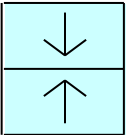




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SERIES 7220 QUIETLINE DOUBLE HUNG WINDOW

clear opening, glass size, and visible glass information



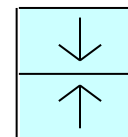
SIZE	BS	ROUGH OPENING SIZE		NET WINDOW SIZE		CLEAR OPENING SIZE		CLEAR OPENING SQ. FT.	GLASS SIZE BOTTOM UNIT & LITE		GLASS SIZE TOP UNIT & LITE		TOTAL VISIBLE GLASS SQ. FT.
		WDT	x HGT	AWW	x AWH	WDT	x HGT		WDT	x HGT	WDT	x HGT	
1 ⁶ 2 ⁶	15	18	x 30	17 1/2	x 29 1/2	13 1/2	x 9 1/2	0.89	11 3/4	x 11 3/8	11 3/4	x 11 3/8	1.55
1 ⁶ 3 ⁰	18	18	x 36	17 1/2	x 35 1/2	13 1/2	x 12 1/2	1.18	11 3/4	x 14 3/8	11 3/4	x 14 3/8	2.00
1 ⁶ 3 ⁶	21	18	x 42	17 1/2	x 41 1/2	13 1/2	x 15 1/2	1.46	11 3/4	x 17 3/8	11 3/4	x 17 3/8	2.44
1 ⁶ 4 ⁰	24	18	x 48	17 1/2	x 47 1/2	13 1/2	x 18 1/2	1.74	11 3/4	x 20 3/8	11 3/4	x 20 3/8	2.89
1 ⁶ 4 ⁶	27	18	x 54	17 1/2	x 53 1/2	13 1/2	x 21 1/2	2.02	11 3/4	x 23 3/8	11 3/4	x 23 3/8	3.34
1 ⁶ 5 ⁰	30	18	x 60	17 1/2	x 59 1/2	13 1/2	x 24 1/2	2.30	11 3/4	x 26 3/8	11 3/4	x 26 3/8	3.79
1 ⁶ 6 ⁰	36	18	x 72	17 1/2	x 71 1/2	13 1/2	x 30 1/2	2.86	11 3/4	x 32 3/8	11 3/4	x 32 3/8	4.68
2 ⁰ 2 ⁰	12	24	x 24	23 1/2	x 23 1/2	19 1/2	x 6 1/2	0.89	17 3/4	x 8 3/8	17 3/4	x 8 3/8	1.72
2 ⁰ 3 ⁰	18	24	x 36	23 1/2	x 35 1/2	19 1/2	x 12 1/2	1.70	17 3/4	x 14 3/8	17 3/4	x 14 3/8	3.11
2 ⁰ 3 ⁶	21	24	x 42	23 1/2	x 41 1/2	19 1/2	x 15 1/2	2.10	17 3/4	x 17 3/8	17 3/4	x 17 3/8	3.81
2 ⁰ 4 ⁰	24	24	x 48	23 1/2	x 47 1/2	19 1/2	x 18 1/2	2.51	17 3/4	x 20 3/8	17 3/4	x 20 3/8	4.51
2 ⁰ 4 ⁶	27	24	x 54	23 1/2	x 53 1/2	19 1/2	x 21 1/2	2.92	17 3/4	x 23 3/8	17 3/4	x 23 3/8	5.21
2 ⁰ 5 ⁰	30	24	x 60	23 1/2	x 59 1/2	19 1/2	x 24 1/2	3.32	17 3/4	x 26 3/8	17 3/4	x 26 3/8	5.90
2 ⁰ 6 ⁰	36	24	x 72	23 1/2	x 71 1/2	19 1/2	x 30 1/2	4.14	17 3/4	x 32 3/8	17 3/4	x 32 3/8	7.30
2 ⁶ 3 ⁰	18	30	x 36	29 1/2	x 35 1/2	25 1/2	x 12 1/2	2.22	23 3/4	x 14 3/8	23 3/4	x 14 3/8	4.23
2 ⁶ 3 ⁶	21	30	x 42	29 1/2	x 41 1/2	25 1/2	x 15 1/2	2.75	23 3/4	x 17 3/8	23 3/4	x 17 3/8	5.17
2 ⁶ 4 ⁰	24	30	x 48	29 1/2	x 47 1/2	25 1/2	x 18 1/2	3.28	23 3/4	x 20 3/8	23 3/4	x 20 3/8	6.12
2 ⁶ 4 ⁶	27	30	x 54	29 1/2	x 53 1/2	25 1/2	x 21 1/2	3.82	23 3/4	x 23 3/8	23 3/4	x 23 3/8	7.07
2 ⁶ 5 ⁰	30	30	x 60	29 1/2	x 59 1/2	25 1/2	x 24 1/2	4.35	23 3/4	x 26 3/8	23 3/4	x 26 3/8	8.02
2 ⁶ 6 ⁰	36	30	x 72	29 1/2	x 71 1/2	25 1/2	x 30 1/2	5.41	23 3/4	x 32 3/8	23 3/4	x 32 3/8	9.91
3 ⁰ 3 ⁰	18	36	x 36	35 1/2	x 35 1/2	31 1/2	x 12 1/2	2.74	29 3/4	x 14 3/8	29 3/4	x 14 3/8	5.34
3 ⁰ 3 ⁶	21	36	x 42	35 1/2	x 41 1/2	31 1/2	x 15 1/2	3.40	29 3/4	x 17 3/8	29 3/4	x 17 3/8	6.54
3 ⁰ 4 ⁰	24	36	x 48	35 1/2	x 47 1/2	31 1/2	x 18 1/2	4.06	29 3/4	x 20 3/8	29 3/4	x 20 3/8	7.74
3 ⁰ 4 ⁶	27	36	x 54	35 1/2	x 53 1/2	31 1/2	x 21 1/2	4.71	29 3/4	x 23 3/8	29 3/4	x 23 3/8	8.93
3 ⁰ 5 ⁰	30	36	x 60	35 1/2	x 59 1/2	31 1/2	x 24 1/2	5.37	29 3/4	x 26 3/8	29 3/4	x 26 3/8	10.13
3 ⁰ 5 ⁶	33	36	x 66	35 1/2	x 65 1/2	31 1/2	x 27 1/2	6.03	29 3/4	x 29 3/8	29 3/4	x 29 3/8	11.33
3 ⁰ 6 ⁰	36	36	x 72	35 1/2	x 71 1/2	31 1/2	x 30 1/2	6.68	29 3/4	x 32 3/8	29 3/4	x 32 3/8	12.53



