Opening Specifications

Signature Casement Windows (8205)

Weather Shield®
Windows & Doors

Call 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				
1620	1.29	9.71	19.16	1.59	1.57	60.89	2.86
1626	1.70	9.71	25.16	2.11	2.06	54.89	3.59
1630	2.10	9.71	31.16	2.63	2.55	48.89	4.31
1636	2.51	9.71	37.16	3.14	3.04	42.89	5.04
1640	2.91	9.71	43.16	3.66	3.54	36.89	5.77
1646	3.32	9.71	49.16	4.18	4.03	30.89	6.50
1650	3.72	9.71	55.16	4.70	4.52	24.89	7.23
1656	4.13	9.71	61.16	5.21	5.01	42.89	7.96
1660	4.53	9.71	67.16	5.73	5.50	36.89	8.69
1666	4.93	9.71	73.16	6.25	5.99	30.89	9.42
1670	5.34	9.71	79.16	6.77	6.49	24.89	10.15
1820	1.56	11.71	19.16	1.85	1.84	60.89	3.18
1826	2.05	11.71	25.16	2.45	2.41	54.89	3.99
1830	2.53	11.71	31.16	3.05	2.99	48.89	4.81
1836	3.02	11.71	37.16	3.65	3.56	42.89	5.62
1840	3.51	11.71	43.16	4.25	4.14	36.89	6.43
1846	4.00	11.71	49.16	4.85	4.71	30.89	7.24
1850	4.49	11.71	55.16	5.45	5.29	24.89	8.06
1856	4.98	11.71	61.16	6.05	5.86	42.89	8.87
1860	5.46	11.71	67.16	6.66	6.44	36.89	9.68
1866	5.95	11.71	73.16	7.26	7.01	30.89	10.49
1870	6.44	11.71	79.16	7.86	7.59	24.89	11.31
2020	2.09	15.71	19.16	2.36	2.37	60.89	3.84
2026	2.75	15.71	25.16	3.13	3.11	54.89	4.81
2030	3.40	15.71	31.16	3.89	3.85	48.89	5.79
2036	4.06	15.71	37.16	4.66	4.59	42.89	6.77
2040	4.71	15.71	43.16	5.43	5.33	36.89	7.75
2046	5.36	15.71	49.16	6.20	6.08	30.89	8.73
2050	6.02	15.71	55.16	6.96	6.82	24.89	9.71
2056	6.67	15.71	61.16	7.73	7.56	42.89	10.69
2060	7.33	15.71	67.16	8.50	8.30	36.89	11.67
2066	7.98	15.71	73.16	9.27	9.04	30.89	12.65
2070	8.64	15.71	79.16	10.04	9.78	24.89	13.63
2420	2.62	19.71	19.16	2.87	2.90	60.89	4.49
2426	3.44	19.71	25.16	3.80	3.81	54.89	5.63
2430	4.27	19.71	31.16	4.74	4.72	48.89	6.78
2436	5.09	19.71	37.16	5.67	5.63	42.89	7.93
2440	5.91	19.71	43.16	6.61	6.53	36.89	9.07
2446	6.73	19.71	49.16	7.54	7.44	30.89	10.22
2450	7.55	19.71	55.16	8.48	8.35	24.89	11.36
2456	8.37	19.71	61.16	9.41	9.26	42.89	12.51
2460	9.19	19.71	67.16	10.35	10.17	36.89	13.65
2466	10.02	19.71	73.16	11.28	11.08	30.89	14.80
2470	10.84	19.71	79.16	12.21	11.98	24.89	15.95
2620	2.89	21.71	19.16	3.13	3.17	60.89	4.81
2626	3.79	21.71	25.16	4.14	4.16	54.89	6.04
2630	4.70	21.71	31.16	5.16	5.15	48.89	7.27
2636	6.05	23.44	37.16	6.18	6.14	42.89	8.50
2640	6.51	21.71	43.16	7.20	7.13	36.89	9.73
2646	7.41	21.71	49.16	8.21	8.12	30.89	10.96
2650	8.32	21.71	55.16	9.23	9.12	24.89	12.19
2656	9.22	21.71	61.16	10.25	10.11	42.89	13.42
2660	10.13	21.71	67.16	11.27	11.10	36.89	14.65
2666	11.03	21.71	73.16	12.29	12.09	30.89	15.88
2670	11.94	21.71	79.16	13.30	13.08	24.89	17.11

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" header height.

All units over 66 height are based off 106" header height for floor to clear opening dimension

[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 32.5" or wider in rough opening width are manufactured with a 14" hinge. Sash opens to approximatly 82º at full opening, which could limit emergency escape and rescue compatability. Clear opening width values for these are calculated parallell to the sash. Check with your local building inspector to verify allowance

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		Width	Height				
2820	2.87	21.53	19.16	3.38	3.43	60.89	5.14
2826	3.76	21.53	25.16	4.48	4.51	54.89	6.45
2830	4.66	21.53	31.16	5.58	5.58	48.89	7.77
2836	6.12	23.71	37.16	6.69	6.66	42.89	9.08
2840	6.45	21.53	43.16	7.79	7.73	36.89	10.39
2846	7.35	21.53	49.16	8.89	8.81	30.89	11.70
2850	8.25	21.53	55.16	9.99	9.88	24.89	13.02
2856	9.15	21.53	61.16	11.09	10.96	42.89	14.33
2860	10.04	21.53	67.16	12.19	12.03	36.89	15.64
2866	10.94	21.53	73.16	13.29	13.11	30.89	16.95
2870	11.84	21.53	79.16	14.39	14.18	24.89	18.27
3020	3.39	25.47	19.16	3.89	3.97	60.89	5.79
3026	4.45	25.47	25.16	5.16	5.21	54.89	7.27
3030[c]	6.00	27.71	31.16	6.43	6.45	48.89	8.75
3036	6.57	25.47	37.16	7.70	7.69	42.89	10.23
3040	7.63	25.47	43.16	8.96	8.93	36.89	11.71
3046	8.69	25.47	49.16	10.23	10.17	30.89	13.19
3050	9.76	25.47	55.16	11.50	11.41	24.89	14.67
3056	10.82	25.47	61.16	12.77	12.66	42.89	16.15
3060	11.88	25.47	67.16	14.04	13.90	36.89	17.63
3066	12.94	25.47	73.16	15.30	15.14	30.89	19.11
3070	14.00	25.47	79.16	16.57	16.38	24.89	20.59

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[a] Floor to bottom of clear opening dimensions are based on 82" header height.

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[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".

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