEIGHT	WIDTH		HEIGHT	WIDTH		HEIGHT	WIDTH		HEIGHT	SQ. FT.
24 1/8	x	12 1/16	25 3/4	x	13 11/16	24 5/8	x	12 9/16	19 1/2	x	7 11/16	0.64
28 3/8	x	14 3/16	30	x	15 13/16	28 7/8	x	14 11/16	23 13/16	x	9 13/16	1.05
31 1/2	x	15 3/4	33 1/8	x	17 3/8	32	x	16 1/4	26 15/16	x	11 3/8	1.41

DOES NOT ALIGN OVER ANY STANDARD SIZE

ACTUAL WINDOW SIZE (FRAME TTT)			EXTERIOR WINDOW DIMENSION INCL "J" CHANNEL			ROUGH OPENING SIZE*			VISIBLE GLASS PER OPENING			TOTAL VISIBLE GLASS
WIDTH		HEIGHT	WIDTH		HEIGHT	WIDTH		HEIGHT	WIDTH		HEIGHT	SQ. FT.
36	x	18	37 5/8	x	19 5/8	36 1/2	x	18 1/2	31 7/16	x	13 5/8	2.02

ALIGNS OVER TRANSOM/PICTURE

ACTUAL WINDOW SIZE (FRAME TTT)			EXTERIOR WINDOW DIMENSION INCL "J" CHANNEL			ROUGH OPENING SIZE*			VISIBLE GLASS PER OPENING			TOTAL VISIBLE GLASS
WIDTH		HEIGHT	WIDTH		HEIGHT	WIDTH		HEIGHT	WIDTH		HEIGHT	SQ. FT.
48	x	24	49 5/8	x	25 5/8	48 1/2	x	24 1/2	43 4/8	x	19 5/8	4.20

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 1 1/8" to the Visible Glass Width and add 1 1/8" to the Visible Glass Height.
* Rough opening sizes shown are for frame construction. Consult a Silver Line dealer for other rough opening size information, such as with masonry or block applications.
This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".
See following page for custom window sizes.

Custom Sizes for V3 Series Coastal Watch Casement/Awning Half Circle Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
HALF CIRCLE - MODEL 70NCHCIMP - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	23 1/2	73
Window Height (WH)	11 3/4	36 1/2
United Inch (UI)	27	109 1/2

Window widths can be ordered in 1/16" 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	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".

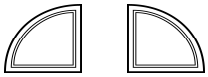
Sizes for V3 Series Coastal Watch Casement/Awning Quarter Circle Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
QUARTER CIRCLE - MODEL 70NCQCIMP - STANDARD WINDOW SIZES

ALIGNS OVER CASEMENT, AWNING & TRANSOM/PICTURE

ACTUAL WINDOW SIZE (FRAME TTT)	EXTERIOR WINDOW DIMENSION INCL "J" CHANNEL			ROUGH OPENING SIZE*			VISIBLE GLASS PER OPENING			TOTAL VISIBLE GLASS
WIDTH	WIDTH		HEIGHT	WIDTH		HEIGHT	WIDTH		HEIGHT	SQ. FT.
24 1/8	25 3/4	x	25 3/4	24 5/8	x	24 5/8	19 3/4	x	19 3/4	2.13
28 3/8	30	x	30	28 7/8	x	28 7/8	24	x	24	3.14
31 1/2	33 1/8	x	33 1/8	32	x	32	27 1/8	x	27 1/8	4.01
35 15/16	37 9/16	x	37 9/16	36 7/16	x	36 7/16	31 9/16	x	31 9/16	5.43

Actual Window Size width and height are the same for this product.
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 1 1/8" to the Visible Glass Width and add 1 1/8" to the Visible Glass Height.
* Rough opening sizes shown are for frame construction. Consult a Silver Line dealer for other rough opening size information, such as with masonry or block applications.
This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".
See following page for custom window sizes.
Left facing and right facing quarter circles as seen from outside are available.



Left **Right**
(as viewed from the outside)

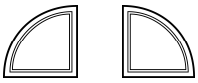
Custom Sizes for V3 Series Coastal Watch Casement/Awning Quarter Circle Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
QUARTER CIRCLE - MODEL 70NCQCIMP - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	17 1/2	36
Window Height (WH)	17 1/2	36
United Inch (UI)	35	72

Window can be ordered in 1/16" increments.
Window width and height must match.