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SERIES 7220 QUIETLINE DOUBLE HUNG WINDOW

clear opening, glass size, and visible glass information



SIZE	BS	ROUGH OPENING SIZE		NET WINDOW SIZE		CLEAR OPENING SIZE		CLEAR OPENING SQ. FT.	GLASS SIZE BOTTOM UNIT & LITE		GLASS SIZE TOP UNIT & LITE		TOTAL VISIBLE GLASS SQ. FT.
		WDT	x HGT	AWW	x AWH	WDT	x HGT		WDT	x HGT	WDT	x HGT	
3 ⁶ 3 ⁰	18	42	x 36	41 1/2	x 35 1/2	37 1/2	x 12 1/2	3.27	35 3/4	x 14 3/8	35 3/4	x 14 3/8	6.46
3 ⁶ 3 ⁶	21	42	x 42	41 1/2	x 41 1/2	37 1/2	x 15 1/2	4.05	35 3/4	x 17 3/8	35 3/4	x 17 3/8	7.90
3 ⁶ 4 ⁰	24	42	x 48	41 1/2	x 47 1/2	37 1/2	x 18 1/2	4.83	35 3/4	x 20 3/8	35 3/4	x 20 3/8	9.35
3 ⁶ 4 ⁶	27	42	x 54	41 1/2	x 53 1/2	37 1/2	x 21 1/2	5.61	35 3/4	x 23 3/8	35 3/4	x 23 3/8	10.80
3 ⁶ 5 ⁰	30	42	x 60	41 1/2	x 59 1/2	37 1/2	x 24 1/2	6.39	35 3/4	x 26 3/8	35 3/4	x 26 3/8	12.25
3 ⁶ 6 ⁰	36	42	x 72	41 1/2	x 71 1/2	37 1/2	x 30 1/2	7.95	35 3/4	x 32 3/8	35 3/4	x 32 3/8	15.14
4 ⁰ 3 ⁰	18	48	x 36	47 1/2	x 35 1/2	43 1/2	x 12 1/2	3.79	41 3/4	x 14 3/8	41 3/4	x 14 3/8	7.57
4 ⁰ 3 ⁶	21	48	x 42	47 1/2	x 41 1/2	43 1/2	x 15 1/2	4.70	41 3/4	x 17 3/8	41 3/4	x 17 3/8	9.27
4 ⁰ 4 ⁰	24	48	x 48	47 1/2	x 47 1/2	43 1/2	x 18 1/2	5.60	41 3/4	x 20 3/8	41 3/4	x 20 3/8	10.97
4 ⁰ 4 ⁶	27	48	x 54	47 1/2	x 53 1/2	43 1/2	x 21 1/2	6.51	41 3/4	x 23 3/8	41 3/4	x 23 3/8	12.66
4 ⁰ 5 ⁰	30	48	x 60	47 1/2	x 59 1/2	43 1/2	x 24 1/2	7.41	41 3/4	x 26 3/8	41 3/4	x 26 3/8	14.36
4 ⁰ 6 ⁰	36	48	x 72	47 1/2	x 71 1/2	43 1/2	x 30 1/2	9.23	41 3/4	x 32 3/8	41 3/4	x 32 3/8	17.76

Notes:

Windows that meet egress criteria shown highlighted

Egress criteria is: Min 20" net opening in width
 Min 24" net opening in height
 Min 5.7 sq.ft. opening area
Finished sill height of 44" above the floor surface

Clear opening formulas:

AWW - 4"
 BS - 5 7/16"

Glass formulas:

Bottom unit & lite : AWW - 5 3/4"
 BS - 3 5/8"
 Top unit & lite : AWW - 5 3/4"
 AWH - BS - 3 1/8"

Total visible glass is combined area of all units, minus one inch in both width and height from each unit for spacer reveal.

