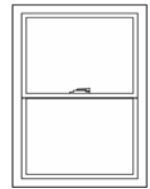


WEATHER STOPPER™ SERIES 2901
IMPACT RESISTANT VINYL SINGLE HUNG WINDOW
 Window Size, Rough Opening, Clear Opening and Glass Size Information

NOMINAL WINDOW SIZE	ACTUAL WINDOW SIZE (FRAME TTT)		ROUGH OPENING SIZE*		CLEAR OPENING SIZE		CLEAR OPENING SQ. FT.	GLASS SIZE		TOTAL VISIBLE GLASS SQ. FT.
	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT		WIDTH	HEIGHT	
1/6 x 3/0	18	x 36	18 1/2	x 36 1/2	13	x 13	1.2	13 7/8	x 15 7/8	2.7
1/6 x 3/2	18	x 38	18 1/2	x 38 1/2	13	x 14	1.3	13 7/8	x 16 7/8	2.9
1/6 x 3/8	18	x 44	18 1/2	x 44 1/2	13	x 17	1.5	13 7/8	x 19 7/8	3.4
1/6 x 3/10	18	x 46	18 1/2	x 46 1/2	13	x 18	1.6	13 7/8	x 20 7/8	3.6
1/6 x 4/0	18	x 48	18 1/2	x 48 1/2	13	x 19	1.7	13 7/8	x 21 7/8	3.8
1/6 x 4/2	18	x 50	18 1/2	x 50 1/2	13	x 20	1.8	13 7/8	x 22 7/8	4.0
1/6 x 4/4	18	x 52	18 1/2	x 52 1/2	13	x 21	1.9	13 7/8	x 23 7/8	4.2
1/6 x 4/6	18	x 54	18 1/2	x 54 1/2	13	x 22	2.0	13 7/8	x 24 7/8	4.3
1/6 x 5/0	18	x 60	18 1/2	x 60 1/2	13	x 25	2.3	13 7/8	x 27 7/8	4.9
1/6 x 5/2	18	x 62	18 1/2	x 62 1/2	13	x 26	2.3	13 7/8	x 28 7/8	5.1
1/6 x 5/6	18	x 66	18 1/2	x 66 1/2	13	x 28	2.5	13 7/8	x 30 7/8	5.4
1/6 x 6/0	18	x 72	18 1/2	x 72 1/2	13	x 31	2.8	13 7/8	x 33 7/8	6.0
1/8 x 3/0	20	x 36	20 1/2	x 36 1/2	15	x 13	1.4	15 7/8	x 15 7/8	3.1
1/8 x 3/2	20	x 38	20 1/2	x 38 1/2	15	x 14	1.5	15 7/8	x 16 7/8	3.3
1/8 x 3/8	20	x 44	20 1/2	x 44 1/2	15	x 17	1.8	15 7/8	x 19 7/8	4.0
1/8 x 3/10	20	x 46	20 1/2	x 46 1/2	15	x 18	1.9	15 7/8	x 20 7/8	4.2
1/8 x 4/0	20	x 48	20 1/2	x 48 1/2	15	x 19	2.0	15 7/8	x 21 7/8	4.4
1/8 x 4/2	20	x 50	20 1/2	x 50 1/2	15	x 20	2.1	15 7/8	x 22 7/8	4.6
1/8 x 4/4	20	x 52	20 1/2	x 52 1/2	15	x 21	2.2	15 7/8	x 23 7/8	4.8
1/8 x 4/6	20	x 54	20 1/2	x 54 1/2	15	x 22	2.3	15 7/8	x 24 7/8	5.0
1/8 x 5/0	20	x 60	20 1/2	x 60 1/2	15	x 25	2.6	15 7/8	x 27 7/8	5.6
1/8 x 5/2	20	x 62	20 1/2	x 62 1/2	15	x 26	2.7	15 7/8	x 28 7/8	5.8
1/8 x 5/6	20	x 66	20 1/2	x 66 1/2	15	x 28	2.9	15 7/8	x 30 7/8	6.3
1/8 x 6/0	20	x 72	20 1/2	x 72 1/2	15	x 31	3.2	15 7/8	x 33 7/8	6.9
2/0 x 3/0	24	x 36	24 1/2	x 36 1/2	19	x 13	1.7	19 7/8	x 15 7/8	4.0
2/0 x 3/2	24	x 38	24 1/2	x 38 1/2	19	x 14	1.8	19 7/8	x 16 7/8	4.2
2/0 x 3/8	24	x 44	24 1/2	x 44 1/2	19	x 17	2.2	19 7/8	x 19 7/8	5.0
2/0 x 3/10	24	x 46	24 1/2	x 46 1/2	19	x 18	2.4	19 7/8	x 20 7/8	5.3
2/0 x 4/0	24	x 48	24 1/2	x 48 1/2	19	x 19	2.5	19 7/8	x 21 7/8	5.5
2/0 x 4/2	24	x 50	24 1/2	x 50 1/2	19	x 20	2.6	19 7/8	x 22 7/8	5.8
2/0 x 4/4	24	x 52	24 1/2	x 52 1/2	19	x 21	2.8	19 7/8	x 23 7/8	6.1
2/0 x 4/6	24	x 54	24 1/2	x 54 1/2	19	x 22	2.9	19 7/8	x 24 7/8	6.3
2/0 x 5/0	24	x 60	24 1/2	x 60 1/2	19	x 25	3.3	19 7/8	x 27 7/8	7.1
2/0 x 5/2	24	x 62	24 1/2	x 62 1/2	19	x 24 3/4	3.3	19 7/8	x 28 7/8	7.4
2/0 x 5/6	24	x 66	24 1/2	x 66 1/2	19	x 26 3/4	3.5	19 7/8	x 30 7/8	7.9
2/0 x 6/0	24	x 72	24 1/2	x 72 1/2	19	x 29 3/4	3.9	19 7/8	x 33 7/8	8.7

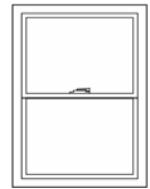
- NOTES:**
- **BOLD** Nominal Window Sizes meet egress criteria of:
 - Min 20" net opening in width
 - Min 24" net opening in height
 - Min 5.7 sq. ft. opening area
 - Visible glass size is combined area of top and bottom lites of glass.



WEATHER STOPPER™ SERIES 2901
IMPACT RESISTANT VINYL SINGLE HUNG WINDOW
 Window Size, Rough Opening, Clear Opening and Glass Size Information

NOMINAL WINDOW SIZE	ACTUAL WINDOW SIZE (FRAME TTT)		ROUGH OPENING SIZE*		CLEAR OPENING SIZE		CLEAR OPENING SQ. FT.	GLASS SIZE		TOTAL VISIBLE GLASS SQ. FT.
	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT		WIDTH	HEIGHT	
2/4 x 3/0	28	x 36	28 1/2	x 36 1/2	23	x 13	2.1	23 7/8	x 15 7/8	4.8
2/4 x 3/2	28	x 38	28 1/2	x 38 1/2	23	x 14	2.2	23 7/8	x 16 7/8	5.1
2/4 x 3/8	28	x 44	28 1/2	x 44 1/2	23	x 17	2.7	23 7/8	x 19 7/8	6.1
2/4 x 3/10	28	x 46	28 1/2	x 46 1/2	23	x 18	2.9	23 7/8	x 20 7/8	6.4
2/4 x 4/0	28	x 48	28 1/2	x 48 1/2	23	x 19	3.0	23 7/8	x 21 7/8	6.7
2/4 x 4/2	28	x 50	28 1/2	x 50 1/2	23	x 20	3.2	23 7/8	x 22 7/8	7.0
2/4 x 4/4	28	x 52	28 1/2	x 52 1/2	23	x 21	3.4	23 7/8	x 23 7/8	7.3
2/4 x 4/6	28	x 54	28 1/2	x 54 1/2	23	x 20 3/4	3.3	23 7/8	x 24 7/8	7.7
2/4 x 5/0	28	x 60	28 1/2	x 60 1/2	23	x 23 3/4	3.8	23 7/8	x 27 7/8	8.6
2/4 x 5/2	28	x 62	28 1/2	x 62 1/2	23	x 24 3/4	4.0	23 7/8	x 28 7/8	8.9
2/4 x 5/6	28	x 66	28 1/2	x 66 1/2	23	x 26 3/4	4.3	23 7/8	x 30 7/8	9.6
2/4 x 6/0	28	x 72	28 1/2	x 72 1/2	23	x 29 3/4	4.8	23 7/8	x 33 7/8	10.5
2/6 x 3/0	30	x 36	30 1/2	x 36 1/2	25	x 13	2.3	25 7/8	x 15 7/8	5.2
2/6 x 3/2	30	x 38	30 1/2	x 38 1/2	25	x 14	2.4	25 7/8	x 16 7/8	5.6
2/6 x 3/8	30	x 44	30 1/2	x 44 1/2	25	x 17	3.0	25 7/8	x 19 7/8	6.6
2/6 x 3/10	30	x 46	30 1/2	x 46 1/2	25	x 18	3.1	25 7/8	x 20 7/8	6.9
2/6 x 4/0	30	x 48	30 1/2	x 48 1/2	25	x 19	3.3	25 7/8	x 21 7/8	7.3
2/6 x 4/2	30	x 50	30 1/2	x 50 1/2	25	x 18 3/4	3.3	25 7/8	x 22 7/8	7.6
2/6 x 4/4	30	x 52	30 1/2	x 52 1/2	25	x 19 3/4	3.4	25 7/8	x 23 7/8	8.0
2/6 x 4/6	30	x 54	30 1/2	x 54 1/2	25	x 20 3/4	3.6	25 7/8	x 24 7/8	8.3
2/6 x 5/0	30	x 60	30 1/2	x 60 1/2	25	x 23 3/4	4.1	25 7/8	x 27 7/8	9.4
2/6 x 5/2	30	x 62	30 1/2	x 62 1/2	25	x 24 3/4	4.3	25 7/8	x 28 7/8	9.7
2/6 x 5/6	30	x 66	30 1/2	x 66 1/2	25	x 26 3/4	4.7	25 7/8	x 30 7/8	10.4
2/6 x 6/0	30	x 72	30 1/2	x 72 1/2	25	x 29 3/4	5.2	25 7/8	x 33 7/8	11.5
2/8 x 3/0	32	x 36	32 1/2	x 36 1/2	27	x 13	2.4	27 7/8	x 15 7/8	5.6
2/8 x 3/2	32	x 38	32 1/2	x 38 1/2	27	x 14	2.6	27 7/8	x 16 7/8	6.0
2/8 x 3/8	32	x 44	32 1/2	x 44 1/2	27	x 17	3.2	27 7/8	x 19 7/8	7.1
2/8 x 3/10	32	x 46	32 1/2	x 46 1/2	27	x 16 3/4	3.1	27 7/8	x 20 7/8	7.5
2/8 x 4/0	32	x 48	32 1/2	x 48 1/2	27	x 17 3/4	3.3	27 7/8	x 21 7/8	7.9
2/8 x 4/2	32	x 50	32 1/2	x 50 1/2	27	x 18 3/4	3.5	27 7/8	x 22 7/8	8.3
2/8 x 4/4	32	x 52	32 1/2	x 52 1/2	27	x 19 3/4	3.7	27 7/8	x 23 7/8	8.6
2/8 x 4/6	32	x 54	32 1/2	x 54 1/2	27	x 20 3/4	3.9	27 7/8	x 24 7/8	9.0
2/8 x 5/0	32	x 60	32 1/2	x 60 1/2	27	x 23 3/4	4.5	27 7/8	x 27 7/8	10.1
2/8 x 5/2	32	x 62	32 1/2	x 62 1/2	27	x 24 3/4	4.6	27 7/8	x 28 7/8	10.5
2/8 x 5/6	32	x 66	32 1/2	x 66 1/2	27	x 26 3/4	5.0	27 7/8	x 30 7/8	11.3
2/8 x 6/0	32	x 72	32 1/2	x 72 1/2	27	x 29 3/4	5.6	27 7/8	x 33 7/8	12.4