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



Left **Right**
(as viewed from the outside)

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*VH*3.14/4*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".

Sizes for V3 Series Coastal Watch Casement/Awning Circle Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
FULL CIRCLE - MODEL 70NCFCIMP - STANDARD WINDOW SIZES

ACTUAL WINDOW SIZE (FRAME TTT)	EXTERIOR WINDOW DIMENSION INCL "J" CHANNEL			ROUGH OPENING SIZE*			VISIBLE GLASS PER OPENING			TOTAL VISIBLE GLASS
WIDTH	WIDTH		HEIGHT	WIDTH		HEIGHT	WIDTH		HEIGHT	SQ. FT.
24 1/8	25 3/4	x	25 3/4	24 5/8	x	24 5/8	18 3/8	x	18 3/8	1.84
28 3/8	30	x	30	28 7/8	x	28 7/8	22 5/8	x	22 5/8	2.79
35 15/16	37 9/16	x	37 9/16	36 7/16	x	36 7/16	30 3/16	x	30 3/16	4.97

Actual Window Size width and height are the same for this product.
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 1 1/8" to the Visible Glass Width and add 1 1/8" to the Visible Glass Height.
* Rough opening sizes shown are for frame construction. Consult a Silver Line dealer for other rough opening size information, such as with masonry or block applications.
This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".
See following page for custom window sizes.

Custom Sizes for V3 Series Coastal Watch Casement/Awning Circle Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
FULL CIRCLE - MODEL 70NCFCIMP - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	23 1/2	48
Window Height (WH)	23 1/2	48
United Inch (UI)	47	96

Window can be ordered in 1/16" increments.
Window width and height must match.

ACTUAL GLASS SIZE FORMULAS		
	WIDTH (GW)	HEIGHT (GH)
Per Opening	MROUND (WW - 4.625, 1/16)	MROUND (WH - 4.625, 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	(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".

Sizes for V3 Series Coastal Watch Casement/Awning Octagon Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
OCTAGON - MODEL 70NCOCIMP - STANDARD WINDOW SIZES

ACTUAL WINDOW SIZE (FRAME TTT)	EXTERIOR WINDOW DIMENSION INCL "J" CHANNEL			ROUGH OPENING SIZE*			VISIBLE GLASS PER OPENING			TOTAL VISIBLE GLASS
WIDTH	WIDTH		HEIGHT	WIDTH		HEIGHT	WIDTH		HEIGHT	SQ. FT.
24	25 5/8	x	25 5/8	24 1/2	x	24 1/2	19 5/8	x	19 5/8	2.21
28	29 5/8	x	29 5/8	28 1/2	x	28 1/2	23 5/8	x	23 5/8	3.21
36	37 5/8	x	37 5/8	36 1/2	x	36 1/2	31 5/8	x	31 5/8	5.75

Actual Window Size width and height are the same for this product.
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 1 1/8" to the Visible Glass Width and add 1 1/8" to the Visible Glass Height.
* Rough opening sizes shown are for frame construction. Consult a Silver Line dealer for other rough opening size information, such as with masonry or block applications.
This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".
See following page for custom window sizes.

Custom Sizes for V3 Series Coastal Watch Casement/Awning Octagon Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
OCTAGON - MODEL 70NCOCIMP - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	23 1/2	47 1/2
Window Height (WH)	23 1/2	47 1/2
United Inch (UI)	47	95

Window can be ordered in 1/8" increments.
Window width and height must match.

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 * VW / 144

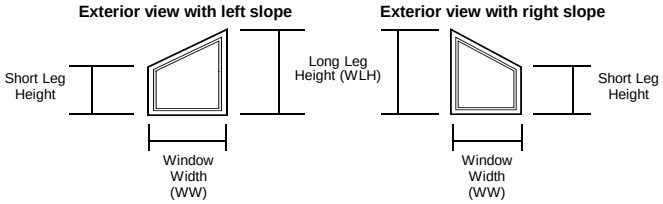
This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".

Custom Sizes for V3 Series Coastal Watch Casement/Awning Trapezoid Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
TRAPEZOID - MODEL 70NCTZIMP - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	12	73
Long Leg Height (WLH)	12	73
Short Leg Height (WSH)	6	72

Window can be ordered in 1/8" increments.



