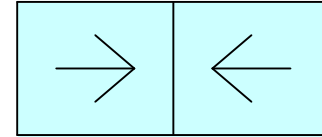




SERIES 7120 QUIETLINE DOUBLE BYPASS WINDOW

clear opening, glass size, and visible glass information

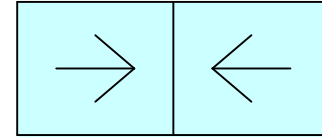


SIZE	ROUGH OPENING SIZE	NET WINDOW SIZE	CLEAR OPENING SIZE	CLEAR OPENING SQ. FT.	GLASS SIZE BOTH UNITS & LITES	TOTAL VISIBLE GLASS SQ. FT.
	WDT x HGT	AWW x AWH	WDT x HGT		WDT x HGT	
2 ⁰ 1 ⁶	24 x 18	23 1/2 x 17 1/2	7 7/8 x 13 1/2	0.74	8 3/8 x 11 13/16	1.11
2 ⁰ 2 ⁰	24 x 24	23 1/2 x 23 1/2	7 7/8 x 19 1/2	1.07	8 3/8 x 17 13/16	1.72
2 ⁰ 2 ⁶	24 x 30	23 1/2 x 29 1/2	7 7/8 x 25 1/2	1.39	8 3/8 x 23 13/16	2.34
2 ⁰ 3 ⁰	24 x 36	23 1/2 x 35 1/2	7 7/8 x 31 1/2	1.72	8 3/8 x 29 13/16	2.95
2 ⁶ 1 ⁶	30 x 18	29 1/2 x 17 1/2	10 7/8 x 13 1/2	1.02	11 3/8 x 11 13/16	1.56
2 ⁶ 2 ⁰	30 x 24	29 1/2 x 23 1/2	10 7/8 x 19 1/2	1.47	11 3/8 x 17 13/16	2.42
2 ⁶ 2 ⁶	30 x 30	29 1/2 x 29 1/2	10 7/8 x 25 1/2	1.93	11 3/8 x 23 13/16	3.29
2 ⁶ 3 ⁰	30 x 36	29 1/2 x 35 1/2	10 7/8 x 31 1/2	2.38	11 3/8 x 29 13/16	4.15
3 ⁰ 1 ⁶	36 x 18	35 1/2 x 17 1/2	13 7/8 x 13 1/2	1.30	14 3/8 x 11 13/16	2.01
3 ⁰ 2 ⁰	36 x 24	35 1/2 x 23 1/2	13 7/8 x 19 1/2	1.88	14 3/8 x 17 13/16	3.12
3 ⁰ 2 ⁶	36 x 30	35 1/2 x 29 1/2	13 7/8 x 25 1/2	2.46	14 3/8 x 23 13/16	4.24
3 ⁰ 3 ⁰	36 x 36	35 1/2 x 35 1/2	13 7/8 x 31 1/2	3.04	14 3/8 x 29 13/16	5.35
3 ⁰ 3 ⁶	36 x 42	35 1/2 x 41 1/2	13 7/8 x 37 1/2	3.61	14 3/8 x 35 13/16	6.47
3 ⁰ 4 ⁰	36 x 48	35 1/2 x 47 1/2	13 7/8 x 43 1/2	4.19	14 3/8 x 41 13/16	7.58
3 ⁰ 4 ⁶	36 x 54	35 1/2 x 53 1/2	13 7/8 x 49 1/2	4.77	14 3/8 x 47 13/16	8.70
3 ⁰ 5 ⁰	36 x 60	35 1/2 x 59 1/2	13 7/8 x 55 1/2	5.35	14 3/8 x 53 13/16	9.81
4 ⁰ 1 ⁶	48 x 18	47 1/2 x 17 1/2	19 7/8 x 13 1/2	1.86	20 3/8 x 11 13/16	2.91
4 ⁰ 2 ⁰	48 x 24	47 1/2 x 23 1/2	19 7/8 x 19 1/2	2.69	20 3/8 x 17 13/16	4.52
4 ⁰ 2 ⁶	48 x 30	47 1/2 x 29 1/2	19 7/8 x 25 1/2	3.52	20 3/8 x 23 13/16	6.14
4 ⁰ 3 ⁰	48 x 36	47 1/2 x 35 1/2	19 7/8 x 31 1/2	4.35	20 3/8 x 29 13/16	7.75
4 ⁰ 3 ⁶	48 x 42	47 1/2 x 41 1/2	19 7/8 x 37 1/2	5.18	20 3/8 x 35 13/16	9.37
4 ⁰ 4 ⁰	48 x 48	47 1/2 x 47 1/2	19 7/8 x 43 1/2	6.00	20 3/8 x 41 13/16	10.98
4 ⁰ 4 ⁶	48 x 54	47 1/2 x 53 1/2	19 7/8 x 49 1/2	6.83	20 3/8 x 47 13/16	12.60
4 ⁰ 5 ⁰	48 x 60	47 1/2 x 59 1/2	19 7/8 x 55 1/2	7.66	20 3/8 x 53 13/16	14.21
4 ⁶ 3 ⁶	54 x 42	53 1/2 x 41 1/2	22 7/8 x 37 1/2	5.96	23 3/8 x 35 13/16	10.82
4 ⁶ 4 ⁰	54 x 48	53 1/2 x 47 1/2	22 7/8 x 43 1/2	6.91	23 3/8 x 41 13/16	12.68



