

Opening Specifications

Premium Pocket Casement Windows (8212)

WEATHER SHIELD.
WINDOWS & DOORS

Revised 3/23/17

Jamb size	Sq. Ft. Clear Opening	Clear Opening		Sq. Ft. Daylight Opening	Sq. Ft. Vent	Floor to Bottom of Clear Opening ^a	Sq. Ft. Overall Unit Area ^b
		Width	Height				
18.5 x 24.5	1.29	9.71	19.13	1.45	1.56	60.39	3.15
18.5 x 30.5	1.70	9.71	25.13	1.94	2.05	54.39	3.92
18.5 x 36.5	2.10	9.71	31.13	2.43	2.54	48.39	4.69
18.5 x 42.5	2.50	9.71	37.13	2.92	3.03	42.39	5.46
18.5 x 48.5	2.91	9.71	43.13	3.41	3.52	36.39	6.23
18.5 x 54.5	3.31	9.71	49.13	3.90	4.01	30.39	7.00
18.5 x 60.5	3.72	9.71	55.13	4.39	4.50	24.39	7.77
18.5 x 66.5	4.12	9.71	61.13	4.88	4.99	18.39	8.54
18.5 x 72.5	4.53	9.71	67.13	5.37	5.48	36.39	9.31
18.5 x 78.5	4.93	9.71	73.13	5.85	5.97	30.39	10.09
18.5 x 84.5	5.34	9.71	79.13	6.34	6.46	24.39	10.86
18.5 x 90.5	5.74	9.71	85.13	6.83	6.95	18.39	11.63
18.5 x 96.5	6.15	9.71	91.13	7.32	7.44	12.39	12.40
20.5 x 24.5	1.56	11.71	19.13	1.69	1.83	60.39	3.49
20.5 x 30.5	2.04	11.71	25.13	2.27	2.40	54.39	4.34
20.5 x 36.5	2.53	11.71	31.13	2.84	2.97	48.39	5.20
20.5 x 42.5	3.02	11.71	37.13	3.41	3.55	42.39	6.05
20.5 x 48.5	3.51	11.71	43.13	3.99	4.12	36.39	6.90
20.5 x 54.5	4.00	11.71	49.13	4.56	4.69	30.39	7.76
20.5 x 60.5	4.48	11.71	55.13	5.13	5.26	24.39	8.61
20.5 x 66.5	4.97	11.71	61.13	5.71	5.84	18.39	9.47
20.5 x 72.5	5.46	11.71	67.13	6.28	6.41	36.39	10.32
20.5 x 78.5	5.95	11.71	73.13	6.85	6.98	30.39	11.18
20.5 x 84.5	6.44	11.71	79.13	7.42	7.56	24.39	12.03
20.5 x 90.5	6.92	11.71	85.13	8.00	8.13	18.39	12.88
20.5 x 96.5	7.41	11.71	91.13	8.57	8.70	12.39	13.74
24.5 x 24.5	2.09	15.71	19.13	2.19	2.36	60.39	4.17
24.5 x 30.5	2.74	15.71	25.13	2.93	3.10	54.39	5.19
24.5 x 36.5	3.40	15.71	31.13	3.67	3.84	48.39	6.21
24.5 x 42.5	4.05	15.71	37.13	4.41	4.58	42.39	7.23
24.5 x 48.5	4.71	15.71	43.13	5.15	5.32	36.39	8.25
24.5 x 54.5	5.36	15.71	49.13	5.89	6.06	30.39	9.27
24.5 x 60.5	6.02	15.71	55.13	6.63	6.80	24.39	10.29
24.5 x 66.5	6.67	15.71	61.13	7.37	7.54	18.39	11.31
24.5 x 72.5	7.33	15.71	67.13	8.10	8.28	36.39	12.34
24.5 x 78.5	7.98	15.71	73.13	8.84	9.02	30.39	13.36
24.5 x 84.5	8.63	15.71	79.13	9.58	9.75	24.39	14.38
24.5 x 90.5	9.29	15.71	85.13	10.32	10.49	18.39	15.40
24.5 x 96.5	9.94	15.71	91.13	11.06	11.23	12.39	16.42
28.5 x 24.5	2.62	19.71	19.13	2.68	2.89	60.39	4.85
28.5 x 30.5	3.44	19.71	25.13	3.59	3.80	54.39	6.04
28.5 x 36.5	4.26	19.71	31.13	4.49	4.70	48.39	7.22
28.5 x 42.5	5.08	19.71	37.13	5.40	5.61	42.39	8.41
28.5 x 48.5	6.42	21.44	43.13	6.31	6.52	36.39	9.60
28.5 x 54.5	7.32	21.44	49.13	7.21	7.42	30.39	10.79
28.5 x 60.5	8.21	21.44	55.13	8.12	8.33	24.39	11.97
28.5 x 66.5	9.10	21.44	61.13	9.02	9.23	18.39	13.16
28.5 x 72.5	10.00	21.44	67.13	9.93	10.14	36.39	14.35
28.5 x 78.5	10.89	21.44	73.13	10.84	11.05	30.39	15.54
28.5 x 84.5	11.78	21.44	79.13	11.74	11.95	24.39	16.72
28.5 x 90.5	12.68	21.44	85.13	12.65	12.86	18.39	17.91
28.5 x 96.5	13.57	21.44	91.13	13.56	13.77	12.39	19.10