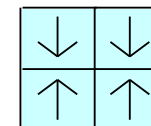
Due to continual product research and development, details may be changed at any time



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SERIES 7220 QUIETLINE DOUBLE DOUBLE HUNG WINDOW

clear opening, glass size, and visible glass information



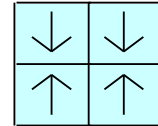
SIZE	BS	ROUGH OPENING SIZE		NET WINDOW SIZE		CLEAR OPENING SIZE		CLEAR OPENING SQ. FT.	GLASS SIZE BOTTOM UNITS & LITES		GLASS SIZE TOP UNITS & LITES		TOTAL VISIBLE GLASS SQ. FT.
		WDT	x HGT	AWW	x AWH	WDT	x HGT		WDT	x HGT	WDT	x HGT	
3 ⁰ 3 ⁰	18	36	x 36	35 1/2	x 35 1/2	13 1/2	x 12 1/2	1.18	11 3/4	x 14 3/8	11 3/4	x 14 3/8	3.99
3 ⁰ 3 ⁶	21	36	x 42	35 1/2	x 41 1/2	13 1/2	x 15 1/2	1.46	11 3/4	x 17 3/8	11 3/4	x 17 3/8	4.89
3 ⁰ 4 ⁰	24	36	x 48	35 1/2	x 47 1/2	13 1/2	x 18 1/2	1.74	11 3/4	x 20 3/8	11 3/4	x 20 3/8	5.79
3 ⁰ 4 ⁶	27	36	x 54	35 1/2	x 53 1/2	13 1/2	x 21 1/2	2.02	11 3/4	x 23 3/8	11 3/4	x 23 3/8	6.68
3 ⁰ 5 ⁰	30	36	x 60	35 1/2	x 59 1/2	13 1/2	x 24 1/2	2.30	11 3/4	x 26 3/8	11 3/4	x 26 3/8	7.58
3 ⁰ 6 ⁰	36	36	x 72	35 1/2	x 71 1/2	13 1/2	x 30 1/2	2.86	11 3/4	x 32 3/8	11 3/4	x 32 3/8	9.37
4 ⁰ 3 ⁰	18	48	x 36	47 1/2	x 35 1/2	19 1/2	x 12 1/2	1.70	17 3/4	x 14 3/8	17 3/4	x 14 3/8	6.22
4 ⁰ 3 ⁶	21	48	x 42	47 1/2	x 41 1/2	19 1/2	x 15 1/2	2.10	17 3/4	x 17 3/8	17 3/4	x 17 3/8	7.62
4 ⁰ 4 ⁰	24	48	x 48	47 1/2	x 47 1/2	19 1/2	x 18 1/2	2.51	17 3/4	x 20 3/8	17 3/4	x 20 3/8	9.01
4 ⁰ 4 ⁶	27	48	x 54	47 1/2	x 53 1/2	19 1/2	x 21 1/2	2.92	17 3/4	x 23 3/8	17 3/4	x 23 3/8	10.41
4 ⁰ 5 ⁰	30	48	x 60	47 1/2	x 59 1/2	19 1/2	x 24 1/2	3.32	17 3/4	x 26 3/8	17 3/4	x 26 3/8	11.81
4 ⁰ 6 ⁰	36	48	x 72	47 1/2	x 71 1/2	19 1/2	x 30 1/2	4.14	17 3/4	x 32 3/8	17 3/4	x 32 3/8	14.60
5 ⁰ 3 ⁰	18	60	x 36	59 1/2	x 35 1/2	25 1/2	x 12 1/2	2.22	23 3/4	x 14 3/8	23 3/4	x 14 3/8	8.45
5 ⁰ 3 ⁶	21	60	x 42	59 1/2	x 41 1/2	25 1/2	x 15 1/2	2.75	23 3/4	x 17 3/8	23 3/4	x 17 3/8	10.35
5 ⁰ 4 ⁰	24	60	x 48	59 1/2	x 47 1/2	25 1/2	x 18 1/2	3.28	23 3/4	x 20 3/8	23 3/4	x 20 3/8	12.24
5 ⁰ 4 ⁶	27	60	x 54	59 1/2	x 53 1/2	25 1/2	x 21 1/2	3.82	23 3/4	x 23 3/8	23 3/4	x 23 3/8	14.14
5 ⁰ 5 ⁰	30	60	x 60	59 1/2	x 59 1/2	25 1/2	x 24 1/2	4.35	23 3/4	x 26 3/8	23 3/4	x 26 3/8	16.04
5 ⁰ 6 ⁰	36	60	x 72	59 1/2	x 71 1/2	25 1/2	x 30 1/2	5.41	23 3/4	x 32 3/8	23 3/4	x 32 3/8	19.83
6 ⁰ 3 ⁰	18	72	x 36	71 1/2	x 35 1/2	31 1/2	x 12 1/2	2.74	29 3/4	x 14 3/8	29 3/4	x 14 3/8	10.68
6 ⁰ 3 ⁶	21	72	x 42	71 1/2	x 41 1/2	31 1/2	x 15 1/2	3.40	29 3/4	x 17 3/8	29 3/4	x 17 3/8	13.08
6 ⁰ 4 ⁰	24	72	x 48	71 1/2	x 47 1/2	31 1/2	x 18 1/2	4.06	29 3/4	x 20 3/8	29 3/4	x 20 3/8	15.47
6 ⁰ 4 ⁶	27	72	x 54	71 1/2	x 53 1/2	31 1/2	x 21 1/2	4.71	29 3/4	x 23 3/8	29 3/4	x 23 3/8	17.87
6 ⁰ 5 ⁰	30	72	x 60	71 1/2	x 59 1/2	31 1/2	x 24 1/2	5.37	29 3/4	x 26 3/8	29 3/4	x 26 3/8	20.26
6 ⁰ 6 ⁰	36	72	x 72	71 1/2	x 71 1/2	31 1/2	x 30 1/2	6.68	29 3/4	x 32 3/8	29 3/4	x 32 3/8	25.06