- NOTES:**
- **BOLD** Nominal Window Sizes meet egress criteria of:
 - Min 20" net opening in width
 - Min 24" net opening in height
 - Min 5.7 sq. ft. opening area
 - Visible glass size is combined area of top and bottom lites of glass.



WEATHER STOPPER™ SERIES 2901
IMPACT RESISTANT VINYL SINGLE HUNG WINDOW
 Window Size, Rough Opening, Clear Opening and Glass Size Information

NOMINAL WINDOW SIZE	ACTUAL WINDOW SIZE (FRAME TTT)		ROUGH OPENING SIZE*		CLEAR OPENING SIZE		CLEAR OPENING SQ. FT.	GLASS SIZE		TOTAL VISIBLE GLASS SQ. FT.
	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT		WIDTH	HEIGHT	
3/0 x 3/0	36	x 36	36 1/2	x 36 1/2	31	x 13	2.8	31 7/8	x 15 7/8	6.5
3/0 x 3/2	36	x 38	36 1/2	x 38 1/2	31	x 14	3.0	31 7/8	x 16 7/8	6.9
3/0 x 3/8	36	x 44	36 1/2	x 44 1/2	31	x 15 3/4	3.4	31 7/8	x 19 7/8	8.2
3/0 x 3/10	36	x 46	36 1/2	x 46 1/2	31	x 16 3/4	3.6	31 7/8	x 20 7/8	8.6
3/0 x 4/0	36	x 48	36 1/2	x 48 1/2	31	x 17 3/4	3.8	31 7/8	x 21 7/8	9.0
3/0 x 4/2	36	x 50	36 1/2	x 50 1/2	31	x 18 3/4	4.0	31 7/8	x 22 7/8	9.5
3/0 x 4/4	36	x 52	36 1/2	x 52 1/2	31	x 19 3/4	4.3	31 7/8	x 23 7/8	9.9
3/0 x 4/6	36	x 54	36 1/2	x 54 1/2	31	x 20 3/4	4.5	31 7/8	x 24 7/8	10.3
3/0 x 5/0	36	x 60	36 1/2	x 60 1/2	31	x 23 3/4	5.1	31 7/8	x 27 7/8	11.6
3/0 x 5/2	36	x 62	36 1/2	x 62 1/2	31	x 24 3/4	5.3	31 7/8	x 28 7/8	12.1
3/0 x 5/6	36	x 66	36 1/2	x 66 1/2	31	x 26 3/4	5.8	31 7/8	x 30 7/8	12.9
3/0 x 6/0	36	x 72	36 1/2	x 72 1/2	31	x 29 3/4	6.4	31 7/8	x 33 7/8	14.2



WEATHER STOPPER™ SERIES 2941
IMPACT RESISTANT VINYL SINGLE TRANSOMS

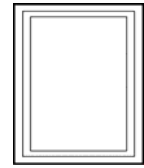
To align over Series 2901 Single Hungs
 Window Size, Rough Opening and Glass Size Information

NOMINAL WINDOW SIZE	ACTUAL WINDOW SIZE (FRAME TTT)		ROUGH OPENING SIZE*		GLASS SIZE		TOTAL VISIBLE GLASS SQ. FT.
	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	
1/6 x 1/0	18	x 12	18 1/2	x 12 1/2	13 7/8	x 7 7/8	0.6
1/6 x 1/6	18	x 18	18 1/2	x 18 1/2	13 7/8	x 13 7/8	1.2
1/6 x 2/0	18	x 24	18 1/2	x 24 1/2	13 7/8	x 19 7/8	1.7
1/6 x 2/4	18	x 28	18 1/2	x 28 1/2	13 7/8	x 23 7/8	2.1
1/6 x 2/8	18	x 32	18 1/2	x 32 1/2	13 7/8	x 27 7/8	2.4
1/8 x 1/0	20	x 12	20 1/2	x 12 1/2	15 7/8	x 7 7/8	0.7
1/8 x 1/6	20	x 18	20 1/2	x 18 1/2	15 7/8	x 13 7/8	1.4
1/8 x 2/0	20	x 24	20 1/2	x 24 1/2	15 7/8	x 19 7/8	2.0
1/8 x 2/4	20	x 28	20 1/2	x 28 1/2	15 7/8	x 23 7/8	2.4
1/8 x 2/8	20	x 32	20 1/2	x 32 1/2	15 7/8	x 27 7/8	2.8
2/0 x 1/0	24	x 12	24 1/2	x 12 1/2	19 7/8	x 7 7/8	0.9
2/0 x 1/6	24	x 18	24 1/2	x 18 1/2	19 7/8	x 13 7/8	1.7
2/0 x 2/0	24	x 24	24 1/2	x 24 1/2	19 7/8	x 19 7/8	2.5
2/0 x 2/4	24	x 28	24 1/2	x 28 1/2	19 7/8	x 23 7/8	3.0
2/0 x 2/8	24	x 32	24 1/2	x 32 1/2	19 7/8	x 27 7/8	3.6
2/4 x 1/0	28	x 12	28 1/2	x 12 1/2	23 7/8	x 7 7/8	1.1
2/4 x 1/6	28	x 18	28 1/2	x 18 1/2	23 7/8	x 13 7/8	2.1
2/4 x 2/0	28	x 24	28 1/2	x 24 1/2	23 7/8	x 19 7/8	3.0
2/4 x 2/4	28	x 28	28 1/2	x 28 1/2	23 7/8	x 23 7/8	3.7
2/4 x 2/8	28	x 32	28 1/2	x 32 1/2	23 7/8	x 27 7/8	4.3
2/6 x 1/0	30	x 12	30 1/2	x 12 1/2	25 7/8	x 7 7/8	1.2
2/6 x 1/6	30	x 18	30 1/2	x 18 1/2	25 7/8	x 13 7/8	2.3
2/6 x 2/0	30	x 24	30 1/2	x 24 1/2	25 7/8	x 19 7/8	3.3
2/6 x 2/4	30	x 28	30 1/2	x 28 1/2	25 7/8	x 23 7/8	4.0
2/6 x 2/8	30	x 32	30 1/2	x 32 1/2	25 7/8	x 27 7/8	4.7
2/8 x 1/0	32	x 12	32 1/2	x 12 1/2	27 7/8	x 7 7/8	1.3
2/8 x 1/6	32	x 18	32 1/2	x 18 1/2	27 7/8	x 13 7/8	2.4
2/8 x 2/0	32	x 24	32 1/2	x 24 1/2	27 7/8	x 19 7/8	3.6
2/8 x 2/4	32	x 28	32 1/2	x 28 1/2	27 7/8	x 23 7/8	4.3
2/8 x 2/8	32	x 32	32 1/2	x 32 1/2	27 7/8	x 27 7/8	5.1
3/0 x 1/0	36	x 12	36 1/2	x 12 1/2	31 7/8	x 7 7/8	1.5
3/0 x 1/6	36	x 18	36 1/2	x 18 1/2	31 7/8	x 13 7/8	2.8
3/0 x 2/0	36	x 24	36 1/2	x 24 1/2	31 7/8	x 19 7/8	4.1
3/0 x 2/4	36	x 28	36 1/2	x 28 1/2	31 7/8	x 23 7/8	5.0
3/0 x 2/8	36	x 32	36 1/2	x 32 1/2	31 7/8	x 27 7/8	5.8



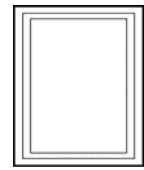
WEATHER STOPPER™ SERIES 2951
IMPACT RESISTANT VINYL PICTURE WINDOW
 Window Size, Rough Opening and Glass Size Information

