

# Premium Series™

## Opening Specifications

### Double Hung Windows (8120)

Revised 5/15/17

**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				
1630	1.22	13.91	12.60	1.94	1.22	48.06	4.31
1636	1.51	13.91	15.60	2.40	1.51	42.06	5.04
1640	1.80	13.91	18.60	2.86	1.80	36.06	5.77
1646	2.09	13.91	21.60	3.31	2.09	30.06	6.50
1648	2.18	13.91	22.60	3.47	2.18	28.06	6.74
1650	2.38	13.91	24.60	3.77	2.38	24.06	7.23
1656	2.67	13.91	27.60	4.23	2.67	18.06	7.96
1660	2.96	13.91	30.60	4.69	2.96	36.06	8.69
1666	3.01	13.91	31.18	5.15	3.01	30.06	9.42
1670	3.01	13.91	31.18	5.61	3.01	24.06	10.15
1676	3.01	13.91	31.18	6.06	3.01	18.06	10.88
1680	3.01	13.91	31.18	6.52	3.01	12.06	11.61
2030	1.74	19.91	12.60	3.00	1.74	48.06	5.79
2036	2.16	19.91	15.60	3.70	2.16	42.06	6.77
2040	2.57	19.91	18.60	4.41	2.57	36.06	7.75
2046	2.99	19.91	21.60	5.12	2.99	30.06	8.73
2048	3.13	19.91	22.60	5.36	3.13	28.06	9.06
2050	3.40	19.91	24.60	5.83	3.40	24.06	9.71
2056	3.82	19.91	27.60	6.54	3.82	18.06	10.69
2060	4.23	19.91	30.60	7.25	4.23	36.06	11.67
2066	4.09	19.91	29.61	7.95	4.09	30.06	12.65
2070	4.09	19.91	29.61	8.66	4.09	24.06	13.63
2076	4.09	19.91	29.61	9.37	4.09	18.06	14.61
2080	4.09	19.91	29.61	10.08	4.09	12.06	15.59
2630	2.27	25.91	12.60	4.05	2.27	48.06	7.27
2636	2.81	25.91	15.60	5.01	2.81	42.06	8.50
2640	3.35	25.91	18.60	5.97	3.35	36.06	9.73
2646	3.89	25.91	21.60	6.93	3.89	30.06	10.96
2648	4.07	25.91	22.60	7.25	4.07	28.06	11.37
2650	4.43	25.91	24.60	7.89	4.43	24.06	12.19
2656	4.97	25.91	27.60	8.84	4.97	18.06	13.42
2660	5.33	25.91	29.61	9.80	5.33	36.06	14.65
2666	5.33	25.91	29.61	10.76	5.33	30.06	15.88
2670	5.33	25.91	29.61	11.72	5.33	24.06	17.11
2676	5.33	25.91	29.61	12.68	5.33	18.06	18.34
2680	5.33	25.91	29.61	13.64	5.33	12.06	19.56
2830	2.44	27.91	12.60	4.41	2.44	48.06	7.77
2836	3.02	27.91	15.60	5.45	3.02	42.06	9.08
2840	3.61	27.91	18.60	6.49	3.61	36.06	10.39
2846	4.19	27.91	21.60	7.53	4.19	30.06	11.70
2848	4.38	27.91	22.60	7.88	4.38	28.06	12.14
2850	4.77	27.91	24.60	8.57	4.77	24.06	13.02
2856	5.35	27.91	27.60	9.61	5.35	18.06	14.33
2860	5.74	27.91	29.61	10.66	5.74	36.06	15.64
2866	5.74	27.91	29.61	11.70	5.74	30.06	16.95
2870	5.74	27.91	29.61	12.74	5.74	24.06	18.27
2876	5.74	27.91	29.61	13.78	5.74	18.06	19.58
2880	5.74	27.91	29.61	14.82	5.74	12.06	20.89
21030	2.62	29.91	12.60	4.76	2.62	48.06	8.26
21036	3.24	29.91	15.60	5.88	3.24	42.06	9.65
21040	3.86	29.91	18.60	7.01	3.86	36.06	11.05
21046	4.49	29.91	21.60	8.13	4.49	30.06	12.45
21048	4.69	29.91	22.60	8.51	4.69	28.06	12.91
21050	5.11	29.91	24.60	9.26	5.11	24.06	13.84
21056	5.73	29.91	27.60	10.38	5.73	18.06	15.24
21060	6.15	29.91	29.61	11.51	6.15	36.06	16.63
21066	6.15	29.91	29.61	12.63	6.15	30.06	18.03
21070	6.15	29.91	29.61	13.76	6.15	24.06	19.43
21076	6.15	29.91	29.61	14.88	6.15	18.06	20.82
21080	6.15	29.91	29.61	16.01	6.15	12.06	22.22

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.