Shaded sizes meet or exceed egress opening requirements per 2006 IBC (International Building Code) minimum dimensions of 20" clear opening width, 24" clear opening height, 5.7 sq. ft. clear opening and floor to bottom of clear opening not to exceed 44".

^a Floor to bottom of clear opening dimensions are based on 82" jamb height of a 6-10 door.

All units over 66.5" jamb height are based off 106" jamb height for floor to clear opening dimension

Floor to clear opening dimensions for replacement windows can vary depending on the window they are being installed in.

^b Sq. Ft. Overall Unit Area is calculated on the jamb dimension.

^c These windows meet or exceed emergency escape and rescue opening requirements if installed lower in the wall so the "Floor to Bottom of Clear Opening Height" does not exceed 44".

All units 30.5" or wider in rough opening width are manufactured with a 14" hinge. Sash opens to approximately 82° at full opening, which could limit emergency escape and rescue compatibility. Clear opening width values for these are calculated parallel to the sash. Check with your local building inspector to verify allowance

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Jamb size	Sq. Ft. Clear Opening	Clear Opening		Sq. Ft. Daylight Opening	Sq. Ft. Vent	Floor to Bottom of Clear Opening ^a	Sq. Ft. Overall Unit Area ^b
		Width	Height				
30.5 x 24.5	2.88	21.71	19.13	2.93	3.16	60.39	5.19
30.5 x 30.5	3.79	21.71	25.13	3.92	4.15	54.39	6.46
30.5 x 36.5	4.69	21.71	31.13	4.91	5.13	48.39	7.73
30.5 x 42.5	6.05	23.44	37.13	5.90	6.12	42.39	9.00
30.5 x 48.5	7.02	23.44	43.13	6.89	7.11	36.39	10.27
30.5 x 54.5	8.00	23.44	49.13	7.88	8.10	30.39	11.54
30.5 x 60.5	8.98	23.44	55.13	8.87	9.09	24.39	12.81
30.5 x 66.5	9.95	23.44	61.13	9.85	10.08	18.39	14.09
30.5 x 72.5	10.93	23.44	67.13	10.84	11.07	36.39	15.36
30.5 x 78.5	11.91	23.44	73.13	11.83	12.06	30.39	16.63
30.5 x 84.5	12.88	23.44	79.13	12.82	13.05	24.39	17.90
30.5 x 90.5	13.86	23.44	85.13	13.81	14.04	18.39	19.17
30.5 x 96.5	13.74	21.71	91.13	14.80	15.03	12.39	20.44
32.5 x 24.5	2.86	21.52	19.13	3.17	3.42	60.39	5.53