ACTUAL WINDOW HEIGHT	ACTUAL WINDOW WIDTH	
	12 - 53	53 1/8 - 73
12 - 53		
53 1/8 - 73		NOT AVAILABLE

Actual Window Height equals the Long Leg Height (WLH)

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 window is currently available only in custom sizes.
This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".

Sizes for V3 Series Coastal Watch Casement/Awning Arch/Eyebrow Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
ARCH TOP/EYEBROW - MODEL 70NCATIMP - STANDARD WINDOW SIZES

ALIGNS OVER CASEMENT & AWNING

ACTUAL WINDOW SIZE (FRAME TTT)				EXTERIOR WINDOW DIMENSION INCL "J" CHANNEL			ROUGH OPENING SIZE*			VISIBLE GLASS PER OPENING			TOTAL VISIBLE GLASS
WIDTH	HEIGHT	CORD	SHOULDER	WIDTH	HEIGHT		WIDTH	HEIGHT		WIDTH	HEIGHT		SQ. FT.
24 1/8	x 15 1/4	3 1/4	12	25 3/4	x 16 7/8		24 5/8	x 15 3/4		19 3/4	x 10 7/8		1.62
24 1/8	x 27 3/8	3 1/4	24 1/8	25 3/4	x 29		24 5/8	x 27 7/8		19 3/4	x 23		3.38
24 1/8	x 39 3/16	3 1/4	35 15/16	25 3/4	x 40 13/16		24 5/8	x 39 11/16		19 3/4	x 34 13/16		5.08
24 1/8	x 44 1/16	3 1/4	40 13/16	25 3/4	x 45 11/16		24 5/8	x 44 9/16		19 3/4	x 39 11/16		5.79
24 1/8	x 51 1/4	3 1/4	48	25 3/4	x 52 7/8		24 5/8	x 51 3/4		19 3/4	x 46 7/8		6.84
24 1/8	x 56 1/16	3 1/4	52 13/16	25 3/4	x 57 11/16		24 5/8	x 56 9/16		19 3/4	x 51 11/16		7.53
24 1/8	x 63 1/8	3 1/4	59 7/8	25 3/4	x 64 3/4		24 5/8	x 63 5/8		19 3/4	x 58 3/4		8.56
24 1/8	x 68 1/16	3 1/4	64 13/16	25 3/4	x 69 11/16		24 5/8	x 68 9/16		19 3/4	x 63 11/16		9.27
28 3/8	x 16 11/16	4 11/16	12	30	x 18 5/16		28 7/8	x 17 3/16		24	x 12 5/16		2.13
28 3/8	x 28 13/16	4 11/16	24 1/8	30	x 30 7/16		28 7/8	x 29 5/16		24	x 24 7/16		4.24
28 3/8	x 40 5/8	4 11/16	35 15/16	30	x 42 1/4		28 7/8	x 41 1/8		24	x 36 1/4		6.30
28 3/8	x 45 1/2	4 11/16	40 13/16	30	x 47 1/8		28 7/8	x 46		24	x 41 1/8		7.15
28 3/8	x 52 11/16	4 11/16	48	30	x 54 5/16		28 7/8	x 53 3/16		24	x 48 5/16		8.41
28 3/8	x 57 1/2	4 11/16	52 13/16	30	x 59 1/8		28 7/8	x 58		24	x 53 1/8		9.25
28 3/8	x 64 9/16	4 11/16	59 7/8	30	x 66 3/16		28 7/8	x 65 1/16		24	x 60 3/16		10.48
28 3/8	x 69 1/2	4 11/16	64 13/16	30	x 71 1/8		28 7/8	x 70		24	x 65 1/8		11.34
35 15/16	x 16 13/16	4 13/16	12	37 9/16	x 18 7/16		36 7/16	x 17 5/16		31 9/16	x 12 7/16		2.77
35 15/16	x 28 15/16	4 13/16	24 1/8	37 9/16	x 30 9/16		36 7/16	x 29 7/16		31 9/16	x 24 9/16		5.53
35 15/16	x 40 3/4	4 13/16	35 15/16	37 9/16	x 42 3/8		36 7/16	x 41 1/4		31 9/16	x 36 3/8		8.21
35 15/16	x 45 5/8	4 13/16	40 13/16	37 9/16	x 47 1/4		36 7/16	x 46 1/8		31 9/16	x 41 1/4		9.31
35 15/16	x 52 13/16	4 13/16	48	37 9/16	x 54 7/16		36 7/16	x 53 5/16		31 9/16	x 48 7/16		10.95