# Premium Series™

## Opening Specifications

### Double Hung Windows (8120)

# WEATHER SHIELD.

## WINDOWS & DOORS

Revised 5/15/17

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				
3030	2.79	31.91	12.60	5.11	2.79	48.06	8.75
3036	3.46	31.91	15.60	6.32	3.46	42.06	10.23
3040	4.12	31.91	18.60	7.53	4.12	36.06	11.71
3046	4.79	31.91	21.60	8.74	4.79	30.06	13.19
3048	5.01	31.91	22.60	9.14	5.01	28.06	13.68
3050	5.45	31.91	24.60	9.94	5.45	24.06	14.67
3050(E)	5.70	31.91	25.72	9.94	5.70	24.06	14.67
3052	5.70	31.91	25.72	10.35	5.70	22.06	15.16
3056	6.12	31.91	27.60	11.15	6.12	18.06	16.15
3060	6.56	31.91	29.61	12.36	6.56	36.06	17.63
3066	6.56	31.91	29.61	13.57	6.56	30.06	19.11
3070	6.56	31.91	29.61	14.78	6.56	24.06	20.59
3076	6.56	31.91	29.61	15.99	6.56	18.06	22.06
3080	6.56	31.91	29.61	17.19	6.56	12.06	23.54
3149(E)	5.72	33.66	24.47	10.01	5.72	26.56	14.74
3230	2.97	33.91	12.60	5.46	2.97	48.06	9.24
3236	3.67	33.91	15.60	6.75	3.67	42.06	10.81
3240	4.38	33.91	18.60	8.05	4.38	36.06	12.37
3246	5.09	33.91	21.60	9.34	5.09	30.06	13.93
3248	5.32	33.91	22.60	9.77	5.32	28.06	14.45
3250	5.79	33.91	24.60	10.63	5.79	24.06	15.49
3256	6.50	33.91	27.60	11.92	6.50	18.06	17.06
3260	6.97	33.91	29.61	13.21	6.97	36.06	18.62
3266	6.97	33.91	29.61	14.50	6.97	30.06	20.18
3270	6.97	33.91	29.61	15.80	6.97	24.06	21.74
3276	6.97	33.91	29.61	17.09	6.97	18.06	23.31
3280	6.59	33.91	27.99	18.38	6.59	12.06	24.87
3630	3.32	37.91	12.60	6.17	3.32	48.06	10.23
3636	4.11	37.91	15.60	7.63	4.11	42.06	11.96
3640	4.90	37.91	18.60	9.08	4.90	36.06	13.69
3646	5.69	37.91	21.60	10.54	5.69	30.06	15.42
3648	5.95	37.91	22.60	11.03	5.95	28.06	15.99
3650	6.48	37.91	24.60	12.00	6.48	24.06	17.15
3656	7.27	37.91	27.60	13.46	7.27	18.06	18.88
3660	7.80	37.91	29.61	14.92	7.80	36.06	20.61
3666	7.80	37.91	29.61	16.38	7.80	30.06	22.34
3670	7.37	37.91	27.99	17.83	7.37	24.06	24.06
3676	7.37	37.91	27.99	19.29	7.37	18.06	25.79
3680	7.37	37.91	27.99	20.75	7.37	12.06	27.52
4030	3.84	43.91	12.60	7.22	3.84	48.06	11.71
4036	4.76	43.91	15.60	8.93	4.76	42.06	13.69
4040	5.67	43.91	18.60	10.64	5.67	36.06	15.67
4046	6.59	43.91	21.60	12.35	6.59	30.06	17.65
4048	6.89	43.91	22.60	12.92	6.89	28.06	18.31
4050	7.50	43.91	24.60	14.06	7.50	24.06	19.63
4056	8.42	43.91	27.60	15.77	8.42	18.06	21.61
4060	8.53	43.91	27.99	17.47	8.53	36.06	23.59
4066	8.53	43.91	27.99	19.18	8.53	30.06	25.56
4070	8.53	43.91	27.99	20.89	8.53	24.06	27.54
4076	8.53	43.91	27.99	22.60	8.53	18.06	29.52
4080	8.53	43.91	27.99	24.31	8.53	12.06	31.50

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".

<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.

3050 (E) and 3149 (E) have a slightly modified sash proportion to meet egress. Top sash glass is 2" taller than the bottom. Sash stop must be removed to meet egress requirements.

3052 R.O. (36" x 62") meets egress when sash stop is not used.

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.