NOMINAL WINDOW SIZE	ACTUAL WINDOW SIZE (FRAME TTT)		ROUGH OPENING SIZE*		GLASS SIZE		TOTAL VISIBLE GLASS SQ. FT.
	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	
1/0 x 3/0	12	x 36	12 1/2	x 36 1/2	7 7/8	x 31 7/8	1.5
1/0 x 3/2	12	x 38	12 1/2	x 38 1/2	7 7/8	x 33 7/8	1.6
1/0 x 3/8	12	x 44	12 1/2	x 44 1/2	7 7/8	x 39 7/8	1.9
1/0 x 3/10	12	x 46	12 1/2	x 46 1/2	7 7/8	x 41 7/8	2.0
1/0 x 4/0	12	x 48	12 1/2	x 48 1/2	7 7/8	x 43 7/8	2.1
1/0 x 4/2	12	x 50	12 1/2	x 50 1/2	7 7/8	x 45 7/8	2.2
1/0 x 4/4	12	x 52	12 1/2	x 52 1/2	7 7/8	x 47 7/8	2.3
1/0 x 4/6	12	x 54	12 1/2	x 54 1/2	7 7/8	x 49 7/8	2.4
1/0 x 5/0	12	x 60	12 1/2	x 60 1/2	7 7/8	x 55 7/8	2.7
1/0 x 5/2	12	x 62	12 1/2	x 62 1/2	7 7/8	x 57 7/8	2.8
1/0 x 5/6	12	x 66	12 1/2	x 66 1/2	7 7/8	x 61 7/8	3.0
1/0 x 6/0	12	x 72	12 1/2	x 72 1/2	7 7/8	x 67 7/8	3.3
1/0 x 6/2	12	x 74	12 1/2	x 74 1/2	7 7/8	x 69 7/8	3.4
1/6 x 3/0	18	x 36	18 1/2	x 36 1/2	13 7/8	x 31 7/8	8.4
1/6 x 3/2	18	x 38	18 1/2	x 38 1/2	13 7/8	x 33 7/8	3.0
1/6 x 3/8	18	x 44	18 1/2	x 44 1/2	13 7/8	x 39 7/8	3.5
1/6 x 3/10	18	x 46	18 1/2	x 46 1/2	13 7/8	x 41 7/8	3.7
1/6 x 4/0	18	x 48	18 1/2	x 48 1/2	13 7/8	x 43 7/8	3.9
1/6 x 4/2	18	x 50	18 1/2	x 50 1/2	13 7/8	x 45 7/8	4.1
1/6 x 4/4	18	x 52	18 1/2	x 52 1/2	13 7/8	x 47 7/8	4.2
1/6 x 4/6	18	x 54	18 1/2	x 54 1/2	13 7/8	x 49 7/8	4.4
1/6 x 5/0	18	x 60	18 1/2	x 60 1/2	13 7/8	x 55 7/8	5.0
1/6 x 5/2	18	x 62	18 1/2	x 62 1/2	13 7/8	x 57 7/8	5.1
1/6 x 5/6	18	x 66	18 1/2	x 66 1/2	13 7/8	x 61 7/8	5.5
1/6 x 6/0	18	x 72	18 1/2	x 72 1/2	13 7/8	x 67 7/8	6.0
1/6 x 6/2	18	x 74	18 1/2	x 74 1/2	13 7/8	x 69 7/8	6.2
1/8 x 3/0	20	x 36	20 1/2	x 36 1/2	15 7/8	x 31 7/8	3.2
1/8 x 3/2	20	x 38	20 1/2	x 38 1/2	15 7/8	x 33 7/8	3.4
1/8 x 3/8	20	x 44	20 1/2	x 44 1/2	15 7/8	x 39 7/8	4.1
1/8 x 3/10	20	x 46	20 1/2	x 46 1/2	15 7/8	x 41 7/8	4.3
1/8 x 4/0	20	x 48	20 1/2	x 48 1/2	15 7/8	x 43 7/8	4.5
1/8 x 4/2	20	x 50	20 1/2	x 50 1/2	15 7/8	x 45 7/8	4.7
1/8 x 4/4	20	x 52	20 1/2	x 52 1/2	15 7/8	x 47 7/8	4.9
1/8 x 4/6	20	x 54	20 1/2	x 54 1/2	15 7/8	x 49 7/8	5.1
1/8 x 5/0	20	x 60	20 1/2	x 60 1/2	15 7/8	x 55 7/8	5.7
1/8 x 5/2	20	x 62	20 1/2	x 62 1/2	15 7/8	x 57 7/8	5.9
1/8 x 5/6	20	x 66	20 1/2	x 66 1/2	15 7/8	x 61 7/8	6.4
1/8 x 6/0	20	x 72	20 1/2	x 72 1/2	15 7/8	x 67 7/8	7.0
1/8 x 6/2	20	x 74	20 1/2	x 74 1/2	15 7/8	x 69 7/8	7.2



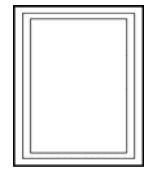
WEATHER STOPPER™ SERIES 2951
IMPACT RESISTANT VINYL PICTURE WINDOW
 Window Size, Rough Opening and Glass Size Information

NOMINAL WINDOW SIZE	ACTUAL WINDOW SIZE (FRAME TTT)		ROUGH OPENING SIZE*		GLASS SIZE		TOTAL VISIBLE GLASS SQ. FT.
	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	
2/0 x 3/0	24	x 36	24 1/2	x 36 1/2	19 7/8	x 31 7/8	4.1
2/0 x 3/2	24	x 38	24 1/2	x 38 1/2	19 7/8	x 33 7/8	4.4
2/0 x 3/8	24	x 44	24 1/2	x 44 1/2	19 7/8	x 39 7/8	5.1
2/0 x 3/10	24	x 46	24 1/2	x 46 1/2	19 7/8	x 41 7/8	5.4
2/0 x 4/0	24	x 48	24 1/2	x 48 1/2	19 7/8	x 43 7/8	5.7
2/0 x 4/2	24	x 50	24 1/2	x 50 1/2	19 7/8	x 45 7/8	5.9
2/0 x 4/4	24	x 52	24 1/2	x 52 1/2	19 7/8	x 47 7/8	6.2
2/0 x 4/6	24	x 54	24 1/2	x 54 1/2	19 7/8	x 49 7/8	6.5
2/0 x 5/0	24	x 60	24 1/2	x 60 1/2	19 7/8	x 55 7/8	7.3
2/0 x 5/2	24	x 62	24 1/2	x 62 1/2	19 7/8	x 57 7/8	7.5
2/0 x 5/6	24	x 66	24 1/2	x 66 1/2	19 7/8	x 61 7/8	8.0
2/0 x 6/0	24	x 72	24 1/2	x 72 1/2	19 7/8	x 67 7/8	8.8
2/0 x 6/2	24	x 74	24 1/2	x 74 1/2	19 7/8	x 69 7/8	9.1
2/4 x 3/0	28	x 36	28 1/2	x 36 1/2	23 7/8	x 31 7/8	5.0
2/4 x 3/2	28	x 38	28 1/2	x 38 1/2	23 7/8	x 33 7/8	5.3
2/4 x 3/8	28	x 44	28 1/2	x 44 1/2	23 7/8	x 39 7/8	6.2
2/4 x 3/10	28	x 46	28 1/2	x 46 1/2	23 7/8	x 41 7/8	6.5
2/4 x 4/0	28	x 48	28 1/2	x 48 1/2	23 7/8	x 43 7/8	6.9
2/4 x 4/2	28	x 50	28 1/2	x 50 1/2	23 7/8	x 45 7/8	7.2
2/4 x 4/4	28	x 52	28 1/2	x 52 1/2	23 7/8	x 47 7/8	7.5
2/4 x 4/6	28	x 54	28 1/2	x 54 1/2	23 7/8	x 49 7/8	7.8
2/4 x 5/0	28	x 60	28 1/2	x 60 1/2	23 7/8	x 55 7/8	8.8
2/4 x 5/2	28	x 62	28 1/2	x 62 1/2	23 7/8	x 57 7/8	9.1
2/4 x 5/6	28	x 66	28 1/2	x 66 1/2	23 7/8	x 61 7/8	9.7
2/4 x 6/0	28	x 72	28 1/2	x 72 1/2	23 7/8	x 67 7/8	10.7
2/4 x 6/2	28	x 74	28 1/2	x 74 1/2	23 7/8	x 69 7/8	11.0
2/6 x 3/0	30	x 36	30 1/2	x 36 1/2	25 7/8	x 31 7/8	5.4
2/6 x 3/2	30	x 38	30 1/2	x 38 1/2	25 7/8	x 33 7/8	5.7
2/6 x 3/8	30	x 44	30 1/2	x 44 1/2	25 7/8	x 39 7/8	6.8
2/6 x 3/10	30	x 46	30 1/2	x 46 1/2	25 7/8	x 41 7/8	7.1
2/6 x 4/0	30	x 48	30 1/2	x 48 1/2	25 7/8	x 43 7/8	7.5
2/6 x 4/2	30	x 50	30 1/2	x 50 1/2	25 7/8	x 45 7/8	7.8
2/6 x 4/4	30	x 52	30 1/2	x 52 1/2	25 7/8	x 47 7/8	8.2
2/6 x 4/6	30	x 54	30 1/2	x 54 1/2	25 7/8	x 49 7/8	8.5
2/6 x 5/0	30	x 60	30 1/2	x 60 1/2	25 7/8	x 55 7/8	9.5
2/6 x 5/2	30	x 62	30 1/2	x 62 1/2	25 7/8	x 57 7/8	9.9
2/6 x 5/6	30	x 66	30 1/2	x 66 1/2	25 7/8	x 61 7/8	10.6
2/6 x 6/0	30	x 72	30 1/2	x 72 1/2	25 7/8	x 67 7/8	11.6
2/6 x 6/2	30	x 74	30 1/2	x 74 1/2	25 7/8	x 69 7/8	12.0



WEATHER STOPPER™ SERIES 2951
IMPACT RESISTANT VINYL PICTURE WINDOW
 Window Size, Rough Opening and Glass Size Information