SERIES 7120 QUIETLINE DOUBLE BYPASS WINDOW

clear opening, glass size, and visible glass information



SIZE	ROUGH OPENING SIZE	NET WINDOW SIZE	CLEAR OPENING SIZE	CLEAR OPENING SQ. FT.	GLASS SIZE BOTH UNITS & LITES	TOTAL VISIBLE GLASS SQ. FT.
	WDT x HGT	AWW x AWH	WDT x HGT		WDT x HGT	
5 ⁰ 1 ⁶	60 x 18	59 1/2 x 17 1/2	25 7/8 x 13 1/2	2.43	26 3/8 x 11 13/16	3.81
5 ⁰ 2 ⁰	60 x 24	59 1/2 x 23 1/2	25 7/8 x 19 1/2	3.50	26 3/8 x 17 13/16	5.93
5 ⁰ 2 ⁶	60 x 30	59 1/2 x 29 1/2	25 7/8 x 25 1/2	4.58	26 3/8 x 23 13/16	8.04
5 ⁰ 3 ⁰	60 x 36	59 1/2 x 35 1/2	25 7/8 x 31 1/2	5.66	26 3/8 x 29 13/16	10.15
5 ⁰ 3 ⁶	60 x 42	59 1/2 x 41 1/2	25 7/8 x 37 1/2	6.74	26 3/8 x 35 13/16	12.27
5 ⁰ 4 ⁰	60 x 48	59 1/2 x 47 1/2	25 7/8 x 43 1/2	7.82	26 3/8 x 41 13/16	14.38
5 ⁰ 4 ⁶	60 x 54	59 1/2 x 53 1/2	25 7/8 x 49 1/2	8.89	26 3/8 x 47 13/16	16.50
5 ⁰ 5 ⁰	60 x 60	59 1/2 x 59 1/2	25 7/8 x 55 1/2	9.97	26 3/8 x 53 13/16	18.61
6 ⁰ 1 ⁶	72 x 18	71 1/2 x 17 1/2	31 7/8 x 13 1/2	2.99	32 3/8 x 11 13/16	4.71
6 ⁰ 2 ⁰	72 x 24	71 1/2 x 23 1/2	31 7/8 x 19 1/2	4.32	32 3/8 x 17 13/16	7.33
6 ⁰ 2 ⁶	72 x 30	71 1/2 x 29 1/2	31 7/8 x 25 1/2	5.64	32 3/8 x 23 13/16	9.94
6 ⁰ 3 ⁰	72 x 36	71 1/2 x 35 1/2	31 7/8 x 31 1/2	6.97	32 3/8 x 29 13/16	12.56
6 ⁰ 3 ⁶	72 x 42	71 1/2 x 41 1/2	31 7/8 x 37 1/2	8.30	32 3/8 x 35 13/16	15.17
6 ⁰ 4 ⁰	72 x 48	71 1/2 x 47 1/2	31 7/8 x 43 1/2	9.63	32 3/8 x 41 13/16	17.78
6 ⁰ 4 ⁶	72 x 54	71 1/2 x 53 1/2	31 7/8 x 49 1/2	10.96	32 3/8 x 47 13/16	20.40
6 ⁰ 5 ⁰	72 x 60	71 1/2 x 59 1/2	31 7/8 x 55 1/2	12.29	32 3/8 x 53 13/16	23.01

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:

$$(AWW / 2) - 3\ 7/8"$$

$$AWH - 4"$$

Glass formulas:

Active unit & lite : $(AWW / 2) - 3\ 3/8"$
 $AWH - 5\ 11/16"$

Passive unit & lite : $(AWW / 2) - 3\ 3/8"$
 $AWH - 5\ 11/16"$

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 7120 QUIETLINE DOUBLE BYPASS WINDOW