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SERIES 7220 QUIETLINE DOUBLE DOUBLE HUNG WINDOW

clear opening, glass size, and visible glass information



SIZE	BS	ROUGH OPENING SIZE		NET WINDOW SIZE		CLEAR OPENING SIZE		CLEAR OPENING SQ. FT.	GLASS SIZE BOTTOM UNITS & LITES		GLASS SIZE TOP UNITS & LITES		TOTAL VISIBLE GLASS SQ. FT.
		WDT	x HGT	AWW	x AWH	WDT	x HGT		WDT	x HGT	WDT	x HGT	
8 ⁰ 3 ⁰	18	96	x 36	95 1/2	x 35 1/2	43 1/2	x 12 1/2	3.79	41 3/4	x 14 3/8	41 3/4	x 14 3/8	15.14
8 ⁰ 4 ⁰	24	96	x 48	95 1/2	x 47 1/2	43 1/2	x 18 1/2	5.60	41 3/4	x 20 3/8	41 3/4	x 20 3/8	21.93
8 ⁰ 4 ⁶	27	96	x 54	95 1/2	x 53 1/2	43 1/2	x 21 1/2	6.51	41 3/4	x 23 3/8	41 3/4	x 23 3/8	25.33
8 ⁰ 5 ⁰	30	96	x 60	95 1/2	x 59 1/2	43 1/2	x 24 1/2	7.41	41 3/4	x 26 3/8	41 3/4	x 26 3/8	28.72

Notes:

Windows that meet egress criteria shown highlighted

Egress criteria is: Min 20" net opening in width
 Min 24" net opening in height
 Min 5.7 sq.ft. opening area
Finished sill height of 44" above the floor surface

Clear opening formulas:

AWW/2 - 4 1/4"
 BS - 5 7/16"

Glass formulas:

Bottom units & lites : AWW/2 - 6"
 BS - 3 5/8"
 Top units & lites : AWW/2 - 6"
 AWH - BS - 3 1/8"

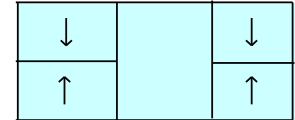
Total visible glass is combined area of all units, minus one inch in both width and height from each unit for spacer reveal.

Due to continual product research and development, details may be changed at any time