NOMINAL WINDOW SIZE	ACTUAL WINDOW SIZE (FRAME TTT)		ROUGH OPENING SIZE*		GLASS SIZE		TOTAL VISIBLE GLASS SQ. FT.
	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	
2/8 x 3/0	32	x 36	32 1/2	x 36 1/2	27 7/8	x 31 7/8	5.8
2/8 x 3/2	32	x 38	32 1/2	x 38 1/2	27 7/8	x 33 7/8	6.2
2/8 x 3/8	32	x 44	32 1/2	x 44 1/2	27 7/8	x 39 7/8	7.3
2/8 x 3/10	32	x 46	32 1/2	x 46 1/2	27 7/8	x 41 7/8	7.7
2/8 x 4/0	32	x 48	32 1/2	x 48 1/2	27 7/8	x 43 7/8	8.1
2/8 x 4/2	32	x 50	32 1/2	x 50 1/2	27 7/8	x 45 7/8	8.4
2/8 x 4/4	32	x 52	32 1/2	x 52 1/2	27 7/8	x 47 7/8	8.8
2/8 x 4/6	32	x 54	32 1/2	x 54 1/2	27 7/8	x 49 7/8	9.2
2/8 x 5/0	32	x 60	32 1/2	x 60 1/2	27 7/8	x 55 7/8	10.3
2/8 x 5/2	32	x 62	32 1/2	x 62 1/2	27 7/8	x 57 7/8	10.7
2/8 x 5/6	32	x 66	32 1/2	x 66 1/2	27 7/8	x 61 7/8	11.4
2/8 x 6/0	32	x 72	32 1/2	x 72 1/2	27 7/8	x 67 7/8	12.6
2/8 x 6/2	32	x 74	32 1/2	x 74 1/2	27 7/8	x 69 7/8	12.9
3/0 x 3/0	36	x 36	36 1/2	x 36 1/2	31 7/8	x 31 7/8	6.7
3/0 x 3/2	36	x 38	36 1/2	x 38 1/2	31 7/8	x 33 7/8	7.1
3/0 x 3/8	36	x 44	36 1/2	x 44 1/2	31 7/8	x 39 7/8	8.4
3/0 x 3/10	36	x 46	36 1/2	x 46 1/2	31 7/8	x 41 7/8	8.8
3/0 x 4/0	36	x 48	36 1/2	x 48 1/2	31 7/8	x 43 7/8	9.3
3/0 x 4/2	36	x 50	36 1/2	x 50 1/2	31 7/8	x 45 7/8	9.7
3/0 x 4/4	36	x 52	36 1/2	x 52 1/2	31 7/8	x 47 7/8	10.1
3/0 x 4/6	36	x 54	36 1/2	x 54 1/2	31 7/8	x 49 7/8	10.5
3/0 x 5/0	36	x 60	36 1/2	x 60 1/2	31 7/8	x 55 7/8	11.8
3/0 x 5/2	36	x 62	36 1/2	x 62 1/2	31 7/8	x 57 7/8	12.3
3/0 x 5/6	36	x 66	36 1/2	x 66 1/2	31 7/8	x 61 7/8	13.1
3/0 x 6/0	36	x 72	36 1/2	x 72 1/2	31 7/8	x 67 7/8	14.4
3/0 x 6/2	36	x 74	36 1/2	x 74 1/2	31 7/8	x 69 7/8	14.9
3/2 x 3/0	38	x 36	38 1/2	x 36 1/2	33 7/8	x 31 7/8	7.1
3/2 x 3/2	38	x 38	38 1/2	x 38 1/2	33 7/8	x 33 7/8	7.6
3/2 x 3/8	38	x 44	38 1/2	x 44 1/2	33 7/8	x 39 7/8	8.9
3/2 x 3/10	38	x 46	38 1/2	x 46 1/2	33 7/8	x 41 7/8	9.4
3/2 x 4/0	38	x 48	38 1/2	x 48 1/2	33 7/8	x 43 7/8	9.9
3/2 x 4/2	38	x 50	38 1/2	x 50 1/2	33 7/8	x 45 7/8	10.3
3/2 x 4/4	38	x 52	38 1/2	x 52 1/2	33 7/8	x 47 7/8	10.8
3/2 x 4/6	38	x 54	38 1/2	x 54 1/2	33 7/8	x 49 7/8	11.2
3/2 x 5/0	38	x 60	38 1/2	x 60 1/2	33 7/8	x 55 7/8	12.6
3/2 x 5/2	38	x 62	38 1/2	x 62 1/2	33 7/8	x 57 7/8	13.1
3/2 x 5/6	38	x 66	38 1/2	x 66 1/2	33 7/8	x 61 7/8	14.0
3/2 x 6/0	38	x 72	38 1/2	x 72 1/2	33 7/8	x 67 7/8	15.4
3/2 x 6/2	38	x 74	38 1/2	x 74 1/2	33 7/8	x 69 7/8	15.8



WEATHER STOPPER™ SERIES 2951
IMPACT RESISTANT VINYL PICTURE WINDOW
 Window Size, Rough Opening and Glass Size Information

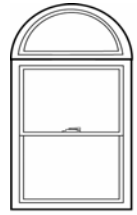
NOMINAL WINDOW SIZE	ACTUAL WINDOW SIZE (FRAME TTT)		ROUGH OPENING SIZE*		GLASS SIZE		TOTAL VISIBLE GLASS SQ. FT.
	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	
3/4 x 3/0	40	x 36	40 1/2	x 36 1/2	35 7/8	x 31 7/8	7.5
3/4 x 3/2	40	x 38	40 1/2	x 38 1/2	35 7/8	x 33 7/8	8.0
3/4 x 3/8	40	x 44	40 1/2	x 44 1/2	35 7/8	x 39 7/8	9.5
3/4 x 3/10	40	x 46	40 1/2	x 46 1/2	35 7/8	x 41 7/8	10.0
3/4 x 4/0	40	x 48	40 1/2	x 48 1/2	35 7/8	x 43 7/8	10.5
3/4 x 4/2	40	x 50	40 1/2	x 50 1/2	35 7/8	x 45 7/8	10.9
3/4 x 4/4	40	x 52	40 1/2	x 52 1/2	35 7/8	x 47 7/8	11.4
3/4 x 4/6	40	x 54	40 1/2	x 54 1/2	35 7/8	x 49 7/8	11.9
3/4 x 5/0	40	x 60	40 1/2	x 60 1/2	35 7/8	x 55 7/8	13.4
3/4 x 5/2	40	x 62	40 1/2	x 62 1/2	35 7/8	x 57 7/8	13.9
3/4 x 5/6	40	x 66	40 1/2	x 66 1/2	35 7/8	x 61 7/8	14.8
3/4 x 6/0	40	x 72	40 1/2	x 72 1/2	35 7/8	x 67 7/8	16.3
3/4 x 6/2	40	x 74	40 1/2	x 74 1/2	35 7/8	x 69 7/8	16.8
3/8 x 3/0	44	x 36	44 1/2	x 36 1/2	39 7/8	x 31 7/8	8.4
3/8 x 3/2	44	x 38	44 1/2	x 38 1/2	39 7/8	x 33 7/8	8.9
3/8 x 3/8	44	x 44	44 1/2	x 44 1/2	39 7/8	x 39 7/8	10.6
3/8 x 3/10	44	x 46	44 1/2	x 46 1/2	39 7/8	x 41 7/8	11.1
3/8 x 4/0	44	x 48	44 1/2	x 48 1/2	39 7/8	x 43 7/8	11.6
3/8 x 4/2	44	x 50	44 1/2	x 50 1/2	39 7/8	x 45 7/8	12.2
3/8 x 4/4	44	x 52	44 1/2	x 52 1/2	39 7/8	x 47 7/8	12.7
3/8 x 4/6	44	x 54	44 1/2	x 54 1/2	39 7/8	x 49 7/8	13.3
3/8 x 5/0	44	x 60	44 1/2	x 60 1/2	39 7/8	x 55 7/8	14.9
3/8 x 5/2	44	x 62	44 1/2	x 62 1/2	39 7/8	x 57 7/8	15.4
3/8 x 5/6	44	x 66	44 1/2	x 66 1/2	39 7/8	x 61 7/8	16.5
3/8 x 6/0	44	x 72	44 1/2	x 72 1/2	39 7/8	x 67 7/8	18.1
3/8 x 6/2	44	x 74	44 1/2	x 74 1/2	39 7/8	x 69 7/8	18.7
4/0 x 3/0	48	x 36	48 1/2	x 36 1/2	43 7/8	x 31 7/8	9.3
4/0 x 3/2	48	x 38	48 1/2	x 38 1/2	43 7/8	x 33 7/8	9.9
4/0 x 3/8	48	x 44	48 1/2	x 44 1/2	43 7/8	x 39 7/8	11.6
4/0 x 3/10	48	x 46	48 1/2	x 46 1/2	43 7/8	x 41 7/8	12.2
4/0 x 4/0	48	x 48	48 1/2	x 48 1/2	43 7/8	x 43 7/8	12.8
4/0 x 4/2	48	x 50	48 1/2	x 50 1/2	43 7/8	x 45 7/8	13.4
4/0 x 4/4	48	x 52	48 1/2	x 52 1/2	43 7/8	x 47 7/8	14.0
4/0 x 4/6	48	x 54	48 1/2	x 54 1/2	43 7/8	x 49 7/8	14.6
4/0 x 5/0	48	x 60	48 1/2	x 60 1/2	43 7/8	x 55 7/8	16.4
4/0 x 5/2	48	x 62	48 1/2	x 62 1/2	43 7/8	x 57 7/8	17.0
4/0 x 5/6	48	x 66	48 1/2	x 66 1/2	43 7/8	x 61 7/8	18.2
4/0 x 6/0	48	x 72	48 1/2	x 72 1/2	43 7/8	x 67 7/8	20.0
4/0 x 6/2	48	x 74	48 1/2	x 74 1/2	43 7/8	x 69 7/8	20.6



WEATHER STOPPER™ SERIES 2951
IMPACT RESISTANT VINYL PICTURE WINDOW
 Window Size, Rough Opening and Glass Size Information