35 15/16	x 57 5/8	4 13/16	52 13/16	37 9/16	x 59 1/4		36 7/16	x 58 1/8		31 9/16	x 53 1/4		12.04
35 15/16	x 64 11/16	4 13/16	59 7/8	37 9/16	x 66 5/16		36 7/16	x 65 3/16		31 9/16	x 60 5/16		13.64
35 15/16	x 69 5/8	4 13/16	64 13/16	37 9/16	x 71 1/4		36 7/16	x 70 1/8		31 9/16	x 65 1/4		14.76
48	x 12 7/16	6 7/16	6	49 5/8	x 14 1/16		48 1/2	x 12 15/16		43 5/8	x 8 1/16		2.27
48	x 18 7/16	6 7/16	12	49 5/8	x 20 1/16		48 1/2	x 18 15/16		43 5/8	x 14 1/16		4.14
48	x 30 9/16	6 7/16	24 1/8	49 5/8	x 32 3/16		48 1/2	x 31 1/16		43 5/8	x 26 3/16		7.91
48	x 42 3/8	6 7/16	35 15/16	49 5/8	x 44		48 1/2	x 42 7/8		43 5/8	x 38		11.58
48	x 47 1/4	6 7/16	40 13/16	49 5/8	x 48 7/8		48 1/2	x 47 3/4		43 5/8	x 42 7/8		13.09
48	x 54 7/16	6 7/16	48	49 5/8	x 56 1/16		48 1/2	x 54 15/16		43 5/8	x 50 1/16		15.33
48	x 59 5/8	6 7/16	52 13/16	49 5/8	x 61 1/4		48 1/2	x 60 1/8		43 5/8	x 55 1/4		16.91
48	x 66 5/16	6 7/16	59 7/8	49 5/8	x 67 15/16		48 1/2	x 66 13/16		43 5/8	x 61 15/16		19.02
48	x 71 1/4	6 7/16	64 13/16	49 5/8	x 72 7/8		48 1/2	x 71 3/4		43 5/8	x 66 7/8		20.55
56 1/2	x 13 1/16	7 1/16	6	58 1/8	x 14 11/16		57	x 13 9/16		52 1/8	x 8 11/16		2.86
56 1/2	x 19 1/16	7 1/16	12	58 1/8	x 20 11/16		57	x 19 9/16		52 1/8	x 14 11/16		5.07
56 1/2	x 31 3/16	7 1/16	24 1/8	58 1/8	x 32 13/16		57	x 31 11/16		52 1/8	x 26 13/16		9.56
56 1/2	x 43	7 1/16	35 15/16	58 1/8	x 44 5/8		57	x 43 1/2		52 1/8	x 38 5/8		13.93
56 1/2	x 47 7/8	7 1/16	40 13/16	58 1/8	x 49 1/2		57	x 48 3/8		52 1/8	x 43 1/2		15.73
56 1/2	x 55 1/16	7 1/16	48	58 1/8	x 56 11/16		57	x 55 9/16		52 1/8	x 50 11/16		18.39
56 1/2	x 59 7/8	7 1/16	52 13/16	58 1/8	x 61 1/2		57	x 60 3/8		52 1/8	x 55 1/2		20.17
56 1/2	x 66 15/16	7 1/16	59 7/8	58 1/8	x 68 9/16		57	x 67 7/16		52 1/8	x 62 9/16		22.78
56 1/2	x 71 7/8	7 1/16	64 13/16	58 1/8	x 73 1/2		57	x 72 3/8		52 1/8	x 67 1/2		24.60
59 1/4	x 13 13/16	7 13/16	6	60 7/8	x 15 7/16		59 3/4	x 14 5/16		54 14/16	x 9 7/16		3.21
59 1/4	x 19 13/16	7 13/16	12	60 7/8	x 21 7/16		59 3/4	x 20 5/16		54 14/16	x 15 7/16		5.65
59 1/4	x 31 15/16	7 13/16	24 1/8	60 7/8	x 33 9/16		59 3/4	x 32 7/16		54 14/16	x 27 9/16		10.25
59 1/4	x 43 3/4	7 13/16	35 15/16	60 7/8	x 45 3/8		59 3/4	x 44 1/4		54 14/16	x 39 3/8		14.85
59 1/4	x 48 5/8	7 13/16	40 13/16	60 7/8	x 50 1/4		59 3/4	x 49 1/8		54 14/16	x 44 1/4		16.74
59 1/4	x 55 13/16	7 13/16	48	60 7/8	x 57 7/16		59 3/4	x 56 5/16		54 14/16	x 51 7/16		19.54
59 1/4	x 60 5/8	7 13/16	52 13/16	60 7/8	x 62 1/4		59 3/4	x 61 1/8		54 14/16	x 56 1/4		21.41
59 1/4	x 67 11/16	7 13/16	59 7/8	60 7/8	x 69 5/16		59 3/4	x 68 3/16		54 14/16	x 63 5/16		24.16