SERIES 7220 QUIETLINE DOUBLE HUNG W/ CENTER PICTURE WINDOW

clear opening, glass size, and visible glass information



SIZE	VS	BS	ROUGH OPENING SIZE		NET WINDOW SIZE		CLEAR OPENING SIZE		CLEAR OPENING SQ. FT.	GLASS SIZE BOTTOM UNITS & LITES		GLASS SIZE TOP UNIT & LITE		GLASS SIZE PICTURE WINDOW		TOTAL VISIBLE GLASS SQ. FT.
			WDT	x HGT	AWW	x AWH	WDT	x HGT		WDT	x HGT	WDT	x HGT	WDT	x HGT	
6 ⁰ 3 ⁰	24	18	72	x 36	71 1/2	x 35 1/2	19 1/2	x 12 1/2	1.70	17 3/4	x 14 3/8	17 3/4	x 14 3/8	20 13/16	x 32 13/16	10.60
6 ⁰ 3 ⁶	24	21	72	x 42	71 1/2	x 41 1/2	19 1/2	x 15 1/2	2.10	17 3/4	x 17 3/8	17 3/4	x 17 3/8	20 13/16	x 38 13/16	12.82
6 ⁰ 4 ⁰	24	24	72	x 48	71 1/2	x 47 1/2	19 1/2	x 18 1/2	2.51	17 3/4	x 20 3/8	17 3/4	x 20 3/8	20 13/16	x 44 13/16	15.04
6 ⁰ 5 ⁰	24	30	72	x 60	71 1/2	x 59 1/2	19 1/2	x 24 1/2	3.32	17 3/4	x 26 3/8	17 3/4	x 26 3/8	20 13/16	x 56 13/16	19.49
6 ⁰ 6 ⁰	24	36	72	x 72	71 1/2	x 71 1/2	19 1/2	x 30 1/2	4.14	17 3/4	x 32 3/8	17 3/4	x 32 3/8	20 13/16	x 68 13/16	23.93
8 ⁰ 3 ⁰	32	18	96	x 36	95 1/2	x 35 1/2	27 1/2	x 12 1/2	2.40	25 3/4	x 14 3/8	25 3/4	x 14 3/8	28 13/16	x 32 13/16	15.34
8 ⁰ 3 ⁶	32	21	96	x 42	95 1/2	x 41 1/2	27 1/2	x 15 1/2	2.97	25 3/4	x 17 3/8	25 3/4	x 17 3/8	28 13/16	x 38 13/16	18.56
8 ⁰ 4 ⁰	32	24	96	x 48	95 1/2	x 47 1/2	27 1/2	x 18 1/2	3.54	25 3/4	x 20 3/8	25 3/4	x 20 3/8	28 13/16	x 44 13/16	21.78
8 ⁰ 5 ⁰	32	30	96	x 60	95 1/2	x 59 1/2	27 1/2	x 24 1/2	4.69	25 3/4	x 26 3/8	25 3/4	x 26 3/8	28 13/16	x 56 13/16	28.23
8 ⁰ 6 ⁰	32	36	96	x 72	95 1/2	x 71 1/2	27 1/2	x 30 1/2	5.83	25 3/4	x 32 3/8	25 3/4	x 32 3/8	28 13/16	x 68 13/16	34.67
9 ⁰ 3 ⁰	36	18	108	x 36	107 1/2	x 35 1/2	31 1/2	x 12 1/2	2.74	29 3/4	x 14 3/8	29 3/4	x 14 3/8	32 13/16	x 32 13/16	17.71
9 ⁰ 3 ⁶	36	21	108	x 42	107 1/2	x 41 1/2	31 1/2	x 15 1/2	3.40	29 3/4	x 17 3/8	29 3/4	x 17 3/8	32 13/16	x 38 13/16	21.43
9 ⁰ 4 ⁰	36	24	108	x 48	107 1/2	x 47 1/2	31 1/2	x 18 1/2	4.06	29 3/4	x 20 3/8	29 3/4	x 20 3/8	32 13/16	x 44 13/16	25.15
9 ⁰ 5 ⁰	36	30	108	x 60	107 1/2	x 59 1/2	31 1/2	x 24 1/2	5.37	29 3/4	x 26 3/8	29 3/4	x 26 3/8	32 13/16	x 56 13/16	32.59
9 ⁰ 6 ⁰	36	36	108	x 72	107 1/2	x 71 1/2	31 1/2	x 30 1/2	6.68	29 3/4	x 32 3/8	29 3/4	x 32 3/8	32 13/16	x 68 13/16	40.04
10 ⁰ 3 ⁰	40	18	120	x 36	119 1/2	x 35 1/2	35 1/2	x 12 1/2	3.09	33 3/4	x 14 3/8	33 3/4	x 14 3/8	36 13/16	x 32 13/16	20.08
10 ⁰ 3 ⁶	40	21	120	x 42	119 1/2	x 41 1/2	35 1/2	x 15 1/2	3.83	33 3/4	x 17 3/8	33 3/4	x 17 3/8	36 13/16	x 38 13/16	24.30
10 ⁰ 4 ⁰	40	24	120	x 48	119 1/2	x 47 1/2	35 1/2	x 18 1/2	4.57	33 3/4	x 20 3/8	33 3/4	x 20 3/8	36 13/16	x 44 13/16	28.52
10 ⁰ 5 ⁰	40	30	120	x 60	119 1/2	x 59 1/2	35 1/2	x 24 1/2	6.05	33 3/4	x 26 3/8	33 3/4	x 26 3/8	36 13/16	x 56 13/16	36.96
12 ⁰ 2 ⁶	48	15	144	x 30	143 1/2	x 29 1/2	43 1/2	x 9 1/2	2.88	41 3/4	x 11 3/8	41 3/4	x 11 3/8	44 13/16	x 26 13/16	19.60
12 ⁰ 3 ⁰	48	18	144	x 36	143 1/2	x 35 1/2	43 1/2	x 12 1/2	3.79	41 3/4	x 14 3/8	41 3/4	x 14 3/8	44 13/16	x 32 13/16	24.82
12 ⁰ 3 ⁶	48	21	144	x 42	143 1/2	x 41 1/2	43 1/2	x 15 1/2	4.70	41 3/4	x 17 3/8	41 3/4	x 17 3/8	44 13/16	x 38 13/16	30.04
12 ⁰ 4 ⁰	48	24	144	x 48	143 1/2	x 47 1/2	43 1/2	x 18 1/2	5.60	41 3/4	x 20 3/8	41 3/4	x 20 3/8	44 13/16	x 44 13/16	35.26
12 ⁰ 5 ⁰	48	30	144	x 60	143 1/2	x 59 1/2	43 1/2	x 24 1/2	7.41	41 3/4	x 26 3/8	41 3/4	x 26 3/8	44 13/16	x 56 13/16	45.70

