

CRESTLINE®

SELECT 500 WOOD WINDOWS & PATIO DOORS



VINYL CLAD WINDOWS & PATIO DOORS
TECHNICAL SPECIFICATIONS



Crestline
Windows & Doors



Technical Specifications

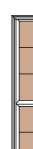
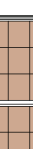
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Double Hung Window Elevations

Unit Dimension	1'-5 1/2"	1'-11 1/2"	2'-5 1/2"	2'-7 1/2"	2'-9 1/2"	2'-11 1/2"	3'-1 1/2"	3'-5 1/2"	3'-11 1/2"
Rough Opening	1'-6"	2'-0"	2'-6"	2'-8"	2'-10"	3'-0"	3'-2"	3'-6"	4'-0"
Soft Metric R.O. (mm)	457	610	762	813	864	914	965	1067	1219
Glass Size	11 5/8"	17 5/8"	23 5/8"	25 5/8"	27 5/8"	29 5/8"	31 5/8"	35 5/8"	41 5/8"
2'-11 1/2"									
3'-0"	1630	2030	2630	2830	21030	3030	3230	3630	4030
3'-5 1/2"									
3'-6"	1636	2036	2636	2836	21036	3036	3236	3636	4036
3'-11 1/2"									
4'-0"	1640	2040	2640	2840	21040	3040	3240	3640	4040
4'-5 1/2"									
4'-6"	1646	2046	2646	2846	21046	3046	3246	3646	4046
4'-7 1/2"									
4'-8"	1648	2048	2648	2848	21048	3048	3248	3648	4048
4'-11 1/2"									
5'-0"	1650	2050	2650	2850	21050	3050	3250	3650	4050
5'-5 1/2"									
5'-6"	1652	2052	2652	2852	21052	3052	3252	3652	4052
5'-11 1/2"									
29 1/2"	1656	2056	2656	2856	21056	3056	3256	3656	4056

Double Hung Window Elevations

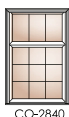
Unit Dimension	1'-5 1/2"	1'-11 1/2"	2'-5 1/2"	2'-7 1/2"	2'-9 1/2"	2'-11 1/2"	3'-1 1/2"	3'-5 1/2"	3'-11 1/2"
Rough Opening	1'-6"	2'-0"	2'-6"	2'-8"	2'-10"	3'-0"	3'-2"	3'-6"	4'-0"
Soft Metric R.O. (mm)	457	610	762	813	864	914	965	1067	1219
Glass Size	11 5/8"	17 5/8"	23 5/8"	25 5/8"	27 5/8"	29 5/8"	31 5/8"	35 5/8"	41 5/8"

5'-11 1/2" 6'-0" 1829									
	1660	2060	2660	2860	21060	3060	3260	3660	4060
6'-5 1/2" 6'-6" 1981									
	1666	2066	2666	2866	21066	3066	3266	3666	4066
6'-11 1/2" 7'-0" 2134									
	1670	2070	2670	2870	21070	3070	3270	3670	4070

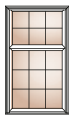
Optional Sash Configurations

Available for these heights, and all widths.

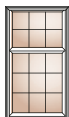
Cottage Sash Configuration



CO-2840

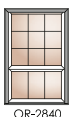


CO-2846

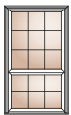


CO-2848

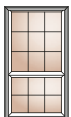
Oriel Sash Configuration



OR-2840

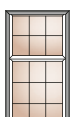


OR-2846



OR-2848

Cottage Sash Configuration



CO-2850

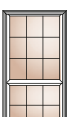


CO-2856



CO-2856

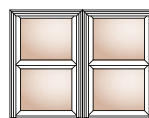
Oriel Sash Configuration



OR-2850

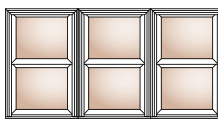


OR-2856



2 - Wide Width Dimensions

Base Code	Unit Dimension (Frame Size)	Rough Opening	Soft Metric R.O. (mm)
DH2-16	2'-11 1/16"	2'-11 9/16"	903
DH2-20	3'-11 1/16"	3'-11 9/16"	1208
DH2-26	4'-11 1/16"	4'-11 9/16"	1208
DH2-28	5'-3 1/16"	5'-3 9/16"	1411
DH2-210	5'-7 1/16"	5'-7 9/16"	1716
DH2-30	5'-11 1/16"	5'-11 9/16"	1818
DH2-32	6'-3 1/16"	6'-3 9/16"	1919
DH2-36	6'-11 1/16"	6'-11 9/16"	2047
DH2-40	7'-11 1/16"	7'-11 9/16"	2427