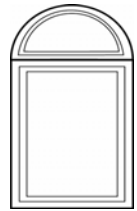
NOMINAL WINDOW SIZE	ACTUAL WINDOW SIZE (FRAME TTT)		ROUGH OPENING SIZE*		GLASS SIZE		TOTAL VISIBLE GLASS SQ. FT.
	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	
4/4 x 3/0	54	x 36	54 1/2	x 36 1/2	49 7/8	x 31 7/8	10.5
4/4 x 3/2	54	x 38	54 1/2	x 38 1/2	49 7/8	x 33 7/8	11.2
4/4 x 3/8	54	x 44	54 1/2	x 44 1/2	49 7/8	x 39 7/8	13.3
4/4 x 3/10	54	x 46	54 1/2	x 46 1/2	49 7/8	x 41 7/8	14.0
4/4 x 4/0	54	x 48	54 1/2	x 48 1/2	49 7/8	x 43 7/8	14.6
4/4 x 4/2	54	x 50	54 1/2	x 50 1/2	49 7/8	x 45 7/8	15.3
4/4 x 4/4	54	x 52	54 1/2	x 52 1/2	49 7/8	x 47 7/8	16.0
4/4 x 4/6	54	x 54	54 1/2	x 54 1/2	49 7/8	x 49 7/8	16.7
4/4 x 5/0	54	x 60	54 1/2	x 60 1/2	49 7/8	x 55 7/8	18.7
4/4 x 5/2	54	x 62	54 1/2	x 62 1/2	49 7/8	x 57 7/8	19.4
4/4 x 5/6	54	x 66	54 1/2	x 66 1/2	49 7/8	x 61 7/8	20.8
4/4 x 6/0	54	x 72	54 1/2	x 72 1/2	49 7/8	x 67 7/8	22.8
4/4 x 6/2	54	x 74	54 1/2	x 74 1/2	49 7/8	x 69 7/8	23.5
5/0 x 3/0	60	x 36	60 1/2	x 36 1/2	55 7/8	x 31 7/8	11.8
5/0 x 3/2	60	x 38	60 1/2	x 38 1/2	55 7/8	x 33 7/8	12.6
5/0 x 3/8	60	x 44	60 1/2	x 44 1/2	55 7/8	x 39 7/8	14.9
5/0 x 3/10	60	x 46	60 1/2	x 46 1/2	55 7/8	x 41 7/8	15.7
5/0 x 4/0	60	x 48	60 1/2	x 48 1/2	55 7/8	x 43 7/8	16.4
5/0 x 4/2	60	x 50	60 1/2	x 50 1/2	55 7/8	x 45 7/8	17.2
5/0 x 4/4	60	x 52	60 1/2	x 52 1/2	55 7/8	x 47 7/8	18.0
5/0 x 4/6	60	x 54	60 1/2	x 54 1/2	55 7/8	x 49 7/8	18.7
5/0 x 5/0	60	x 60	60 1/2	x 60 1/2	55 7/8	x 55 7/8	21.0
5/0 x 5/2	60	x 62	60 1/2	x 62 1/2	55 7/8	x 57 7/8	21.8
5/0 x 5/6	60	x 66	60 1/2	x 66 1/2	55 7/8	x 61 7/8	23.3
5/0 x 6/0	60	x 72	60 1/2	x 72 1/2	55 7/8	x 67 7/8	25.6
5/0 x 6/2	60	x 74	60 1/2	x 74 1/2	55 7/8	x 69 7/8	26.4
6/0 x 3/0	72	x 36	72 1/2	x 36 1/2	67 7/8	x 31 7/8	14.4
6/0 x 3/2	72	x 38	72 1/2	x 38 1/2	67 7/8	x 33 7/8	15.4
6/0 x 3/8	72	x 44	72 1/2	x 44 1/2	67 7/8	x 39 7/8	18.1
6/0 x 3/10	72	x 46	72 1/2	x 46 1/2	67 7/8	x 41 7/8	19.1
6/0 x 4/0	72	x 48	72 1/2	x 48 1/2	67 7/8	x 43 7/8	20.0
6/0 x 4/2	72	x 50	72 1/2	x 50 1/2	67 7/8	x 45 7/8	20.9
6/0 x 4/4	72	x 52	72 1/2	x 52 1/2	67 7/8	x 47 7/8	21.9
6/0 x 4/6	72	x 54	72 1/2	x 54 1/2	67 7/8	x 49 7/8	22.8
6/0 x 5/0	72	x 60	72 1/2	x 60 1/2	67 7/8	x 55 7/8	25.6

WEATHER STOPPER™ SERIES 2961
IMPACT RESISTANT VINYL HALF ROUNDS
 Window Size, Rough Opening and Glass Size Information



Align over Series 2901 Single Hung- Single Hung Unit

NOMINAL WINDOW SIZE	ALIGN OVER SINGLE HUNG	ACTUAL WINDOW SIZE (FRAME TTT)		ROUGH OPENING SIZE*		GLASS SIZE		VISIBLE GLASS SQ. FT.
		WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	
2/0	2/0 SINGLE HUNG	24	x 14 1/16	24 1/2	x 14 9/16	19 5/8	x 9 13/16	0.9
2/4	2/4 SINGLE HUNG	28	x 16 1/16	28 1/2	x 16 9/16	23 5/8	x 11 13/16	1.4
2/8	2/8 SINGLE HUNG	32	x 18 1/16	32 1/2	x 18 9/16	27 5/8	x 13 13/16	1.9
3/0	3/0 SINGLE HUNG	36	x 20 1/16	36 1/2	x 20 9/16	31 5/8	x 15 13/16	2.5

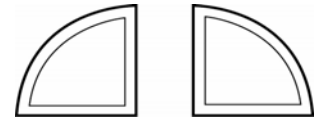


Align over Series 2951 Single Picture Window

NOMINAL WINDOW SIZE	ALIGN OVER PICTURE WINDOW	ACTUAL WINDOW SIZE (FRAME TTT)		ROUGH OPENING SIZE*		GLASS SIZE		VISIBLE GLASS SQ. FT.
		WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	
2/0	2951 PW	24	x 14 1/16	24 1/2	x 14 9/16	19 5/8	x 9 13/16	0.9
3/0	2951 PW	36	x 20 1/16	36 1/2	x 20 9/16	31 5/8	x 15 13/16	2.5
4/0	2951 PW	48	x 26 1/16	48 1/2	x 26 9/16	43 5/8	x 21 13/16	4.9
4/6	2951 PW	54	x 29 1/16	54 1/2	x 29 9/16	49 5/8	x 24 13/16	6.4
5/0	2951 PW	60	x 32 1/16	60 1/2	x 32 9/16	55 5/8	x 27 13/16	8.0
6/0	2951 PW	72	x 38 1/16	72 1/2	x 38 9/16	67 5/8	x 33 13/16	12.0

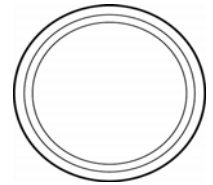
WEATHER STOPPER™ SERIES 2960
IMPACT RESISTANT GEOMETRIC SHAPES
 Window Size, Rough Opening and Glass Size Information

WEATHER STOPPER™ SERIES 2962 VINYL QUARTER CIRCLES



NOMINAL WINDOW SIZE	ACTUAL WINDOW SIZE	ROUGH OPENING SIZE*			GLASS SIZE			VISIBLE GLASS SQ. FT.
		WIDTH		HEIGHT	WIDTH		HEIGHT	
1/6	18	18 1/2	x	18 1/2	13 5/8	x	13 5/8	0.9
1/8	20	20 1/2	x	20 1/2	15 5/8	x	15 5/8	1.2
2/0	24	24 1/2	x	24 1/2	19 5/8	x	19 5/8	1.9
2/4	28	28 1/2	x	28 1/2	23 5/8	x	23 5/8	2.9
2/8	32	32 1/2	x	32 1/2	27 5/8	x	27 5/8	4.2
3/0	36	36 1/2	x	36 1/2	31 5/8	x	31 5/8	5.5

WEATHER STOPPER™ SERIES 2968 VINYL FULL CIRCLES

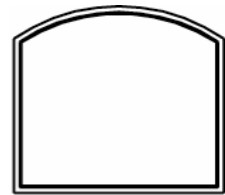


NOMINAL WINDOW SIZE	ACTUAL WINDOW SIZE	ROUGH OPENING SIZE*			GLASS SIZE			VISIBLE GLASS SQ. FT.
		WIDTH		HEIGHT	WIDTH		HEIGHT	
2/0	24	24 1/2	x	24 1/2	19 5/8	x	19 5/8	1.9
2/4	28	28 1/2	x	28 1/2	23 5/8	x	23 5/8	2.9
2/8	32	32 1/2	x	32 1/2	27 5/8	x	27 5/8	4.2
3/0	36	36 1/2	x	36 1/2	31 5/8	x	31 5/8	5.5

WEATHER STOPPER™ SERIES 2966 VINYL OCTAGONS



NOMINAL WINDOW SIZE	ACTUAL WINDOW SIZE	ROUGH OPENING SIZE*			GLASS SIZE			VISIBLE GLASS SQ. FT.
		WIDTH		HEIGHT	WIDTH		HEIGHT	
2/0	24	24 1/2	x	24 1/2	19 5/8	x	19 5/8	2.1
2/4	28	28 1/2	x	28 1/2	23 5/8	x	23 5/8	3.0
2/8	32	32 1/2	x	32 1/2	27 5/8	x	27 5/8	4.2
3/0	36	36 1/2	x	36 1/2	31 5/8	x	31 5/8	5.5