Notes:

Windows that meet egress criteria shown highlighted

Egress criteria is: Min 20" net opening in width
Min 20" net opening in width
Min 24" net opening in height
Min 24" net opening in height
Min 5.7 sq.ft. opening area
Min 5.7 sq.ft. opening area
Finished sill height of 44" above the floor surface

Clear opening formulas:

VS - 4 1/2"
BS - 5 7/16"

Glass formulas:

Bottom units & lites : VS - 6 1/4"

BS - 3 5/8"

Top units & lites : VS - 6 1/4"

AWH - BS - 3 1/8"

Pic Window : AWW - 2VS - 2 11/16"

AWH - 2 11/16"

Total visible glass is combined area of all units, minus one inch in both width and height from each unit for spacer reveal.

Due to continual product research and development, details may be changed at any time



SERIES 7220 QUIETLINE TRIPLE DOUBLE HUNG WINDOW

clear opening, glass size, and visible glass information



SIZE	VS	BS	ROUGH OPENING SIZE		NET WINDOW SIZE		FLANKERS CLEAR OPENING SIZE		CENTER CLEAR OPENING SIZE		FLANKERS GLASS SIZE BOTTOM UNITS & LITES		CENTER GLASS SIZE BOTTOM UNIT & LITE		TOTAL VISIBLE GLASS SQ. FT.						
			WDT	x HGT	AWW	x AWH	WDT	x HGT	WDT	x HGT	WDT	x HGT	WDT	x HGT		WDT	x HGT				
			SQ. FT.		SQ. FT.		SQ. FT.		SQ. FT.		SQ. FT.		SQ. FT.								
4 ⁶ 3 ⁰	18	18	54	x 36	53 1/2	x 35 1/2	13 1/2	x 12 1/2	1.18	13 1/2	x 12 1/2	1.18	11 3/4	x 14 3/8	11 3/4	x 14 3/8	11 3/4	x 14 3/8	11 3/4	x 14 3/8	5.99
4 ⁶ 3 ⁶	18	21	54	x 42	53 1/2	x 41 1/2	13 1/2	x 15 1/2	1.46	13 1/2	x 15 1/2	1.46	11 3/4	x 17 3/8	11 3/4	x 17 3/8	11 3/4	x 17 3/8	11 3/4	x 17 3/8	7.33
4 ⁶ 4 ⁰	18	24	54	x 48	53 1/2	x 47 1/2	13 1/2	x 18 1/2	1.74	13 1/2	x 18 1/2	1.74	11 3/4	x 20 3/8	11 3/4	x 20 3/8	11 3/4	x 20 3/8	11 3/4	x 20 3/8	8.68
4 ⁶ 4 ⁶	18	27	54	x 54	53 1/2	x 53 1/2	13 1/2	x 21 1/2	2.02	13 1/2	x 21 1/2	2.02	11 3/4	x 23 3/8	11 3/4	x 23 3/8	11 3/4	x 23 3/8	11 3/4	x 23 3/8	10.02
4 ⁶ 5 ⁰	18	30	54	x 60	53 1/2	x 59 1/2	13 1/2	x 24 1/2	2.30	13 1/2	x 24 1/2	2.30	11 3/4	x 26 3/8	11 3/4	x 26 3/8	11 3/4	x 26 3/8	11 3/4	x 26 3/8	11.37
4 ⁶ 6 ⁰	18	36	54	x 72	53 1/2	x 71 1/2	13 1/2	x 30 1/2	2.86	13 1/2	x 30 1/2	2.86	11 3/4	x 32 3/8	11 3/4	x 32 3/8	11 3/4	x 32 3/8	11 3/4	x 32 3/8	14.05
6 ⁰ 3 ⁰	24	18	72	x 36	71 1/2	x 35 1/2	19 1/2	x 12 1/2	1.70	19 1/2	x 12 1/2	1.70	17 3/4	x 14 3/8	17 3/4	x 14 3/8	17 3/4	x 14 3/8	17 3/4	x 14 3/8	9.33
