

# Contemporary Collection™

## Opening Specifications

Casement Windows (8211) with retractable screen

Revised 1/17/19

# 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 <sup>a</sup>	Sq. Ft. Overall Unit Area <sup>b</sup>
		Width	Height				
1620	1.10	9.56	16.55	1.45	1.35	60.89	2.86
1626	1.50	9.56	22.55	1.94	1.84	54.89	3.59
1630	1.89	9.56	28.55	2.43	2.33	48.89	4.31
1636	2.29	9.56	34.55	2.92	2.82	42.89	5.04
1640	2.69	9.56	40.55	3.41	3.31	36.89	5.77
1646	3.09	9.56	46.55	3.90	3.80	30.89	6.50
1650	3.49	9.56	52.55	4.39	4.29	24.89	7.23
1656	3.89	9.56	58.55	4.88	4.78	18.89	7.96
1660	4.28	9.56	64.55	5.37	5.27	36.89	8.69
1666	4.68	9.56	70.55	5.85	5.76	30.89	9.42
1670	5.08	9.56	76.55	6.34	6.25	24.89	10.15
1676	5.48	9.56	82.55	6.83	6.74	18.89	10.88
1680	5.88	9.56	88.55	7.32	7.23	12.89	11.61
1820	1.33	11.56	16.55	1.69	1.58	60.89	3.18
1826	1.81	11.56	22.55	2.27	2.15	54.89	3.99
1830	2.29	11.56	28.55	2.84	2.73	48.89	4.81
1836	2.77	11.56	34.55	3.41	3.30	42.89	5.62
1840	3.25	11.56	40.55	3.99	3.87	36.89	6.43
1846	3.74	11.56	46.55	4.56	4.45	30.89	7.24
1850	4.22	11.56	52.55	5.13	5.02	24.89	8.06
1856	4.70	11.56	58.55	5.71	5.59	18.89	8.87
1860	5.18	11.56	64.55	6.28	6.16	36.89	9.68
1866	5.66	11.56	70.55	6.85	6.74	30.89	10.49
1870	6.14	11.56	76.55	7.42	7.31	24.89	11.31
1876	6.63	11.56	82.55	8.00	7.88	18.89	12.12
1880	7.11	11.56	88.55	8.57	8.46	12.89	12.93
2020	1.79	15.56	16.55	2.19	2.04	60.89	3.84
2026	2.44	15.56	22.55	2.93	2.78	54.89	4.81
2030	3.08	15.56	28.55	3.67	3.52	48.89	5.79
2036	3.73	15.56	34.55	4.41	4.26	42.89	6.77
2040	4.38	15.56	40.55	5.15	5.00	36.89	7.75
2046	5.03	15.56	46.55	5.89	5.74	30.89	8.73
2050	5.68	15.56	52.55	6.63	6.48	24.89	9.71
2056	6.33	15.56	58.55	7.37	7.22	18.89	10.69
2060	6.97	15.56	64.55	8.10	7.96	36.89	11.67
2066	7.62	15.56	70.55	8.84	8.70	30.89	12.65
2070	8.27	15.56	76.55	9.58	9.44	24.89	13.63
2076	8.92	15.56	82.55	10.32	10.18	18.89	14.61
2080	9.57	15.56	88.55	11.06	10.92	12.89	15.59
2420	2.25	19.56	16.55	2.68	2.50	60.89	4.49
2426	3.06	19.56	22.55	3.59	3.41	54.89	5.63
2430	3.88	19.56	28.55	4.49	4.31	48.89	6.78
2436	4.69	19.56	34.55	5.40	5.22	42.89	7.93
2440	5.99	21.29	40.55	6.31	6.12	36.89	9.07
2446	6.88	21.29	46.55	7.21	7.03	30.89	10.22
2450	7.77	21.29	52.55	8.12	7.94	24.89	11.36
2456	8.66	21.29	58.55	9.02	8.84	18.89	12.51
2460	9.54	21.29	64.55	9.93	9.75	36.89	13.65
2466	10.43	21.29	70.55	10.84	10.66	30.89	14.80
2470	11.32	21.29	76.55	11.74	11.56	24.89	15.95
2476	12.20	21.29	82.55	12.65	12.47	18.89	17.09
2480	13.09	21.29	88.55	13.56	13.38	12.89	18.24

Shaded sizes meet or exceed egress opening requirements per 2015 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".

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

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

<sup>b</sup> Sq. Ft. Overall Unit Area is calculated on the jamb dimension.

The requirements outlined above for the major US building codes can be modified by local jurisdictions. Therefore, it is important to check local codes in the areas in which the product is to be installed.