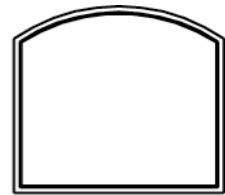


**WEATHER STOPPER™ SERIES 2963
 IMPACT RESISTANT EYEBROW WINDOWS**

Model #, Window Size, Rough Opening, Glass Size, Visible Glass Area

Model # is for units without grilles, same sizes apply to units with grilles

MODEL #	ACTUAL WINDOW SIZE				ROUGH OPENING SIZE*		GLASS SIZE SIZE		VISIBLE GLASS SQ. FT.
	WIDTH	SHOULDER	CORD	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	
IM29-E2406	24	6	4	10	24 1/2	x 10 1/2	19 3/4	x 5 3/4	0.6
IM29-E2412	24	12	4	16	24 1/2	x 16 1/2	19 3/4	x 11 3/4	1.4
IM29-E2424	24	24	4	28	24 1/2	x 28 1/2	19 3/4	x 23 3/4	2.9
IM29-E2436	24	36	4	40	24 1/2	x 40 1/2	19 3/4	x 35 3/4	4.5
IM29-E2442	24	42	4	46	24 1/2	x 46 1/2	19 3/4	x 41 3/4	5.3
IM29-E2448	24	48	4	52	24 1/2	x 52 1/2	19 3/4	x 47 3/4	6.1
IM29-E2454	24	54	4	58	24 1/2	x 58 1/2	19 3/4	x 53 3/4	6.9
IM29-E2460	24	60	4	64	24 1/2	x 64 1/2	19 3/4	x 59 3/4	7.7
IM29-E2466	24	66	4	70	24 1/2	x 70 1/2	19 3/4	x 65 3/4	8.4
IM29-E2806	28	6	5	11	28 1/2	x 11 1/2	23 3/4	x 6 3/4	0.8
IM29-E2812	28	12	5	17	28 1/2	x 17 1/2	23 3/4	x 12 3/4	1.8
IM29-E2824	28	24	5	29	28 1/2	x 29 1/2	23 3/4	x 24 3/4	3.7
IM29-E2836	28	36	5	41	28 1/2	x 41 1/2	23 3/4	x 36 3/4	5.6
IM29-E2842	28	42	5	47	28 1/2	x 47 1/2	23 3/4	x 42 3/4	6.5
IM29-E2848	28	48	5	53	28 1/2	x 53 1/2	23 3/4	x 48 3/4	7.5
IM29-E2854	28	54	5	59	28 1/2	x 59 1/2	23 3/4	x 54 3/4	8.4
IM29-E2860	28	60	5	65	28 1/2	x 65 1/2	23 3/4	x 60 3/4	9.4
IM29-E2866	28	66	5	71	28 1/2	x 71 1/2	23 3/4	x 66 3/4	10.3
IM29-E3206	32	6	6 1/8	12 1/8	32 1/2	x 12 5/8	27 3/4	x 7 7/8	1.1
IM29-E3212	32	12	6 1/8	18 1/8	32 1/2	x 18 5/8	27 3/4	x 13 7/8	2.2
IM29-E3224	32	24	6 1/8	30 1/8	32 1/2	x 30 5/8	27 3/4	x 25 7/8	4.5
IM29-E3236	32	36	6 1/8	42 1/8	32 1/2	x 42 5/8	27 3/4	x 37 7/8	6.7
IM29-E3242	32	42	6 1/8	48 1/8	32 1/2	x 48 5/8	27 3/4	x 43 7/8	7.8
IM29-E3248	32	48	6 1/8	54 1/8	32 1/2	x 54 5/8	27 3/4	x 49 7/8	8.9
IM29-E3254	32	54	6 1/8	60 1/8	32 1/2	x 60 5/8	27 3/4	x 55 7/8	10.1
IM29-E3260	32	60	6 1/8	66 1/8	32 1/2	x 66 5/8	27 3/4	x 61 7/8	11.2
IM29-E3266	32	66	6 1/8	72 1/8	32 1/2	x 72 5/8	27 3/4	x 67 7/8	12.3
IM29-E3606	36	6	6 9/16	12 9/16	36 1/2	x 13 1/16	31 3/4	x 8 5/16	1.3
IM29-E3612	36	12	6 9/16	18 9/16	36 1/2	x 19 1/16	31 3/4	x 14 5/16	2.6
IM29-E3624	36	24	6 9/16	30 9/16	36 1/2	x 31 1/16	31 3/4	x 26 5/16	5.2
IM29-E3636	36	36	6 9/16	42 9/16	36 1/2	x 43 1/16	31 3/4	x 38 5/16	7.8
IM29-E3642	36	42	6 9/16	48 9/16	36 1/2	x 49 1/16	31 3/4	x 44 5/16	9.1
IM29-E3648	36	48	6 9/16	54 9/16	36 1/2	x 55 1/16	31 3/4	x 50 5/16	10.3
IM29-E3654	36	54	6 9/16	60 9/16	36 1/2	x 61 1/16	31 3/4	x 56 5/16	11.6
IM29-E3660	36	60	6 9/16	66 9/16	36 1/2	x 67 1/16	31 3/4	x 62 5/16	12.9
IM29-E3666	36	66	6 9/16	72 9/16	36 1/2	x 73 1/16	31 3/4	x 68 5/16	14.2
IM29-E4006	40	6	7	13	40 1/2	x 13 1/2	35 3/4	x 8 3/4	1.6
IM29-E4012	40	12	7	19	40 1/2	x 19 1/2	35 3/4	x 14 3/4	3.0
IM29-E4024	40	24	7	31	40 1/2	x 31 1/2	35 3/4	x 26 3/4	5.9
IM29-E4036	40	36	7	43	40 1/2	x 43 1/2	35 3/4	x 38 3/4	8.8
IM29-E4042	40	42	7	49	40 1/2	x 49 1/2	35 3/4	x 44 3/4	10.3
IM29-E4048	40	48	7	55	40 1/2	x 55 1/2	35 3/4	x 50 3/4	11.7
IM29-E4054	40	54	7	61	40 1/2	x 61 1/2	35 3/4	x 56 3/4	13.2
IM29-E4060	40	60	7	67	40 1/2	x 67 1/2	35 3/4	x 62 3/4	14.7
IM29-E4066	40	66	7	73	40 1/2	x 73 1/2	35 3/4	x 68 3/4	16.1

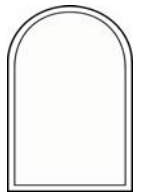


**WEATHER STOPPER™ SERIES 2963
 IMPACT RESISTANT EYEBROW WINDOWS**

Model #, Window Size, Rough Opening, Glass Size, Visible Glass Area

Model # is for units without grilles, same sizes apply to units with grilles

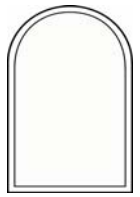
MODEL #	ACTUAL WINDOW SIZE				ROUGH OPENING SIZE*		GLASS SIZE SIZE		VISIBLE GLASS SQ. FT.
	WIDTH	SHOULDER	CORD	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	
IM29-E4406	44	6	7 1/2	13 1/2	44 1/2	x 14	39 3/4	x 9 1/4	1.8
IM29-E4412	44	12	7 1/2	19 1/2	44 1/2	x 20	39 3/4	x 15 1/4	3.5
IM29-E4424	44	24	7 1/2	31 1/2	44 1/2	x 32	39 3/4	x 27 1/4	6.7
IM29-E4436	44	36	7 1/2	43 1/2	44 1/2	x 44	39 3/4	x 39 1/4	9.9
IM29-E4442	44	42	7 1/2	49 1/2	44 1/2	x 50	39 3/4	x 45 1/4	11.6
IM29-E4448	44	48	7 1/2	55 1/2	44 1/2	x 56	39 3/4	x 51 1/4	13.2
IM29-E4454	44	54	7 1/2	61 1/2	44 1/2	x 62	39 3/4	x 57 1/4	14.8
IM29-E4460	44	60	7 1/2	67 1/2	44 1/2	x 68	39 3/4	x 63 1/4	16.4
IM29-E4466	44	66	7 1/2	73 1/2	44 1/2	x 74	39 3/4	x 69 1/4	18.0
IM29-E4706	47 1/2	6	8 1/4	14 1/4	48	x 14 3/4	43 1/4	x 10	2.2
IM29-E4712	47 1/2	12	8 1/4	20 1/4	48	x 20 3/4	43 1/4	x 16	3.9
IM29-E4724	47 1/2	24	8 1/4	32 1/4	48	x 32 3/4	43 1/4	x 28	7.5
IM29-E4736	47 1/2	36	8 1/4	44 1/4	48	x 44 3/4	43 1/4	x 40	11.0
IM29-E4742	47 1/2	42	8 1/4	50 1/4	48	x 50 3/4	43 1/4	x 46	12.8
IM29-E4748	47 1/2	48	8 1/4	56 1/4	48	x 56 3/4	43 1/4	x 52	14.5
IM29-E4754	47 1/2	54	8 1/4	62 1/4	48	x 62 3/4	43 1/4	x 58	16.3
IM29-E4760	47 1/2	60	8 1/4	68 1/4	48	x 68 3/4	43 1/4	x 64	18.1
IM29-E4766	47 1/2	66	8 1/4	74 1/4	48	x 74 3/4	43 1/4	x 70	19.8
IM29-E5506	55 1/2	6	9 1/4	15 1/4	56	x 15 3/4	51 1/4	x 11	2.8
IM29-E5512	55 1/2	12	9 1/4	21 1/4	56	x 21 3/4	51 1/4	x 17	4.9
IM29-E5524	55 1/2	24	9 1/4	33 1/4	56	x 33 3/4	51 1/4	x 29	9.1
IM29-E5536	55 1/2	36	9 1/4	45 1/4	56	x 45 3/4	51 1/4	x 41	13.3
IM29-E5542	55 1/2	42	9 1/4	51 1/4	56	x 51 3/4	51 1/4	x 47	15.4
IM29-E5548	55 1/2	48	9 1/4	57 1/4	56	x 57 3/4	51 1/4	x 53	17.5
IM29-E5554	55 1/2	54	9 1/4	63 1/4	56	x 63 3/4	51 1/4	x 59	19.6
IM29-E5560	55 1/2	60	9 1/4	69 1/4	56	x 69 3/4	51 1/4	x 65	21.7
IM29-E5566	55 1/2	66	9 1/4	75 1/4	56	x 75 3/4	51 1/4	x 71	23.8
IM29-E6306	63 1/2	6	10 3/4	16 3/4	64	x 17 1/4	59 1/4	x 12 1/2	3.7
IM29-E6312	63 1/2	12	10 3/4	22 3/4	64	x 23 1/4	59 1/4	x 18 1/2	6.1
IM29-E6324	63 1/2	24	10 3/4	34 3/4	64	x 35 1/4	59 1/4	x 30 1/2	11.0
IM29-E6336	63 1/2	36	10 3/4	46 3/4	64	x 47 1/4	59 1/4	x 42 1/2	15.8
IM29-E6342	63 1/2	42	10 3/4	52 3/4	64	x 53 1/4	59 1/4	x 48 1/2	18.3
IM29-E6348	63 1/2	48	10 3/4	58 3/4	64	x 59 1/4	59 1/4	x 54 1/2	20.7
IM29-E6354	63 1/2	54	10 3/4	64 3/4	64	x 65 1/4	59 1/4	x 60 1/2	23.1
IM29-E7106	71 1/2	6	10 7/8	16 7/8	72	x 17 3/8	67 1/4	x 12 5/8	4.2
IM29-E7112	71 1/2	12	10 7/8	22 7/8	72	x 23 3/8	67 1/4	x 18 5/8	7.0
IM29-E7124	71 1/2	24	10 7/8	34 7/8	72	x 35 3/8	67 1/4	x 30 5/8	12.5
IM29-E7136	71 1/2	36	10 7/8	46 7/8	72	x 47 3/8	67 1/4	x 42 5/8	18.0
IM29-E7142	71 1/2	42	10 7/8	52 7/8	72	x 53 3/8	67 1/4	x 48 5/8	20.8
IM29-E7148	71 1/2	48	10 7/8	58 7/8	72	x 59 3/8	67 1/4	x 54 5/8	23.6