clear opening, glass size, and visible glass information

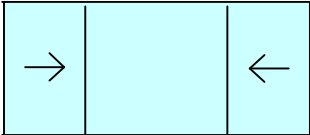


SIZE	VS	ROUGH OPENING SIZE		NET WINDOW SIZE		CLEAR OPENING SIZE		CLEAR OPENING SQ. FT.	GLASS SIZE ACTIVE UNITS & LITES			GLASS SIZE PASSIVE UNIT & LITE			TOTAL VISIBLE GLASS SQ. FT.
		WDT	x HGT	AWW	x AWH	WDT	x HGT		WDT	x	HGT	WDT	x	HGT	
4 ⁰ 1 ⁶	12	48	x 18	47 1/2	x 17 1/2	7 7/8	x 13 1/2	0.74	8 3/8	x	11 13/16	22 7/8	x	11 13/16	2.75
4 ⁰ 2 ⁰	12	48	x 24	47 1/2	x 23 1/2	7 7/8	x 19 1/2	1.07	8 3/8	x	17 13/16	22 7/8	x	17 13/16	4.28
4 ⁰ 2 ⁶	12	48	x 30	47 1/2	x 29 1/2	7 7/8	x 25 1/2	1.39	8 3/8	x	23 13/16	22 7/8	x	23 13/16	5.80
4 ⁰ 3 ⁰	12	48	x 36	47 1/2	x 35 1/2	7 7/8	x 31 1/2	1.72	8 3/8	x	29 13/16	22 7/8	x	29 13/16	7.33
4 ⁰ 3 ⁶	12	48	x 42	47 1/2	x 41 1/2	7 7/8	x 37 1/2	2.05	8 3/8	x	35 13/16	22 7/8	x	35 13/16	8.85
5 ⁰ 1 ⁶	15	60	x 18	59 1/2	x 17 1/2	10 7/8	x 13 1/2	1.02	11 3/8	x	11 13/16	28 7/8	x	11 13/16	3.65
5 ⁰ 2 ⁰	15	60	x 24	59 1/2	x 23 1/2	10 7/8	x 19 1/2	1.47	11 3/8	x	17 13/16	28 7/8	x	17 13/16	5.68
5 ⁰ 2 ⁶	15	60	x 30	59 1/2	x 29 1/2	10 7/8	x 25 1/2	1.93	11 3/8	x	23 13/16	28 7/8	x	23 13/16	7.70
5 ⁰ 3 ⁰	15	60	x 36	59 1/2	x 35 1/2	10 7/8	x 31 1/2	2.38	11 3/8	x	29 13/16	28 7/8	x	29 13/16	9.73
5 ⁰ 3 ⁶	15	60	x 42	59 1/2	x 41 1/2	10 7/8	x 37 1/2	2.83	11 3/8	x	35 13/16	28 7/8	x	35 13/16	11.76
6 ⁰ 1 ⁶	18	72	x 18	71 1/2	x 17 1/2	13 7/8	x 13 1/2	1.30	14 3/8	x	11 13/16	34 7/8	x	11 13/16	4.55
6 ⁰ 2 ⁰	18	72	x 24	71 1/2	x 23 1/2	13 7/8	x 19 1/2	1.88	14 3/8	x	17 13/16	34 7/8	x	17 13/16	7.08
6 ⁰ 2 ⁶	18	72	x 30	71 1/2	x 29 1/2	13 7/8	x 25 1/2	2.46	14 3/8	x	23 13/16	34 7/8	x	23 13/16	9.60
6 ⁰ 3 ⁰	18	72	x 36	71 1/2	x 35 1/2	13 7/8	x 31 1/2	3.04	14 3/8	x	29 13/16	34 7/8	x	29 13/16	12.13
6 ⁰ 3 ⁶	18	72	x 42	71 1/2	x 41 1/2	13 7/8	x 37 1/2	3.61	14 3/8	x	35 13/16	34 7/8	x	35 13/16	14.66
6 ⁰ 4 ⁰	18	72	x 48	71 1/2	x 47 1/2	13 7/8	x 43 1/2	4.19	14 3/8	x	41 13/16	34 7/8	x	41 13/16	17.18
6 ⁰ 4 ⁶	18	72	x 54	71 1/2	x 53 1/2	13 7/8	x 49 1/2	4.77	14 3/8	x	47 13/16	34 7/8	x	47 13/16	19.71
6 ⁰ 5 ⁰	18	72	x 60	71 1/2	x 59 1/2	13 7/8	x 55 1/2	5.35	14 3/8	x	53 13/16	34 7/8	x	53 13/16	22.23
7 ⁰ 1 ⁶	21	84	x 18	83 1/2	x 17 1/2	16 7/8	x 13 1/2	1.58	17 3/8	x	11 13/16	40 7/8	x	11 13/16	5.45
7 ⁰ 2 ⁰	21	84	x 24	83 1/2	x 23 1/2	16 7/8	x 19 1/2	2.29	17 3/8	x	17 13/16	40 7/8	x	17 13/16	8.48
7 ⁰ 2 ⁶	21	84	x 30	83 1/2	x 29 1/2	16 7/8	x 25 1/2	2.99	17 3/8	x	23 13/16	40 7/8	x	23 13/16	11.51
7 ⁰ 3 ⁰	21	84	x 36	83 1/2	x 35 1/2	16 7/8	x 31 1/2	3.69	17 3/8	x	29 13/16	40 7/8	x	29 13/16	14.53
7 ⁰ 3 ⁶	21	84	x 42	83 1/2	x 41 1/2	16 7/8	x 37 1/2	4.39	17 3/8	x	35 13/16	40 7/8	x	35 13/16	17.56
7 ⁰ 4 ⁰	21	84	x 48	83 1/2	x 47 1/2	16 7/8	x 43 1/2	5.10	17 3/8	x	41 13/16	40 7/8	x	41 13/16	20.58
7 ⁰ 4 ⁶	21	84	x 54	83 1/2	x 53 1/2	16 7/8	x 49 1/2	5.80	17 3/8	x	47 13/16	40 7/8	x	47 13/16	23.61
7 ⁰ 5 ⁰	21	84	x 60	83 1/2	x 59 1/2	16 7/8	x 55 1/2	6.50	17 3/8	x	53 13/16	40 7/8	x	53 13/16	26.64