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## Opening Specifications

Casement Windows (8211) with retractable screen Revised 1/17/19

## 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 <sup>a</sup>	Sq. Ft. Overall Unit Area <sup>b</sup>
		Width	Height				
2620	2.48	21.56	16.55	2.93	2.73	60.89	4.81
2626	3.38	21.56	22.55	3.92	3.72	54.89	6.04
2630	4.27	21.56	28.55	4.91	4.71	48.89	7.27
2636	5.59	23.29	34.55	5.90	5.70	42.89	8.50
2640	6.07	21.56	40.55	6.89	6.69	36.89	9.73
2646	6.97	21.56	46.55	7.88	7.68	30.89	10.96
2650	7.87	21.56	52.55	8.87	8.67	24.89	12.19
2656	8.76	21.56	58.55	9.85	9.66	18.89	13.42
2660	9.66	21.56	64.55	10.84	10.65	36.89	14.65
2666	10.56	21.56	70.55	11.83	11.64	30.89	15.88
2670	11.46	21.56	76.55	12.82	12.63	24.89	17.11
2676	12.36	21.56	82.55	13.81	13.62	18.89	18.34
2680	13.26	21.56	88.55	14.80	14.61	12.89	19.56
2820	2.46	21.38	16.55	3.17	2.96	60.89	5.14
2826	3.35	21.38	22.55	4.25	4.03	54.89	6.45
2830	4.24	21.38	28.55	5.32	5.11	48.89	7.77
2836	5.65	23.56	34.55	6.39	6.18	42.89	9.08
2840	6.02	21.38	40.55	7.47	7.25	36.89	10.39
2846	6.91	21.38	46.55	8.54	8.32	30.89	11.70
2850	7.80	21.38	52.55	9.61	9.40	24.89	13.02
2856	8.69	21.38	58.55	10.68	10.47	18.89	14.33
2860	9.58	21.38	64.55	11.76	11.54	36.89	15.64
2866	10.47	21.38	70.55	12.83	12.62	30.89	16.95
2870	11.36	21.38	76.55	13.90	13.69	24.89	18.27
2876	12.25	21.38	82.55	14.98	14.76	18.89	19.58
2880	13.14	21.38	88.55	16.05	15.83	12.89	20.89
3020	2.91	25.31	16.55	3.67	3.42	60.89	5.79
3026	3.96	25.31	22.55	4.91	4.66	54.89	7.27
3030	5.46	27.56	28.55	6.15	5.90	48.89	8.75
3036	6.07	25.31	34.55	7.39	7.14	42.89	10.23
3040	7.13	25.31	40.55	8.63	8.38	36.89	11.71
3046	8.18	25.31	46.55	9.87	9.62	30.89	13.19
3050	9.24	25.31	52.55	11.10	10.86	24.89	14.67
3056	10.29	25.31	58.55	12.34	12.10	18.89	16.15
3060	11.35	25.31	64.55	13.58	13.34	36.89	17.63
3066	12.40	25.31	70.55	14.82	14.58	30.89	19.11
3070	13.45	25.31	76.55	16.06	15.82	24.89	20.59
3076	14.51	25.31	82.55	17.30	17.05	18.89	22.06
3080	15.56	25.31	88.55	18.54	18.29	12.89	23.54
3620	3.59	31.21	16.55	4.41	4.11	60.89	6.77
3626	4.89	31.21	22.55	5.90	5.60	54.89	8.50
3630 <sup>c</sup>	6.19	31.21	28.55	7.39	7.09	48.89	10.23
3636	7.49	31.21	34.55	8.88	8.58	42.89	11.96
3640	8.79	31.21	40.55	10.37	10.07	36.89	13.69
3646	10.09	31.21	46.55	11.85	11.56	30.89	15.42
3650	11.39	31.21	52.55	13.34	13.05	24.89	17.15
3656	12.69	31.21	58.55	14.83	14.54	18.89	18.88
3660	13.99	31.21	64.55	16.32	16.03	36.89	20.61
3666	15.29	31.21	70.55	17.81	17.52	30.89	22.34
3670	16.59	31.21	76.55	19.30	19.00	24.89	24.06
3676	17.89	31.21	82.55	20.79	20.49	18.89	25.79
3680	19.19	31.21	88.55	22.28	21.98	12.89	27.52

Shaded sizes meet or exceed egress opening requirements per 2015 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".

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

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

<sup>b</sup> Sq. Ft. Overall Unit Area is calculated on the jamb dimension.

<sup>c</sup> 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

The requirements outlined above for the major US building codes can be modified by local jurisdictions. Therefore, it is important to check local codes in the areas in which the product is to be installed.