**WEATHER STOPPER™ SERIES 2964
 IMPACT RESISTANT PALLADIAN WINDOW UNITS**

Model #, Window Size, Rough Opening, Glass Size, Visible Glass Area
 Model # is for units without grilles, same sizes apply to units with grilles

MODEL #	ACTUAL WINDOW SIZE			ROUGH OPENING SIZE*			GLASS SIZE		VISIBLE GLASS SQ. FT.	
	WIDTH	HEIGHT		WIDTH	HEIGHT		WIDTH	HEIGHT		
IM29-P2436	24	x	36	24 1/2	x	36 1/2	19 3/4	x	31 3/4	3.8
IM29-P2444	24	x	44	24 1/2	x	44 1/2	19 3/4	x	39 3/4	4.8
IM29-P2448	24	x	48	24 1/2	x	48 1/2	19 3/4	x	43 3/4	5.4
IM29-P2452	24	x	52	24 1/2	x	52 1/2	19 3/4	x	47 3/4	5.9
IM29-P2454	24	x	54	24 1/2	x	54 1/2	19 3/4	x	49 3/4	6.1
IM29-P2460	24	x	60	24 1/2	x	60 1/2	19 3/4	x	55 3/4	6.9
IM29-P2466	24	x	66	24 1/2	x	66 1/2	19 3/4	x	61 3/4	7.7
IM29-P2472	24	x	72	24 1/2	x	72 1/2	19 3/4	x	67 3/4	8.5
IM29-P2836	28	x	36	28 1/2	x	36 1/2	23 3/4	x	31 3/4	4.5
IM29-P2844	28	x	44	28 1/2	x	44 1/2	23 3/4	x	39 3/4	5.8
IM29-P2848	28	x	48	28 1/2	x	48 1/2	23 3/4	x	43 3/4	6.4
IM29-P2852	28	x	52	28 1/2	x	52 1/2	23 3/4	x	47 3/4	7.1
IM29-P2854	28	x	54	28 1/2	x	54 1/2	23 3/4	x	49 3/4	7.4
IM29-P2860	28	x	60	28 1/2	x	60 1/2	23 3/4	x	55 3/4	8.3
IM29-P2866	28	x	66	28 1/2	x	66 1/2	23 3/4	x	61 3/4	9.3
IM29-P2872	28	x	72	28 1/2	x	72 1/2	23 3/4	x	67 3/4	10.2
IM29-P3236	32	x	36	32 1/2	x	36 1/2	27 3/4	x	31 3/4	5.2
IM29-P3244	32	x	44	32 1/2	x	44 1/2	27 3/4	x	39 3/4	6.7
IM29-P3248	32	x	48	32 1/2	x	48 1/2	27 3/4	x	43 3/4	7.5
IM29-P3252	32	x	52	32 1/2	x	52 1/2	27 3/4	x	47 3/4	8.2
IM29-P3254	32	x	54	32 1/2	x	54 1/2	27 3/4	x	49 3/4	8.6
IM29-P3260	32	x	60	32 1/2	x	60 1/2	27 3/4	x	55 3/4	9.7
IM29-P3266	32	x	66	32 1/2	x	66 1/2	27 3/4	x	61 3/4	10.8
IM29-P3272	32	x	72	32 1/2	x	72 1/2	27 3/4	x	67 3/4	11.9
IM29-P3636	36	x	36	36 1/2	x	36 1/2	31 3/4	x	31 3/4	5.9
IM29-P3644	36	x	44	36 1/2	x	44 1/2	31 3/4	x	39 3/4	7.6
IM29-P3648	36	x	48	36 1/2	x	48 1/2	31 3/4	x	43 3/4	8.5
IM29-P3652	36	x	52	36 1/2	x	52 1/2	31 3/4	x	47 3/4	9.3
IM29-P3654	36	x	54	36 1/2	x	54 1/2	31 3/4	x	49 3/4	9.8
IM29-P3660	36	x	60	36 1/2	x	60 1/2	31 3/4	x	55 3/4	11.1
IM29-P3666	36	x	66	36 1/2	x	66 1/2	31 3/4	x	61 3/4	12.3
IM29-P3672	36	x	72	36 1/2	x	72 1/2	31 3/4	x	67 3/4	13.6
IM29-P4036	40	x	36	40 1/2	x	36 1/2	35 3/4	x	31 3/4	6.6
IM29-P4044	40	x	44	40 1/2	x	44 1/2	35 3/4	x	39 3/4	8.5
IM29-P4048	40	x	48	40 1/2	x	48 1/2	35 3/4	x	43 3/4	9.5
IM29-P4052	40	x	52	40 1/2	x	52 1/2	35 3/4	x	47 3/4	10.4
IM29-P4054	40	x	54	40 1/2	x	54 1/2	35 3/4	x	49 3/4	10.9
IM29-P4060	40	x	60	40 1/2	x	60 1/2	35 3/4	x	55 3/4	12.4
IM29-P4066	40	x	66	40 1/2	x	66 1/2	35 3/4	x	61 3/4	13.8
IM29-P4072	40	x	72	40 1/2	x	72 1/2	35 3/4	x	67 3/4	15.3
IM29-P4436	44	x	36	44 1/2	x	36 1/2	39 3/4	x	31 3/4	7.2
IM29-P4444	44	x	44	44 1/2	x	44 1/2	39 3/4	x	39 3/4	9.4
IM29-P4448	44	x	48	44 1/2	x	48 1/2	39 3/4	x	43 3/4	10.4
IM29-P4452	44	x	52	44 1/2	x	52 1/2	39 3/4	x	47 3/4	11.5
IM29-P4454	44	x	54	44 1/2	x	54 1/2	39 3/4	x	49 3/4	12.1
IM29-P4460	44	x	60	44 1/2	x	60 1/2	39 3/4	x	55 3/4	13.7
IM29-P4466	44	x	66	44 1/2	x	66 1/2	39 3/4	x	61 3/4	15.3
IM29-P4472	44	x	72	44 1/2	x	72 1/2	39 3/4	x	67 3/4	16.9



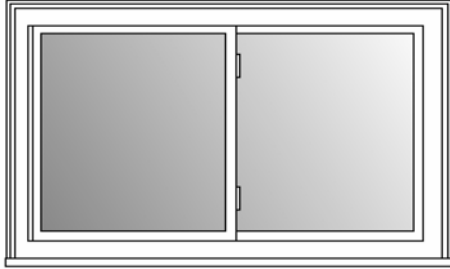
**WEATHER STOPPER™ SERIES 2964
 IMPACT RESISTANT PALLADIAN WINDOW UNITS**

Model #, Window Size, Rough Opening, Glass Size, Visible Glass Area
 Model # is for units without grilles, same sizes apply to units with grilles

MODEL #	ACTUAL WINDOW SIZE			ROUGH OPENING SIZE*			GLASS SIZE			VISIBLE GLASS SQ. FT.
	WIDTH	HEIGHT		WIDTH	HEIGHT		WIDTH	HEIGHT		
IM29-P4736	47 1/2	x	36	48	x	36 1/2	43 1/4	x	31 3/4	7.7
IM29-P4744	47 1/2	x	44	48	x	44 1/2	43 1/4	x	39 3/4	10.1
IM29-P4748	47 1/2	x	48	48	x	48 1/2	43 1/4	x	43 3/4	11.3
IM29-P4752	47 1/2	x	52	48	x	52 1/2	43 1/4	x	47 3/4	12.5
IM29-P4754	47 1/2	x	54	48	x	54 1/2	43 1/4	x	49 3/4	13.0
IM29-P4760	47 1/2	x	60	48	x	60 1/2	43 1/4	x	55 3/4	14.8
IM29-P4766	47 1/2	x	66	48	x	66 1/2	43 1/4	x	61 3/4	16.6
IM29-P4772	47 1/2	x	72	48	x	72 1/2	43 1/4	x	67 3/4	18.3
IM29-P5536	55 1/2	x	36	56	x	36 1/2	51 1/4	x	31 3/4	8.9
IM29-P5544	55 1/2	x	44	56	x	44 1/2	51 1/4	x	39 3/4	11.7
IM29-P5548	55 1/2	x	48	56	x	48 1/2	51 1/4	x	43 3/4	13.1
IM29-P5552	55 1/2	x	52	56	x	52 1/2	51 1/4	x	47 3/4	14.5
IM29-P5554	55 1/2	x	54	56	x	54 1/2	51 1/4	x	49 3/4	15.2
IM29-P5560	55 1/2	x	60	56	x	60 1/2	51 1/4	x	55 3/4	17.3
IM29-P5566	55 1/2	x	66	56	x	66 1/2	51 1/4	x	61 3/4	19.4
IM29-P5572	55 1/2	x	72	56	x	72 1/2	51 1/4	x	67 3/4	21.5
IM29-P6344	63 1/2	x	44	64	x	44 1/2	59 1/4	x	39 3/4	13.2
IM29-P6348	63 1/2	x	48	64	x	48 1/2	59 1/4	x	43 3/4	14.8
IM29-P6352	63 1/2	x	52	64	x	52 1/2	59 1/4	x	47 3/4	16.5
IM29-P6354	63 1/2	x	54	64	x	54 1/2	59 1/4	x	49 3/4	17.3
IM29-P6360	63 1/2	x	60	64	x	60 1/2	59 1/4	x	55 3/4	19.7
IM29-P6366	63 1/2	x	66	64	x	66 1/2	59 1/4	x	61 3/4	22.1
IM29-P7148	71 1/2	x	48	72	x	48 1/2	67 1/4	x	43 3/4	16.5
IM29-P7152	71 1/2	x	52	72	x	52 1/2	67 1/4	x	47 3/4	18.3
IM29-P7154	71 1/2	x	54	72	x	54 1/2	67 1/4	x	49 3/4	19.2
IM29-P7160	71 1/2	x	60	72	x	60 1/2	67 1/4	x	55 3/4	22.0

WEATHER STOPPER™ SERIES 8700
IMPACT RESISTANT REPLACEMENT SLIDER WINDOW
 Window Size, Glass Size, Daylight Opening Area and Egress Information

Minimum Window Size		Maximum Window Size	
Width	22"	Width	73"
Height	14¼"	Height	63"
Maximum Size - 136 United Inches			



Glass Size		
	Width	Height
Both Sashes	(WW/2) - 2.938"	WH - 5.875"

Daylight Opening Area
 Daylight opening is defined as the visible area of glass in a window.