32.5 x 30.5	3.76	21.52	25.13	4.25	4.49	54.39	6.88
32.5 x 36.5	4.65	21.52	31.13	5.32	5.57	48.39	8.24
32.5 x 42.5	6.11	23.71	37.13	6.39	6.64	42.39	9.59
32.5 x 48.5	6.44	21.52	43.13	7.47	7.71	36.39	10.95
32.5 x 54.5	7.34	21.52	49.13	8.54	8.79	30.39	12.30
32.5 x 60.5	8.24	21.52	55.13	9.61	9.86	24.39	13.65
32.5 x 66.5	9.13	21.52	61.13	10.68	10.93	18.39	15.01
32.5 x 72.5	10.03	21.52	67.13	11.76	12.01	36.39	16.36
32.5 x 78.5	10.93	21.52	73.13	12.83	13.08	30.39	17.72
32.5 x 84.5	11.82	21.52	79.13	13.90	14.15	24.39	19.07
32.5 x 90.5	12.72	21.52	85.13	14.98	15.22	18.39	20.43
32.5 x 96.5	13.62	21.52	91.13	16.05	16.30	12.39	21.78
36.5 x 24.5	3.38	25.45	19.13	3.67	3.95	60.39	6.21
36.5 x 30.5	4.44	25.45	25.13	4.91	5.19	54.39	7.73
36.5 x 36.5 ^c	5.99	27.71	31.13	6.15	6.43	48.39	9.25
36.5 x 42.5	6.56	25.45	37.13	7.39	7.67	42.39	10.77
36.5 x 48.5	7.62	25.45	43.13	8.63	8.91	36.39	12.29
36.5 x 54.5	8.68	25.45	49.13	9.87	10.15	30.39	13.81
36.5 x 60.5	9.74	25.45	55.13	11.10	11.39	24.39	15.34
36.5 x 66.5	10.80	25.45	61.13	12.34	12.63	18.39	16.86
36.5 x 72.5	11.86	25.45	67.13	13.58	13.87	36.39	18.38
36.5 x 78.5	12.93	25.45	73.13	14.82	15.11	30.39	19.90
36.5 x 84.5	13.99	25.45	79.13	16.06	16.35	24.39	21.42
36.5 x 90.5	15.05	25.45	85.13	17.30	17.59	18.39	22.94
36.5 x 96.5	16.11	25.45	91.13	18.54	18.83	12.39	24.46
42.5 x 24.5	4.17	31.35	19.13	4.41	4.75	60.39	7.23
42.5 x 30.5	5.47	31.35	25.13	5.90	6.24	54.39	9.00
42.5 x 36.5 ^c	7.29	33.71	31.13	7.39	7.73	48.39	10.77
42.5 x 42.5	8.08	31.35	37.13	8.88	9.22	42.39	12.54
42.5 x 48.5	9.39	31.35	43.13	10.37	10.71	36.39	14.31
42.5 x 54.5	10.70	31.35	49.13	11.85	12.20	30.39	16.09
42.5 x 60.5	12.00	31.35	55.13	13.34	13.69	24.39	17.86
42.5 x 66.5	13.31	31.35	61.13	14.83	15.18	18.39	19.63
42.5 x 72.5	14.62	31.35	67.13	16.32	16.67	36.39	21.40
42.5 x 78.5	15.92	31.35	73.13	17.81	18.16	30.39	23.17
42.5 x 84.5	17.23	31.35	79.13	19.30	19.65	24.39	24.94
42.5 x 90.5	18.54	31.35	85.13	20.79	21.14	18.39	26.71
42.5 x 96.5	19.84	31.35	91.13	22.28	22.63	12.39	28.48

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