

Opening Specifications

French Push Out Casement Windows (8217) with retractable screen

Revised 1/17/19

Call Size	Sq. Ft. Clear Opening 1 Sash Open	Clear Opening 1 Sash Open		Sq. Ft. Clear Opening 2 Sash Open ^d	Clear Opening 2 Sash Open ^d		Sq. Ft. Daylight Opening	Sq. Ft. Vent 2 Sash Open	Floor to Bottom of Clear Opening ^a	Sq. Ft. Overall Unit Area ^b
		Width	Height		Width	Height				
1830	2.32	11.65	28.69	4.34	21.77	28.69	5.86	6.49	48.06	9.63
1836	2.81	11.65	34.69	5.25	21.77	34.69	7.04	7.85	42.06	11.26
1840	3.29	11.65	40.69	6.15	21.77	40.69	8.23	9.20	36.06	12.89
1846	3.78	11.65	46.69	7.06	21.77	46.69	9.41	10.56	30.06	14.51
1850	4.26	11.65	52.69	7.97	21.77	52.69	10.59	11.92	24.06	16.14
1856	4.75	11.65	58.69	8.87	21.77	58.69	11.77	13.27	18.06	17.77
1860	5.23	11.65	64.69	9.78	21.77	64.69	12.96	14.63	36.06	19.40
1866	5.72	11.65	70.69	10.69	21.77	70.69	14.14	15.99	30.06	21.02
1870	6.20	11.65	76.69	11.60	21.77	76.69	15.32	17.34	24.06	22.65
2030	3.11	15.63	28.69	5.79	29.08	28.69	7.51	8.08	48.06	11.60
2036	3.76	15.63	34.69	7.00	29.08	34.69	9.03	9.77	42.06	13.56
2040	4.42	15.63	40.69	8.22	29.08	40.69	10.55	11.46	36.06	15.52
2046	5.07	15.63	46.69	9.43	29.08	46.69	12.06	13.15	30.06	17.49
2050	5.72	15.63	52.69	10.64	29.08	52.69	13.58	14.84	24.06	19.45
2056	6.37	15.63	58.69	11.85	29.08	58.69	15.09	16.53	18.06	21.41
2060	7.02	15.63	64.69	13.06	29.08	64.69	16.61	18.22	36.06	23.37
2066	7.67	15.63	70.69	14.27	29.08	70.69	18.12	19.91	30.06	25.33
2070	8.32	15.63	76.69	15.49	29.08	76.69	19.64	21.60	24.06	27.29
2430	3.91	19.61	28.69	7.25	36.38	28.69	9.17	9.68	48.06	13.57
2436	4.72	19.61	34.69	8.76	36.38	34.69	11.02	11.70	42.06	15.87
2440	5.54	19.61	40.69	10.28	36.38	40.69	12.87	13.72	36.06	18.16
2446	6.36	19.61	46.69	11.80	36.38	46.69	14.71	15.75	30.06	20.46
2450	7.18	19.61	52.69	13.31	36.38	52.69	16.56	17.77	24.06	22.75
2456	7.99	19.61	58.69	14.83	36.38	58.69	18.41	19.79	18.06	25.05
2460	8.81	19.61	64.69	16.34	36.38	64.69	20.26	21.82	36.06	27.34
2466	9.63	19.61	70.69	17.86	36.38	70.69	22.11	23.84	30.06	29.63
2470	10.44	19.61	76.69	19.37	36.38	76.69	23.96	25.87	24.06	31.93
2630	4.30	21.61	28.69	7.98	40.03	28.69	9.99	10.47	48.06	14.56
2636	5.21	21.61	34.69	9.64	40.03	34.69	12.01	12.66	42.06	17.02
2640	6.11	21.61	40.69	11.31	40.03	40.69	14.03	14.85	36.06	19.48
2646	7.01	21.61	46.69	12.98	40.03	46.69	16.04	17.04	30.06	21.94
2650	7.91	21.61	52.69	14.65	40.03	52.69	18.06	19.23	24.06	24.40
2656	8.81	21.61	58.69	16.32	40.03	58.69	20.07	21.42	18.06	26.87
2660	9.71	21.61	64.69	17.98	40.03	64.69	22.09	23.61	36.06	29.33
2666	10.61	21.61	70.69	19.65	40.03	70.69	24.10	25.81	30.06	31.79
2670	11.51	21.61	76.69	21.32	40.03	76.69	26.12	28.00	24.06	34.25
2830	4.44	22.29	28.69	8.39	42.11	28.69	10.82	11.27	48.06	15.55
2836	5.37	22.29	34.69	10.14	42.11	34.69	13.00	13.63	42.06	18.17
2840	6.30	22.29	40.69	11.90	42.11	40.69	15.19	15.98	36.06	20.80
2846	7.23	22.29	46.69	13.65	42.11	46.69	17.37	18.34	30.06	23.43
2850	8.15	22.29	52.69	15.41	42.11	52.69	19.55	20.70	24.06	26.06
2856	9.08	22.29	58.69	17.16	42.11	58.69	21.73	23.05	18.06	28.68
2860	10.01	22.29	64.69	18.92	42.11	64.69	23.91	25.41	36.06	31.31
2866	10.94	22.29	70.69	20.67	42.11	70.69	26.10	27.77	30.06	33.94
2870	11.87	22.29	76.69	22.43	42.11	76.69	28.28	30.13	24.06	36.57
3030	5.24	26.28	28.69	9.87	49.55	28.69	12.47	12.86	48.06	17.52
3036	6.33	26.28	34.69	11.94	49.55	34.69	17.50	15.55	42.06	20.48
3040	7.43	26.28	40.69	14.00	49.55	40.69	20.02	18.24	36.06	23.44
3046	8.52	26.28	46.69	16.07	49.55	46.69	22.54	20.93	30.06	26.40
3050	9.62	26.28	52.69	18.13	49.55	52.69	25.05	23.63	24.06	29.36
3056	10.71	26.28	58.69	20.20	49.55	58.69	27.57	26.32	18.06	32.32
3060	11.81	26.28	64.69	22.26	49.55	64.69	30.08	29.01	36.06	35.28
3066	12.90	26.28	70.69	24.33	49.55	70.69	32.60	31.70	30.06	38.25
3070	13.99	26.28	76.69	26.39	49.55	76.69	32.60	34.39	24.06	41.21

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".

^a 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.

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

^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".

^d Some municipalities do not allow both sash to be opened for egress requirements. Verify egress requirements with your local building code official.

Clear openings are calculated with the sash open to approximately 82°, which may limit emergency escape and rescue compatibility. Check with your local building code official to verify compliance.

Egress heights are for the standard sill stop. Add 0.6875" to clear opening height when using the low profile sill stop

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.