	Width	Height
Both Sashes	(WW/2) - 2.063"	WH - 5"

Egress (Clear Opening) Formula

Width	Height
(WW/2) - 5.5625"	WH - 4.5"

Egress Size Reference Chart

H E I G H T	W	I	D	T	H		
	48"	52"	56"	60"	64"	68"	73"
22"							
26"							
30"							
34"						E	E
38"					E	E	E
42"			E	E	E	E	E
46"		E	E	E	E	E	E
50"		E	E	E	E	E	E
54"		E	E	E	E	E	E
58"		E	E	E	E	E	E
63"		E	E	E	E	E	E

- E** Denotes that a window meets egress
 In order for a window to meet egress, the following criteria must be met:
- Minimum 20" net opening in width
 - Minimum 24" net opening in height
 - Minimum 5.70 sq. ft. opening area

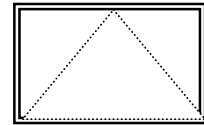
**SERIES 7551 VINYL NEW CONSTRUCTION
IMPACT RESISTANT CASEMENT WINDOW**
Window Size, Rough Opening, Clear Opening and Glass Size Information



WINDOW CODE	ACTUAL WINDOW SIZE (FRAME TTT)		ROUGH OPENING SIZE*		CLEAR OPENING WITH STANDARD HARDWARE		CLEAR OPENING SQ. FT.	CLEAR OPENING WITH EGRESS HARDWARE		CLEAR OPENING SQ. FT.	GLASS SIZE		TOTAL VISIBLE GLASS SQ. FT.
	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT		WIDTH	HEIGHT		WIDTH	HEIGHT	
C1-1724	17	x 24 1/8	17 1/2	x 24 5/8	7 5/8	x 19 5/8	1.04	-	-	12 1/8	x 19 3/8	1.45	
C1-1728	17	x 28 3/8	17 1/2	x 28 7/8	7 5/8	x 23 7/8	1.26	-	-	12 1/8	x 23 5/8	1.78	
C1-1735	17	x 35 15/16	17 1/2	x 36 7/16	7 5/8	x 31 7/16	1.66	-	-	12 1/8	x 31 3/16	2.37	
C1-1740	17	x 40 13/16	17 1/2	x 41 5/16	7 5/8	x 36 5/16	1.92	-	-	12 1/8	x 36 1/16	2.75	
C1-1748	17	x 48	17 1/2	x 48 1/2	7 5/8	x 43 1/2	2.30	-	-	12 1/8	x 43 1/4	3.31	
C1-1752	17	x 52 13/16	17 1/2	x 53 5/16	7 5/8	x 48 5/16	2.56	-	-	12 1/8	x 48 1/16	3.69	
C1-1759	17	x 59 7/8	17 1/2	x 60 3/8	7 5/8	x 55 3/8	2.93	-	-	12 1/8	x 55 1/8	4.24	
C1-1764	17	x 64 13/16	17 1/2	x 65 5/16	7 5/8	x 60 5/16	3.19	-	-	12 1/8	x 60 1/16	4.62	
C1-2024	20 1/2	x 24 1/8	21	x 24 5/8	11 1/8	x 19 5/8	1.52	-	-	15 5/8	x 19 3/8	1.89	
C1-2028	20 1/2	x 28 3/8	21	x 28 7/8	11 1/8	x 23 7/8	1.84	-	-	15 5/8	x 23 5/8	2.33	
C1-2035	20 1/2	x 35 15/16	21	x 36 7/16	11 1/8	x 31 7/16	2.43	-	-	15 5/8	x 31 3/16	3.10	
C1-2040	20 1/2	x 40 13/16	21	x 41 5/16	11 1/8	x 36 5/16	2.81	-	-	15 5/8	x 36 1/16	3.60	
C1-2048	20 1/2	x 48	21	x 48 1/2	11 1/8	x 43 1/2	3.36	-	-	15 5/8	x 43 1/4	4.34	
C1-2052	20 1/2	x 52 13/16	21	x 53 5/16	11 1/8	x 48 5/16	3.73	-	-	15 5/8	x 48 1/16	4.83	
C1-2059	20 1/2	x 59 7/8	21	x 60 3/8	11 1/8	x 55 3/8	4.28	-	-	15 5/8	x 55 1/8	5.56	
C1-2064	20 1/2	x 64 13/16	21	x 65 5/16	11 1/8	x 60 5/16	4.66	-	-	15 5/8	x 60 1/16	6.06	
C1-2424	24 1/8	x 24 1/8	24 5/8	x 24 5/8	14 3/4	x 19 5/8	2.01	-	-	19 1/4	x 19 3/8	2.36	
C1-2428	24 1/8	x 28 3/8	24 5/8	x 28 7/8	14 3/4	x 23 7/8	2.45	-	-	19 1/4	x 23 5/8	2.90	
C1-2435	24 1/8	x 35 15/16	24 5/8	x 36 7/16	14 3/4	x 31 7/16	3.22	-	-	19 1/4	x 31 3/16	3.87	
C1-2440	24 1/8	x 40 13/16	24 5/8	x 41 5/16	14 3/4	x 36 5/16	3.72	-	-	19 1/4	x 36 1/16	4.49	
C1-2448	24 1/8	x 48	24 5/8	x 48 1/2	14 3/4	x 43 1/2	4.46	-	-	19 1/4	x 43 1/4	5.41	
C1-2452	24 1/8	x 52 13/16	24 5/8	x 53 5/16	14 3/4	x 48 5/16	4.95	-	-	19 1/4	x 48 1/16	6.02	
C1-2459	24 1/8	x 59 7/8	24 5/8	x 60 3/8	14 3/4	x 55 3/8	5.67	-	-	19 1/4	x 55 1/8	6.92	
C1-2464	24 1/8	x 64 13/16	24 5/8	x 65 5/16	14 3/4	x 60 5/16	6.18	-	-	19 1/4	x 60 1/16	7.55	
C1-2824	28 3/8	x 24 1/8	28 7/8	x 24 5/8	19	x 19 5/8	2.59	-	-	23 1/2	x 19 3/8	2.91	
C1-2828	28 3/8	x 28 3/8	28 7/8	x 28 7/8	19	x 23 7/8	3.15	-	-	23 1/2	x 23 5/8	3.57	
C1-2835	28 3/8	x 35 15/16	28 7/8	x 36 7/16	19	x 31 7/16	4.15	-	-	23 1/2	x 31 3/16	4.76	
C1-2840	28 3/8	x 40 13/16	28 7/8	x 41 5/16	19	x 36 5/16	4.79	-	-	23 1/2	x 36 1/16	5.53	
C1-2848	28 3/8	x 48	28 7/8	x 48 1/2	19	x 43 1/2	5.74	21 3/4	x 43 1/2	6.57	23 1/2	x 43 1/4	6.66
C1-2852	28 3/8	x 52 13/16	28 7/8	x 53 5/16	19	x 48 5/16	6.37	21 3/4	x 48 5/16	7.30	23 1/2	x 48 1/16	7.41
C1-2859	28 3/8	x 59 7/8	28 7/8	x 60 3/8	19	x 55 3/8	7.31	21 3/4	x 55 3/8	8.36	23 1/2	x 55 1/8	8.52
C1-2864	28 3/8	x 64 13/16	28 7/8	x 65 5/16	19	x 60 5/16	7.96	21 3/4	x 60 5/16	9.11	23 1/2	x 60 1/16	9.30

SERIES 7451 IMPACT RESISTANT VINYL SINGLE VENT AWNING WINDOW

Window Size, Rough Opening, Clear Opening
and Glass Size Information



WINDOW CODE	ACTUAL WINDOW SIZE (FRAME TTT)		ROUGH OPENING SIZE*			GLASS SIZE		TOTAL VISIBLE GLASS SQ. FT.
	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT		
A1-2417	24 1/8	x 17	24 5/8	x 17 1/2	19 1/4	x 12 3/16	1.44	
A1-2420	24 1/8	x 20 1/2	24 5/8	x 21	19 1/4	x 15 11/16	1.89	
A1-2424	24 1/8	x 24 1/8	24 5/8	x 24 5/8	19 1/4	x 19 5/16	2.35	
A1-2428	24 1/8	x 28 3/8	24 5/8	x 28 7/8	19 1/4	x 23 9/16	2.90	
A1-2817	28 3/8	x 17	28 7/8	x 17 1/2	23 1/2	x 12 3/16	1.78	
A1-2820	28 3/8	x 20 1/2	28 7/8	x 21	23 1/2	x 15 11/16	2.33	
A1-2824	28 3/8	x 24 1/8	28 7/8	x 24 5/8	23 1/2	x 19 5/16	2.90	
A1-3517	35 15/16	x 17	36 7/16	x 17 1/2	31 1/16	x 12 3/16	2.37	
A1-3520	35 15/16	x 20 1/2	36 7/16	x 21	31 1/16	x 15 11/16	3.11	
A1-3524	35 15/16	x 24 1/8	36 7/16	x 24 5/8	31 1/16	x 19 5/16	3.87	
A1-3528	35 15/16	x 28 3/8	36 7/16	x 28 7/8	31 1/16	x 23 9/16	4.76	
A1-4017	40 13/16	x 17	41 5/16	x 17 1/2	35 15/16	x 12 3/16	2.75	
A1-4020	40 13/16	x 20 1/2	41 5/16	x 21	35 15/16	x 15 11/16	3.61	
A1-4024	40 13/16	x 24 1/8	41 5/16	x 24 5/8	35 15/16	x 19 5/16	4.49	
A1-4817	48	x 17	48 1/2	x 17 1/2	43 1/8	x 12 3/16	3.32	
A1-4820	48	x 20 1/2	48 1/2	x 21	43 1/8	x 15 11/16	4.35	
A1-4824	48	x 24 1/8	48 1/2	x 24 5/8	43 1/8	x 19 5/16	5.41	