6 ⁰ 3 ⁶	24	21	72	x 42	71 1/2	x 41 1/2	19 1/2	x 15 1/2	2.10	19 1/2	x 15 1/2	2.10	17 3/4	x 17 3/8	17 3/4	x 17 3/8	17 3/4	x 17 3/8	17 3/4	x 17 3/8	11.43
6 ⁰ 4 ⁰	24	24	72	x 48	71 1/2	x 47 1/2	19 1/2	x 18 1/2	2.51	19 1/2	x 18 1/2	2.51	17 3/4	x 20 3/8	17 3/4	x 20 3/8	17 3/4	x 20 3/8	17 3/4	x 20 3/8	13.52
6 ⁰ 4 ⁶	24	27	72	x 54	71 1/2	x 53 1/2	19 1/2	x 21 1/2	2.92	19 1/2	x 21 1/2	2.92	17 3/4	x 23 3/8	17 3/4	x 23 3/8	17 3/4	x 23 3/8	17 3/4	x 23 3/8	15.62
6 ⁰ 5 ⁰	24	30	72	x 60	71 1/2	x 59 1/2	19 1/2	x 24 1/2	3.32	19 1/2	x 24 1/2	3.32	17 3/4	x 26 3/8	17 3/4	x 26 3/8	17 3/4	x 26 3/8	17 3/4	x 26 3/8	17.71
6 ⁰ 6 ⁰	24	36	72	x 72	71 1/2	x 71 1/2	19 1/2	x 30 1/2	4.14	19 1/2	x 30 1/2	4.14	17 3/4	x 32 3/8	17 3/4	x 32 3/8	17 3/4	x 32 3/8	17 3/4	x 32 3/8	21.90
7 ⁶ 3 ⁰	30	18	90	x 36	89 1/2	x 35 1/2	25 1/2	x 12 1/2	2.22	25 1/2	x 12 1/2	2.22	23 3/4	x 14 3/8	23 3/4	x 14 3/8	23 3/4	x 14 3/8	23 3/4	x 14 3/8	12.68
7 ⁶ 4 ⁰	30	24	90	x 48	89 1/2	x 47 1/2	25 1/2	x 18 1/2	3.28	25 1/2	x 18 1/2	3.28	23 3/4	x 20 3/8	23 3/4	x 20 3/8	23 3/4	x 20 3/8	23 3/4	x 20 3/8	18.37
7 ⁶ 4 ⁶	30	27	90	x 54	89 1/2	x 53 1/2	25 1/2	x 21 1/2	3.82	25 1/2	x 21 1/2	3.82	23 3/4	x 23 3/8	23 3/4	x 23 3/8	23 3/4	x 23 3/8	23 3/4	x 23 3/8	21.21
7 ⁶ 5 ⁰	30	30	90	x 60	89 1/2	x 59 1/2	25 1/2	x 24 1/2	4.35	25 1/2	x 24 1/2	4.35	23 3/4	x 26 3/8	23 3/4	x 26 3/8	23 3/4	x 26 3/8	23 3/4	x 26 3/8	24.05
7 ⁶ 6 ⁰	30	36	90	x 72	89 1/2	x 71 1/2	25 1/2	x 30 1/2	5.41	25 1/2	x 30 1/2	5.41	23 3/4	x 32 3/8	23 3/4	x 32 3/8	23 3/4	x 32 3/8	23 3/4	x 32 3/8	29.74
8 ⁰ 3 ⁰	32	18	96	x 36	95 1/2	x 35 1/2	27 1/2	x 12 1/2	2.40	27 1/2	x 12 1/2	2.40	25 3/4	x 14 3/8	25 3/4	x 14 3/8	25 3/4	x 14 3/8	25 3/4	x 14 3/8	13.79
8 ⁰ 3 ⁶	32	21	96	x 42	95 1/2	x 41 1/2	27 1/2	x 15 1/2	2.97	27 1/2	x 15 1/2	2.97	25 3/4	x 17 3/8	25 3/4	x 17 3/8	25 3/4	x 17 3/8	25 3/4	x 17 3/8	16.89
8 ⁰ 4 ⁰	32	24	96	x 48	95 1/2	x 47 1/2	27 1/2	x 18 1/2	3.54	27 1/2	x 18 1/2	3.54	25 3/4	x 20 3/8	25 3/4	x 20 3/8	25 3/4	x 20 3/8	25 3/4	x 20 3/8	19.98
8 ⁰ 5 ⁰	32	30	96	x 60	95 1/2	x 59 1/2	27 1/2	x 24 1/2	4.69	27 1/2	x 24 1/2	4.69	25 3/4	x 26 3/8	25 3/4	x 26 3/8	25 3/4	x 26 3/8	25 3/4	x 26 3/8	26.17
8 ⁰ 6 ⁰	32	36	96	x 72	95 1/2	x 71 1/2	27 1/2	x 30 1/2	5.83	27 1/2	x 30 1/2	5.83	25 3/4	x 32 3/8	25 3/4	x 32 3/8	25 3/4	x 32 3/8	25 3/4	x 32 3/8	32.36