SERIES 7120 QUIETLINE DOUBLE BYPASS WINDOW

clear opening, glass size, and visible glass information



SIZE	VS	ROUGH OPENING SIZE		NET WINDOW SIZE		CLEAR OPENING SIZE		CLEAR OPENING SQ. FT.	GLASS SIZE ACTIVE UNITS & LITES			GLASS SIZE PASSIVE UNIT & LITE		TOTAL VISIBLE GLASS SQ. FT.
		WDT	x HGT	AWW	x AWH	WDT	x HGT		WDT	x	HGT	WDT	x HGT	
8 ⁰ 1 ⁶	24	96	x 18	95 1/2	x 17 1/2	19 7/8	x 13 1/2	1.86	20 3/8	x	11 13/16	46 7/8	x 11 13/16	6.35
8 ⁰ 2 ⁰	24	96	x 24	95 1/2	x 23 1/2	19 7/8	x 19 1/2	2.69	20 3/8	x	17 13/16	46 7/8	x 17 13/16	9.88
8 ⁰ 2 ⁶	24	96	x 30	95 1/2	x 29 1/2	19 7/8	x 25 1/2	3.52	20 3/8	x	23 13/16	46 7/8	x 23 13/16	13.41
8 ⁰ 3 ⁰	24	96	x 36	95 1/2	x 35 1/2	19 7/8	x 31 1/2	4.35	20 3/8	x	29 13/16	46 7/8	x 29 13/16	16.93
8 ⁰ 3 ⁶	24	96	x 42	95 1/2	x 41 1/2	19 7/8	x 37 1/2	5.18	20 3/8	x	35 13/16	46 7/8	x 35 13/16	20.46
8 ⁰ 4 ⁰	24	96	x 48	95 1/2	x 47 1/2	19 7/8	x 43 1/2	6.00	20 3/8	x	41 13/16	46 7/8	x 41 13/16	23.98
8 ⁰ 4 ⁶	24	96	x 54	95 1/2	x 53 1/2	19 7/8	x 49 1/2	6.83	20 3/8	x	47 13/16	46 7/8	x 47 13/16	27.51
8 ⁰ 5 ⁰	24	96	x 60	95 1/2	x 59 1/2	19 7/8	x 55 1/2	7.66	20 3/8	x	53 13/16	46 7/8	x 53 13/16	31.04
8 ⁰ 6 ⁰	24	96	x 72	95 1/2	x 71 1/2	19 7/8	x 67 1/2	9.32	20 3/8	x	65 13/16	46 7/8	x 65 13/16	38.09
10 ⁰ 1 ⁶	30	120	x 18	119 1/2	x 17 1/2	25 7/8	x 13 1/2	2.43	26 3/8	x	11 13/16	58 7/8	x 11 13/16	8.16
10 ⁰ 2 ⁰	30	120	x 24	119 1/2	x 23 1/2	25 7/8	x 19 1/2	3.50	26 3/8	x	17 13/16	58 7/8	x 17 13/16	12.68
10 ⁰ 2 ⁶	30	120	x 30	119 1/2	x 29 1/2	25 7/8	x 25 1/2	4.58	26 3/8	x	23 13/16	58 7/8	x 23 13/16	17.21
10 ⁰ 3 ⁰	30	120	x 36	119 1/2	x 35 1/2	25 7/8	x 31 1/2	5.66	26 3/8	x	29 13/16	58 7/8	x 29 13/16	21.73
10 ⁰ 3 ⁶	30	120	x 42	119 1/2	x 41 1/2	25 7/8	x 37 1/2	6.74	26 3/8	x	35 13/16	58 7/8	x 35 13/16	26.26
10 ⁰ 4 ⁰	30	120	x 48	119 1/2	x 47 1/2	25 7/8	x 43 1/2	7.82	26 3/8	x	41 13/16	58 7/8	x 41 13/16	30.79
10 ⁰ 4 ⁶	30	120	x 54	119 1/2	x 53 1/2	25 7/8	x 49 1/2	8.89	26 3/8	x	47 13/16	58 7/8	x 47 13/16	35.31
10 ⁰ 5 ⁰	30	120	x 60	119 1/2	x 59 1/2	25 7/8	x 55 1/2	9.97	26 3/8	x	53 13/16	58 7/8	x 53 13/16	39.84
10 ⁰ 6 ⁰	30	120	x 72	119 1/2	x 71 1/2	25 7/8	x 67 1/2	12.13	26 3/8	x	65 13/16	58 7/8	x 65 13/16	48.89



SERIES 7120 QUIETLINE DOUBLE BYPASS WINDOW

clear opening, glass size, and visible glass information



SIZE	VS	ROUGH OPENING SIZE		NET WINDOW SIZE		CLEAR OPENING SIZE		CLEAR OPENING SQ. FT.	GLASS SIZE ACTIVE UNITS & LITES			GLASS SIZE PASSIVE 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	
12 ⁰ 1 ⁶	36	144	x 18	143 1/2	x 17 1/2	31 7/8	x 13 1/2	2.99	32 3/8	x 11 13/16	70 7/8	x 11 13/16	9.96		
12 ⁰ 2 ⁰	36	144	x 24	143 1/2	x 23 1/2	31 7/8	x 19 1/2	4.32	32 3/8	x 17 13/16	70 7/8	x 17 13/16	15.48		
12 ⁰ 2 ⁶	36	144	x 30	143 1/2	x 29 1/2	31 7/8	x 25 1/2	5.64	32 3/8	x 23 13/16	70 7/8	x 23 13/16	21.01		
12 ⁰ 3 ⁰	36	144	x 36	143 1/2	x 35 1/2	31 7/8	x 31 1/2	6.97	32 3/8	x 29 13/16	70 7/8	x 29 13/16	26.54		
12 ⁰ 3 ⁶	36	144	x 42	143 1/2	x 41 1/2	31 7/8	x 37 1/2	8.30	32 3/8	x 35 13/16	70 7/8	x 35 13/16	32.06		
12 ⁰ 4 ⁰	36	144	x 48	143 1/2	x 47 1/2	31 7/8	x 43 1/2	9.63	32 3/8	x 41 13/16	70 7/8	x 41 13/16	37.59		
12 ⁰ 4 ⁶	36	144	x 54	143 1/2	x 53 1/2	31 7/8	x 49 1/2	10.96	32 3/8	x 47 13/16	70 7/8	x 47 13/16	43.11		
12 ⁰ 5 ⁰	36	144	x 60	143 1/2	x 59 1/2	31 7/8	x 55 1/2	12.29	32 3/8	x 53 13/16	70 7/8	x 53 13/16	48.64		

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:

VS - 4 1/8"
 AWH - 4"

Glass formulas:

Active units & lites : VS - 3 5/8"
 AWH - 5 11/16"
 Passive units & lites : AWW - 2VS - 5/8"
 AWH - 5 11/16"

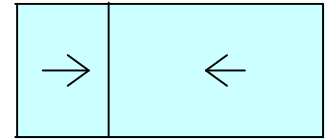
Total visible glass is combined area of all units, minus one inch in both width and height from each unit for spacer reveal.