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 1 1/8" to the Visible Glass Width and add 1 1/8" to the Visible Glass Height.
* Rough opening sizes shown are for frame construction. Consult a Silver Line dealer for other rough opening size information, such as with masonry or block applications.
This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".
See page after next for custom window sizes.

Sizes for V3 Series Coastal Watch Casement/Awning Arch/Eyebrow Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
ARCH TOP/EYEBROW - MODEL 70NCATIMP - STANDARD WINDOW SIZES

ACTUAL WINDOW SIZE (FRAME TTT)				EXTERIOR WINDOW DIMENSION INCL "J" CHANNEL		ROUGH OPENING SIZE*		VISIBLE GLASS PER OPENING		TOTAL VISIBLE GLASS
WIDTH	HEIGHT	CORD	SHOULDER	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	SQ. FT.
71 1/4	15 7/16	9 7/16	6	72 7/8	17 1/16	71 3/4	15 15/16	66 7/8	11 1/16	4.41
71 1/4	21 7/16	9 7/16	12	72 7/8	23 1/16	71 3/4	21 15/16	66 7/8	17 1/16	7.25
71 1/4	33 9/16	9 7/16	24 1/8	72 7/8	35 3/16	71 3/4	34 1/16	66 7/8	29 3/16	12.97
71 1/4	45 3/8	9 7/16	35 15/16	72 7/8	47	71 3/4	45 7/8	66 7/8	41	18.55
71 1/4	50 1/4	9 7/16	40 13/16	72 7/8	51 7/8	71 3/4	50 3/4	66 7/8	45 7/8	20.85
71 1/4	57 7/16	9 7/16	48	72 7/8	59 1/16	71 3/4	57 15/16	66 7/8	53 1/16	24.25
71 1/4	62 1/4	9 7/16	52 13/16	72 7/8	63 7/8	71 3/4	62 3/4	66 7/8	57 7/8	26.52
71 1/4	69 5/16	9 7/16	59 7/8	72 7/8	70 15/16	71 3/4	69 13/16	66 7/8	64 15/16	29.85

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 1 1/8" to the Visible Glass Width and add 1 1/8" to the Visible Glass Height.
* Rough opening sizes shown are for frame construction. Consult a Silver Line dealer for other rough opening size information, such as with masonry or block applications.
This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".
See following page for custom window sizes.

Custom Sizes for V3 Series Coastal Watch Casement/Awning Arch/Eyebrow Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
ARCH TOP/EYEBROW - MODEL 70NCATIMP - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	24	73
Window Height (WH)	11 1/2	73
Window Shoulder (WS)	6	70
United Inch (UI)	35 1/2	126

Window can be ordered in 1/16" increments.

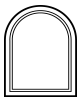
ACTUAL WINDOW HEIGHT	ACTUAL WINDOW WIDTH	
	24 - 53	53 1/16 - 73
11 1/2 - 53		
53 1/16 - 73		NOT AVAILABLE

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".



Sizes for V3 Series Coastal Watch Casement/Awning Palladian Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
PALLADIAN - MODEL 70NCSPIMP - STANDARD WINDOW SIZES