9 ⁰ 2 ⁶	36	15	108	x 30	107 1/2	x 29 1/2	31 1/2	x 9 1/2	2.09	31 1/2	x 9 1/2	2.09	29 3/4	x 11 3/8	29 3/4	x 11 3/8	29 3/4	x 11 3/8	29 3/4	x 11 3/8	12.43
9 ⁰ 3 ⁰	36	18	108	x 36	107 1/2	x 35 1/2	31 1/2	x 12 1/2	2.74	31 1/2	x 12 1/2	2.74	29 3/4	x 14 3/8	29 3/4	x 14 3/8	29 3/4	x 14 3/8	29 3/4	x 14 3/8	16.02
9 ⁰ 3 ⁶	36	21	108	x 42	107 1/2	x 41 1/2	31 1/2	x 15 1/2	3.40	31 1/2	x 15 1/2	3.40	29 3/4	x 17 3/8	29 3/4	x 17 3/8	29 3/4	x 17 3/8	29 3/4	x 17 3/8	19.62
9 ⁰ 4 ⁰	36	24	108	x 48	107 1/2	x 47 1/2	31 1/2	x 18 1/2	4.06	31 1/2	x 18 1/2	4.06	29 3/4	x 20 3/8	29 3/4	x 20 3/8	29 3/4	x 20 3/8	29 3/4	x 20 3/8	23.21
9 ⁰ 5 ⁰	36	30	108	x 60	107 1/2	x 59 1/2	31 1/2	x 24 1/2	5.37	31 1/2	x 24 1/2	5.37	29 3/4	x 26 3/8	29 3/4	x 26 3/8	29 3/4	x 26 3/8	29 3/4	x 26 3/8	30.40
9 ⁰ 6 ⁰	36	36	108	x 72	107 1/2	x 71 1/2	31 1/2	x 30 1/2	6.68	31 1/2	x 30 1/2	6.68	29 3/4	x 32 3/8	29 3/4	x 32 3/8	29 3/4	x 32 3/8	29 3/4	x 32 3/8	37.58
12 ⁰ 3 ⁰	48	18	144	x 36	143 1/2	x 35 1/2	43 1/2	x 12 1/2	3.79	43 1/2	x 12 1/2	3.79	41 3/4	x 14 3/8	41 3/4	x 14 3/8	41 3/4	x 14 3/8	41 3/4	x 14 3/8	22.71
12 ⁰ 3 ⁶	48	21	144	x 42	143 1/2	x 41 1/2	43 1/2	x 15 1/2	4.70	43 1/2	x 15 1/2	4.70	41 3/4	x 17 3/8	41 3/4	x 17 3/8	41 3/4	x 17 3/8	41 3/4	x 17 3/8	27.80
12 ⁰ 4 ⁰	48	24	144	x 48	143 1/2	x 47 1/2	43 1/2	x 18 1/2	5.60	43 1/2	x 18 1/2	5.60	41 3/4	x 20 3/8	41 3/4	x 20 3/8	41 3/4	x 20 3/8	41 3/4	x 20 3/8	32.90
12 ⁰ 5 ⁰	48	30	144	x 60	143 1/2	x 59 1/2	43 1/2	x 24 1/2	7.41	43 1/2	x 24 1/2	7.41	41 3/4	x 26 3/8	41 3/4	x 26 3/8	41 3/4	x 26 3/8	41 3/4	x 26 3/8	43.08

Notes:

Windows that meet egress criteria shown highlighted

Egress criteria is: Min 20" net opening in width
Min 24" net opening in height
Min 5.7 sq.ft. opening area
Finished sill height of 44" above the floor surface

Clear opening formulas:

Flankers: VS - 4 1/2"
BS - 5 7/16"
Center: AWW - 2VS - 4"
BS - 5 7/16"

Glass formulas:

Flanker bottom units & lites : VS - 6 1/4"
BS - 3 5/8"
Center bottom unit & lite : AWW - 2VS - 5 3/4"
BS - 3 5/8"
Flanker top units & lites : VS - 6 1/4"
AWH - BS - 3 1/8"
Center top unit & lite : AWW - 2VS - 5 3/4"
AWH - BS - 3 1/8"

Total visible glass is combined area of all units, minus one inch in both width and height from each unit for spacer reveal.

Due to continual product research and development, details may be changed at any time