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



SERIES 7120 QUIETLINE DOUBLE BYPASS WINDOW

clear opening, glass size, and visible glass information

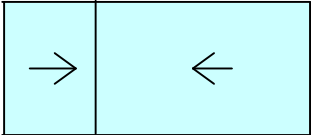


SIZE	VS	ROUGH OPENING SIZE			NET WINDOW SIZE			CLEAR OPENING SIZE			CLEAR OPENING SQ. FT.	GLASS SIZE ACTIVE UNIT & LITE			GLASS SIZE PASSIVE UNIT & LITE			TOTAL VISIBLE GLASS SQ. FT.
		WDT	x	HGT	AWW	x	AWH	WDT	x	HGT		WDT	x	HGT	WDT	x	HGT	
3 ⁰ 1 ⁶	12	36	x	18	35 1/2	x	17 1/2	7 7/8	x	13 1/2	0.74	8 3/8	x	11 13/16	20 3/8	x	11 13/16	2.01
3 ⁰ 2 ⁰	12	36	x	24	35 1/2	x	23 1/2	7 7/8	x	19 1/2	1.07	8 3/8	x	17 13/16	20 3/8	x	17 13/16	3.12
3 ⁰ 2 ⁶	12	36	x	30	35 1/2	x	29 1/2	7 7/8	x	25 1/2	1.39	8 3/8	x	23 13/16	20 3/8	x	23 13/16	4.24
3 ⁰ 3 ⁰	12	36	x	36	35 1/2	x	35 1/2	7 7/8	x	31 1/2	1.72	8 3/8	x	29 13/16	20 3/8	x	29 13/16	5.35
3 ⁰ 3 ⁶	12	36	x	42	35 1/2	x	41 1/2	7 7/8	x	37 1/2	2.05	8 3/8	x	35 13/16	20 3/8	x	35 13/16	6.47
4 ⁰ 1 ⁶	16	48	x	18	47 1/2	x	17 1/2	11 7/8	x	13 1/2	1.11	12 3/8	x	11 13/16	28 3/8	x	11 13/16	2.91
4 ⁰ 2 ⁰	16	48	x	24	47 1/2	x	23 1/2	11 7/8	x	19 1/2	1.61	12 3/8	x	17 13/16	28 3/8	x	17 13/16	4.52
4 ⁰ 2 ⁶	16	48	x	30	47 1/2	x	29 1/2	11 7/8	x	25 1/2	2.10	12 3/8	x	23 13/16	28 3/8	x	23 13/16	6.14
4 ⁰ 3 ⁰	16	48	x	36	47 1/2	x	35 1/2	11 7/8	x	31 1/2	2.60	12 3/8	x	29 13/16	28 3/8	x	29 13/16	7.75
4 ⁰ 3 ⁶	16	48	x	42	47 1/2	x	41 1/2	11 7/8	x	37 1/2	3.09	12 3/8	x	35 13/16	28 3/8	x	35 13/16	9.37
4 ⁶ 3 ⁶	18	54	x	42	53 1/2	x	41 1/2	13 7/8	x	37 1/2	3.61	14 3/8	x	35 13/16	32 3/8	x	35 13/16	10.82
4 ⁶ 4 ⁰	18	54	x	48	53 1/2	x	47 1/2	13 7/8	x	43 1/2	4.19	14 3/8	x	41 13/16	32 3/8	x	41 13/16	12.68
5 ⁰ 1 ⁶	20	60	x	18	59 1/2	x	17 1/2	15 7/8	x	13 1/2	1.49	16 3/8	x	11 13/16	36 3/8	x	11 13/16	3.81
5 ⁰ 2 ⁰	20	60	x	24	59 1/2	x	23 1/2	15 7/8	x	19 1/2	2.15	16 3/8	x	17 13/16	36 3/8	x	17 13/16	5.93
5 ⁰ 2 ⁶	20	60	x	30	59 1/2	x	29 1/2	15 7/8	x	25 1/2	2.81	16 3/8	x	23 13/16	36 3/8	x	23 13/16	8.04
5 ⁰ 3 ⁰	20	60	x	36	59 1/2	x	35 1/2	15 7/8	x	31 1/2	3.47	16 3/8	x	29 13/16	36 3/8	x	29 13/16	10.15
5 ⁰ 3 ⁶	20	60	x	42	59 1/2	x	41 1/2	15 7/8	x	37 1/2	4.13	16 3/8	x	35 13/16	36 3/8	x	35 13/16	12.27
5 ⁰ 4 ⁰	20	60	x	48	59 1/2	x	47 1/2	15 7/8	x	43 1/2	4.80	16 3/8	x	41 13/16	36 3/8	x	41 13/16	14.38
5 ⁰ 4 ⁶	20	60	x	54	59 1/2	x	53 1/2	15 7/8	x	49 1/2	5.46	16 3/8	x	47 13/16	36 3/8	x	47 13/16	16.50
5 ⁰ 5 ⁰	20	60	x	60	59 1/2	x	59 1/2	15 7/8	x	55 1/2	6.12	16 3/8	x	53 13/16	36 3/8	x	53 13/16	18.61
6 ⁰ 1 ⁶	24	72	x	18	71 1/2	x	17 1/2	19 7/8	x	13 1/2	1.86	20 3/8	x	11 13/16	44 3/8	x	11 13/16	4.71
6 ⁰ 2 ⁰	24	72	x	24	71 1/2	x	23 1/2	19 7/8	x	19 1/2	2.69	20 3/8	x	17 13/16	44 3/8	x	17 13/16	7.33
6 ⁰ 2 ⁶	24	72	x	30	71 1/2	x	29 1/2	19 7/8	x	25 1/2	3.52	20 3/8	x	23 13/16	44 3/8	x	23 13/16	9.94
6 ⁰ 3 ⁰	24	72	x	36	71 1/2	x	35 1/2	19 7/8	x	31 1/2	4.35	20 3/8	x	29 13/16	44 3/8	x	29 13/16	12.56
6 ⁰ 3 ⁶	24	72	x	42	71 1/2	x	41 1/2	19 7/8	x	37 1/2	5.18	20 3/8	x	35 13/16	44 3/8	x	35 13/16	15.17
6 ⁰ 4 ⁰	24	72	x	48	71 1/2	x	47 1/2	19 7/8	x	43 1/2	6.00	20 3/8	x	41 13/16	44 3/8	x	41 13/16	17.78
6 ⁰ 4 ⁶	24	72	x	54	71 1/2	x	53 1/2	19 7/8	x	49 1/2	6.83	20 3/8	x	47 13/16	44 3/8	x	47 13/16	20.40
6 ⁰ 5 ⁰	24	72	x	60	71 1/2	x	59 1/2	19 7/8	x	55 1/2	7.66	20 3/8	x	53 13/16	44 3/8	x	53 13/16	23.01