ACTUAL WINDOW SIZE (FRAME TTT)				EXTERIOR WINDOW DIMENSION INCL "J" CHANNEL			ROUGH OPENING SIZE*			VISIBLE GLASS PER OPENING			TOTAL VISIBLE GLASS
WIDTH		HEIGHT	SHOULDER	WIDTH		HEIGHT	WIDTH		HEIGHT	WIDTH		HEIGHT	SQ. FT.
37 1/2	x	42 7/8	24 1/8	39 1/8	x	44 1/2	38	x	43 3/8	33 1/8	x	38 1/2	8.14
37 1/2	x	54 11/16	35 15/16	39 1/8	x	56 5/16	38	x	55 3/16	33 1/8	x	50 5/16	10.86
37 1/2	x	59 9/16	40 13/16	39 1/8	x	61 3/16	38	x	60 1/16	33 1/8	x	55 3/16	11.98
37 1/2	x	66 3/4	48	39 1/8	x	68 3/8	38	x	67 1/4	33 1/8	x	62 3/8	13.63
48	x	48 1/8	24 1/8	49 5/8	x	49 3/4	48 1/2	x	48 5/8	43 5/8	x	43 3/4	11.97
48	x	59 15/16	35 15/16	49 5/8	x	61 9/16	48 1/2	x	60 7/16	43 5/8	x	55 9/16	15.55
48	x	64 13/16	40 13/16	49 5/8	x	66 7/16	48 1/2	x	65 5/16	43 5/8	x	60 7/16	17.03
64 1/2	x	38 1/4	6	66 1/8	x	39 7/8	65	x	38 3/4	60 1/8	x	33 7/8	11.64
64 1/2	x	44 1/4	12	66 1/8	x	45 7/8	65	x	44 3/4	60 1/8	x	39 7/8	14.14
64 1/2	x	56 3/8	24 1/8	66 1/8	x	58	65	x	56 7/8	60 1/8	x	52	19.20
64 1/2	x	68 3/16	35 15/16	66 1/8	x	69 13/16	65	x	68 11/16	60 1/8	x	63 13/16	24.14
68 1/2	x	40 1/4	6	70 1/8	x	41 7/8	69	x	40 3/4	64 1/8	x	35 7/8	13.11
68 1/2	x	46 1/4	12	70 1/8	x	47 7/8	69	x	46 3/4	64 1/8	x	41 7/8	15.78
68 1/2	x	58 3/8	24 1/8	70 1/8	x	60	69	x	58 7/8	64 1/8	x	54	21.18
68 1/2	x	70 3/16	35 15/16	70 1/8	x	71 13/16	69	x	70 11/16	64 1/8	x	65 13/16	26.44
71 1/4	x	54 15/16	19 5/16	72 7/8	x	56 9/16	71 3/4	x	55 7/16	66 7/8	x	50 9/16	20.36

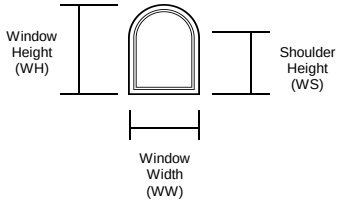
Visible Glass Sizes are for one lite of glass. Total Visible Glass is combined area of all lites of glass in entire unit.
To calculate actual glass size per opening, add 1 1/8" to the Visible Glass Width and add 1 1/8" to the Visible Glass Height.
* Rough opening sizes shown are for frame construction. Consult a Silver Line dealer for other rough opening size information, such as with masonry or block applications.
This product does not meet clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".
See following page for custom window sizes.

Custom Sizes for V3 Series Coastal Watch Casement/Awning Palladian Windows with Nailing Flange & Optional J-Channel

FORMERLY 70 SERIES IMPACT RESISTANT CASEMENT/AWNING WINDOW - WITH NAILING FIN
PALLADIAN - MODEL 70NCSPIMP - CUSTOM WINDOW SIZES

ACTUAL WINDOW SIZE	MINIMUM	MAXIMUM
Window Width (WW)	23 1/2	73
Window Height (WH)	36	73
Window Shoulder (WS)	6	90
United Inch (UI)	59 1/2	146

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



ACTUAL WINDOW HEIGHT	ACTUAL WINDOW WIDTH	
	23 1/2 - 53	53 1/8 - 73
36 - 53		
53 1/8 - 73		**NOT AVAILABLE**

ACTUAL GLASS SIZE FORMULAS			
	WIDTH (GW)	**HEIGHT (GH)**	**SHOULDER HEIGHT (GSH)**
Per Opening	MROUND (WW - 3.25, 1/16)	MROUND (WH - 3.25, 1/16)	WH - WW/2 - 1.625

VISIBLE GLASS SIZE FORMULAS			
	WIDTH (VW)	**HEIGHT (VH)**	**SHOULDER HEIGHT (VSH)**
Per Opening	GW - 1.125	GH - 1.125	GSH - 0.5625

VISIBLE GLASS SQUARE FOOT FORMULA	
For Entire Unit	(VW * VSH + (3.1415 * (VW / 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".