SERIES 7120 QUIETLINE DOUBLE BYPASS WINDOW

clear opening, glass size, and visible glass information



SIZE	VS	ROUGH OPENING SIZE			NET WINDOW SIZE			CLEAR OPENING SIZE			CLEAR OPENING SQ. FT.	GLASS SIZE ACTIVE UNIT & LITE			GLASS SIZE PASSIVE UNIT & LITE			TOTAL VISIBLE GLASS SQ. FT.
		WDT	x	HGT	AWW	x	AWH	WDT	x	HGT		WDT	x	HGT	WDT	x	HGT	
8 ⁰ 2 ⁰	32	96	x	24	95 1/2	x	23 1/2	27 7/8	x	19 1/2	3.77	28 3/8	x	17 13/16	60 3/8	x	17 13/16	10.13
8 ⁰ 2 ⁶	32	96	x	30	95 1/2	x	29 1/2	27 7/8	x	25 1/2	4.94	28 3/8	x	23 13/16	60 3/8	x	23 13/16	13.74
8 ⁰ 3 ⁰	32	96	x	36	95 1/2	x	35 1/2	27 7/8	x	31 1/2	6.10	28 3/8	x	29 13/16	60 3/8	x	29 13/16	17.36
8 ⁰ 3 ⁶	32	96	x	42	95 1/2	x	41 1/2	27 7/8	x	37 1/2	7.26	28 3/8	x	35 13/16	60 3/8	x	35 13/16	20.97
8 ⁰ 4 ⁰	32	96	x	48	95 1/2	x	47 1/2	27 7/8	x	43 1/2	8.42	28 3/8	x	41 13/16	60 3/8	x	41 13/16	24.59
8 ⁰ 5 ⁰	32	96	x	60	95 1/2	x	59 1/2	27 7/8	x	55 1/2	10.74	28 3/8	x	53 13/16	60 3/8	x	53 13/16	31.82

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:

VS - 4 1/8"
 AWH - 4"

Glass formulas:

Active unit & lite : VS - 3 5/8"
 AWH - 5 11/16"
 Passive unit & lite : AWW - VS - 3 1/8"
 AWH - 5 11/16"

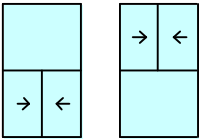
Total visible glass is combined area of all units, minus one inch in both width and height from each unit for spacer reveal.

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



SERIES 7120 QUIETLINE DOUBLE BYPASS BELOW or DOUBLE BYPASS ABOVE WINDOW

clear opening, glass size, and visible glass information

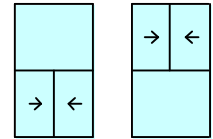


SIZE	BS	ROUGH OPENING SIZE			NET WINDOW SIZE			CLEAR OPENING SIZE			CLEAR OPENING SQ. FT.	GLASS SIZE SLIDER UNITS & LITES			GLASS SIZE PW UNIT & LITE			TOTAL VISIBLE GLASS SQ. FT.
		WDT	x	HGT	AWW	x	AWH	WDT	x	HGT		WDT	x	HGT	WDT	x	HGT	
2 ⁰ 3 ⁶	21	24	x	42	23 1/2	x	41 1/2	7 7/8	x	16 1/2	0.90	8 3/8	x	14 13/16	20 13/16	x	17 13/16	3.73
2 ⁰ 4 ⁰	24	24	x	48	23 1/2	x	47 1/2	7 7/8	x	19 1/2	1.07	8 3/8	x	17 13/16	20 13/16	x	20 13/16	4.45
2 ⁰ 5 ⁰	30	24	x	60	23 1/2	x	59 1/2	7 7/8	x	25 1/2	1.39	8 3/8	x	23 13/16	20 13/16	x	26 13/16	5.89
2 ⁰ 6 ⁰	36	24	x	72	23 1/2	x	71 1/2	7 7/8	x	31 1/2	1.72	8 3/8	x	29 13/16	20 13/16	x	32 13/16	7.33
2 ⁰ 8 ⁰	36	24	x	96	23 1/2	x	95 1/2	7 7/8	x	31 1/2	1.72	8 3/8	x	29 13/16	20 13/16	x	56 13/16	10.63
2 ⁶ 3 ⁶	21	30	x	42	29 1/2	x	41 1/2	10 7/8	x	16 1/2	1.25	11 3/8	x	14 13/16	26 13/16	x	17 13/16	5.00
2 ⁶ 4 ⁰	24	30	x	48	29 1/2	x	47 1/2	10 7/8	x	19 1/2	1.47	11 3/8	x	17 13/16	26 13/16	x	20 13/16	5.97
2 ⁶ 5 ⁰	30	30	x	60	29 1/2	x	59 1/2	10 7/8	x	25 1/2	1.93	11 3/8	x	23 13/16	26 13/16	x	26 13/16	7.91
2 ⁶ 6 ⁰	36	30	x	72	29 1/2	x	71 1/2	10 7/8	x	31 1/2	2.38	11 3/8	x	29 13/16	26 13/16	x	32 13/16	9.85
2 ⁶ 8 ⁰	36	30	x	96	29 1/2	x	95 1/2	10 7/8	x	31 1/2	2.38	11 3/8	x	29 13/16	26 13/16	x	56 13/16	14.16
3 ⁰ 3 ⁶	21	36	x	42	35 1/2	x	41 1/2	13 7/8	x	16 1/2	1.59	14 3/8	x	14 13/16	32 13/16	x	17 13/16	6.28
3 ⁰ 4 ⁰	24	36	x	48	35 1/2	x	47 1/2	13 7/8	x	19 1/2	1.88	14 3/8	x	17 13/16	32 13/16	x	20 13/16	7.50
3 ⁰ 5 ⁰	30	36	x	60	35 1/2	x	59 1/2	13 7/8	x	25 1/2	2.46	14 3/8	x	23 13/16	32 13/16	x	26 13/16	9.94
3 ⁰ 6 ⁰	36	36	x	72	35 1/2	x	71 1/2	13 7/8	x	31 1/2	3.04	14 3/8	x	29 13/16	32 13/16	x	32 13/16	12.38
3 ⁰ 8 ⁰	36	36	x	96	35 1/2	x	95 1/2	13 7/8	x	31 1/2	3.04	14 3/8	x	29 13/16	32 13/16	x	56 13/16	17.68
4 ⁰ 3 ⁶	21	48	x	42	47 1/2	x	41 1/2	19 7/8	x	16 1/2	2.28	20 3/8	x	14 13/16	44 13/16	x	17 13/16	8.83
4 ⁰ 4 ⁰	24	48	x	48	47 1/2	x	47 1/2	19 7/8	x	19 1/2	2.69	20 3/8	x	17 13/16	44 13/16	x	20 13/16	10.55
4 ⁰ 5 ⁰	30	48	x	60	47 1/2	x	59 1/2	19 7/8	x	25 1/2	3.52	20 3/8	x	23 13/16	44 13/16	x	26 13/16	13.99
4 ⁰ 6 ⁰	36	48	x	72	47 1/2	x	71 1/2	19 7/8	x	31 1/2	4.35	20 3/8	x	29 13/16	44 13/16	x	32 13/16	17.43
4 ⁰ 8 ⁰	48	48	x	96	47 1/2	x	95 1/2	19 7/8	x	43 1/2	6.00	20 3/8	x	41 13/16	44 13/16	x	44 13/16	24.31



SERIES 7120 QUIETLINE DOUBLE BYPASS BELOW or DOUBLE BYPASS ABOVE 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 SLIDER UNITS & LITES		GLASS SIZE PW UNIT & LITE		TOTAL VISIBLE GLASS SQ. FT.
		WDT	x HGT	AWW	x AWH	WDT	x HGT		WDT	x HGT	WDT	x HGT	
5 ⁰ 3 ⁶	21	60	x 42	59 1/2	x 41 1/2	25 7/8	x 16 1/2	2.96	26 3/8	x 14 13/16	56 13/16	x 17 13/16	11.38
5 ⁰ 4 ⁰	24	60	x 48	59 1/2	x 47 1/2	25 7/8	x 19 1/2	3.50	26 3/8	x 17 13/16	56 13/16	x 20 13/16	13.60
5 ⁰ 5 ⁰	30	60	x 60	59 1/2	x 59 1/2	25 7/8	x 25 1/2	4.58	26 3/8	x 23 13/16	56 13/16	x 26 13/16	18.04
5 ⁰ 6 ⁰	36	60	x 72	59 1/2	x 71 1/2	25 7/8	x 31 1/2	5.66	26 3/8	x 29 13/16	56 13/16	x 32 13/16	22.48
5 ⁰ 8 ⁰	48	60	x 96	59 1/2	x 95 1/2	25 7/8	x 43 1/2	7.82	26 3/8	x 41 13/16	56 13/16	x 44 13/16	31.36
6 ⁰ 3 ⁶	21	72	x 42	71 1/2	x 41 1/2	31 7/8	x 16 1/2	3.65	32 3/8	x 14 13/16	68 13/16	x 17 13/16	13.94
6 ⁰ 4 ⁰	24	72	x 48	71 1/2	x 47 1/2	31 7/8	x 19 1/2	4.32	32 3/8	x 17 13/16	68 13/16	x 20 13/16	16.66
6 ⁰ 5 ⁰	30	72	x 60	71 1/2	x 59 1/2	31 7/8	x 25 1/2	5.64	32 3/8	x 23 13/16	68 13/16	x 26 13/16	22.10
6 ⁰ 6 ⁰	36	72	x 72	71 1/2	x 71 1/2	31 7/8	x 31 1/2	6.97	32 3/8	x 29 13/16	68 13/16	x 32 13/16	27.54
6 ⁰ 8 ⁰	48	72	x 96	71 1/2	x 95 1/2	31 7/8	x 43 1/2	9.63	32 3/8	x 41 13/16	68 13/16	x 44 13/16	38.42

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:

$$(AWW / 2) - 3 7/8"$$

$$BS - 4 1/2"$$

Glass formulas:

Slider units & lites : $(AWW / 2) - 3 3/8"$
 BS - 6 3/16"

Picture Window unit & lite: $AWW - 2 11/16"$
 $AWH - BS - 2 11/16"$

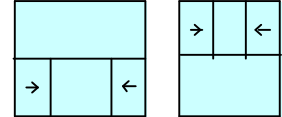
Total visible glass is combined area of all units, minus one inch in both width and height from each unit for spacer reveal.

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



SERIES 7120 QUIETLINE DOUBLE BYPASS BELOW or DOUBLE BYPASS ABOVE 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 ACTIVE UNITS & LITES		GLASS SIZE PASSIVE UNIT & LITE		GLASS SIZE PW 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	
4 ⁰ 3 ⁶	12	21	48	x 42	47 1/2	x 41 1/2	7 7/8	x 16 1/2	0.90	8 3/8	x 14 13/16	22 7/8	x 14 13/16	44 13/16	x 17 13/16	8.63
4 ⁰ 4 ⁰	12	24	48	x 48	47 1/2	x 47 1/2	7 7/8	x 19 1/2	1.07	8 3/8	x 17 13/16	22 7/8	x 17 13/16	44 13/16	x 20 13/16	10.30
4 ⁰ 5 ⁰	12	30	48	x 60	47 1/2	x 59 1/2	7 7/8	x 25 1/2	1.39	8 3/8	x 23 13/16	22 7/8	x 23 13/16	44 13/16	x 26 13/16	13.66
4 ⁰ 6 ⁰	12	36	48	x 72	47 1/2	x 71 1/2	7 7/8	x 31 1/2	1.72	8 3/8	x 29 13/16	22 7/8	x 29 13/16	44 13/16	x 32 13/16	17.01
4 ⁰ 8 ⁰	12	48	48	x 96	47 1/2	x 95 1/2	7 7/8	x 43 1/2	2.38	8 3/8	x 41 13/16	22 7/8	x 41 13/16	44 13/16	x 44 13/16	23.71
5 ⁰ 3 ⁶	15	21	60	x 42	59 1/2	x 41 1/2	10 7/8	x 16 1/2	1.25	11 3/8	x 14 13/16	28 7/8	x 14 13/16	56 13/16	x 17 13/16	11.18
5 ⁰ 4 ⁰	15	24	60	x 48	59 1/2	x 47 1/2	10 7/8	x 19 1/2	1.47	11 3/8	x 17 13/16	28 7/8	x 17 13/16	56 13/16	x 20 13/16	13.36
5 ⁰ 5 ⁰	15	30	60	x 60	59 1/2	x 59 1/2	10 7/8	x 25 1/2	1.93	11 3/8	x 23 13/16	28 7/8	x 23 13/16	56 13/16	x 26 13/16	17.71
5 ⁰ 6 ⁰	15	36	60	x 72	59 1/2	x 71 1/2	10 7/8	x 31 1/2	2.38	11 3/8	x 29 13/16	28 7/8	x 29 13/16	56 13/16	x 32 13/16	22.06
5 ⁰ 8 ⁰	15	48	60	x 96	59 1/2	x 95 1/2	10 7/8	x 43 1/2	3.29	11 3/8	x 41 13/16	28 7/8	x 41 13/16	56 13/16	x 44 13/16	30.76
6 ⁰ 3 ⁶	18	21	72	x 42	71 1/2	x 41 1/2	13 7/8	x 16 1/2	1.59	14 3/8	x 14 13/16	34 7/8	x 14 13/16	68 13/16	x 17 13/16	13.73
6 ⁰ 4 ⁰	18	24	72	x 48	71 1/2	x 47 1/2	13 7/8	x 19 1/2	1.88	14 3/8	x 17 13/16	34 7/8	x 17 13/16	68 13/16	x 20 13/16	16.41
6 ⁰ 5 ⁰	18	30	72	x 60	71 1/2	x 59 1/2	13 7/8	x 25 1/2	2.46	14 3/8	x 23 13/16	34 7/8	x 23 13/16	68 13/16	x 26 13/16	21.76
6 ⁰ 6 ⁰	18	36	72	x 72	71 1/2	x 71 1/2	13 7/8	x 31 1/2	3.04	14 3/8	x 29 13/16	34 7/8	x 29 13/16	68 13/16	x 32 13/16	27.11
6 ⁰ 8 ⁰	18	48	72	x 96	71 1/2	x 95 1/2	13 7/8	x 43 1/2	4.19	14 3/8	x 41 13/16	34 7/8	x 41 13/16	68 13/16	x 44 13/16	37.81
8 ⁰ 3 ⁶	24	21	96	x 42	95 1/2	x 41 1/2	19 7/8	x 16 1/2	2.28	20 3/8	x 14 13/16	46 7/8	x 14 13/16	92 13/16	x 17 13/16	18.84
8 ⁰ 4 ⁰	24	24	96	x 48	95 1/2	x 47 1/2	19 7/8	x 19 1/2	2.69	20 3/8	x 17 13/16	46 7/8	x 17 13/16	92 13/16	x 20 13/16	22.51
8 ⁰ 5 ⁰	24	30	96	x 60	95 1/2	x 59 1/2	19 7/8	x 25 1/2	3.52	20 3/8	x 23 13/16	46 7/8	x 23 13/16	92 13/16	x 26 13/16	29.86
8 ⁰ 6 ⁰	24	36	96	x 72	95 1/2	x 71 1/2	19 7/8	x 31 1/2	4.35	20 3/8	x 29 13/16	46 7/8	x 29 13/16	92 13/16	x 32 13/16	37.22
8 ⁰ 8 ⁰	24	48	96	x 96	95 1/2	x 95 1/2	19 7/8	x 43 1/2	6.00	20 3/8	x 41 13/16	46 7/8	x 41 13/16	92 13/16	x 44 13/16	51.92

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:

VS - 4 1/8"
 BS - 4 1/2"

Glass formulas:

Active units & lites : VS - 3 5/8"
 BS - 6 3/16"
 Passive units & lites : AWW - 2VS - 5/8"
 BS - 6 3/16"
 Picture Window : AWW - 2 11/16"
 AWH - BS - 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