3 - Wide Width Dimensions

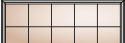
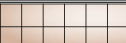
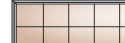
Base Code	Unit Dimension (Frame Size)	Rough Opening	Soft Metric R.O. (mm)
DH3-16	4'-4 5/8"	4'-5 1/8"	1372
DH3-20	5'-10 5/8"	5'-11 1/8"	1807
DH3-26	7'-4 5/8"	7'-5 1/8"	2264
DH3-28	7'-10 5/8"	7'-11 1/8"	2416
DH3-210	8'-4 5/8"	8'-5 1/8"	2569
DH3-30	8'-10 5/8"	8'-11 1/8"	2721
DH3-32	9'-4 5/8"	9'-5 1/8"	2873
DH3-36	10'-4 5/8"	10'-5 1/8"	3065
DH3-40	11'-10 5/8"	11'-11 1/8"	3635

Double Hung Picture Window Elevations

Unit Dimension	1'-5 1/2"	1'-11 1/2"	2'-5 1/2"	2'-7 1/2"	2'-9 1/2"	2'-11 1/2"	3'-1 1/2"	3'-5 1/2"	3'-11 1/2"	4'-5 1/2"	4'-11 1/2"	5'-5 1/2"	5'-11 1/2"
Rough Opening	1'-6"	2'-0"	2'-6"	2'-8"	2'-10"	3'-0"	3'-2"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"
Soft Metric R.O. (mm)	457	610	762	813	864	914	965	1067	1219	1372	1524	1676	1829
Glass Size	14 3/4"	20 3/4"	26 3/4"	28 3/4"	30 3/4"	32 3/4"	34 3/4"	38 3/4"	44 3/4"	50 3/4"	56 3/4"	62 3/4"	68 3/4"
2'-11 1/2"													
3'-5 1/2"													
3'-11 1/2"													
4'-5 1/2"													
4'-7 1/2"													
4'-11 1/2"													
5'-5 1/2"													
5'-11 1/2"													
6'-5 1/2"													
6'-11 1/2"													

Double Hung Picture Window Elevations

Unit Dimension	1'-5 1/2"	1'-11 1/2"	2'-5 1/2"	2'-7 1/2"	2'-9 1/2"	2'-11 1/2"	3'-1 1/2"	3'-5 1/2"	3'-11 1/2"
Rough Opening	1'-6"	2'-0"	2'-6"	2'-8"	2'-10"	3'-0"	3'-2"	3'-6"	4'-0"
Soft Metric R.O. (mm)	457	610	762	813	864	914	965	1067	1219
Glass Size	14 3/4"	20 3/4"	26 3/4"	28 3/4"	30 3/4"	32 3/4"	34 3/4"	38 3/4"	44 3/4"
2'-11 1/2"									
3'-0"									
2'-5 1/2"									
2'-6"									
2'-11 1/2"									

Unit Dimension	4'-5 1/2"	4'-11 1/2"	5'-5 1/2"	5'-11 1/2"
Rough Opening	4'-6"	5'-0"	5'-6"	6'-0"
Soft Metric R.O. (mm)	1372	1524	1676	1829
Glass Size	50 3/4"	56 3/4"	62 3/4"	68 3/4"
2'-11 1/2"				
3'-0"				
2'-5 1/2"				
2'-6"				
2'-11 1/2"				

Double Hung Specialty Shaped Window Elevations



2-0



2-4



2-6



2-8



3-0



3-2



3-6

Unit Dimension	1'-11 1/2" x 1'-11 3/4"	2'-3-1/2" x 1'-11 3/4"	2'-5 1/2" x 1'-2 3/4"	2'-7 1/2" x 1'-3 3/4"	2'-11 1/2" x 1'-5 3/4"	3'-1 1/2" x 1'-6 3/4"	3'-5 1/2" x 1'-8 3/4"
Rough Opening	2'-0" x 1'-0 1/4"	2'-4" x 1'-2 1/4"	2'-6" x 1'-3 1/4"	2'-8" x 1'-4 1/4"	3'-0" x 1'-6 1/4"	3'-2" x 1'-7 1/4"	3'-6" x 1'-9 1/4"
Soft Metric R.O. (mm)	610 x 311	711 x 362	762 x 381	813 x 413	914 x 457	965 x 489	1067 x 534



4-0



4-6



5-0

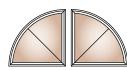


5-6

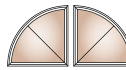


6-0

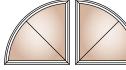
Unit Dimension	3'-11 1/2" x 1'-11 3/4"	4'-5 1/2" x 2'-2 3/4"	4'-11 1/2" x 2'-5 3/4"	5'-5 1/2" x 2'-8 3/4"	5'-11 1/2" x 2'-11 3/4"
Rough Opening	4'-0" x 2'-0 1/4"	4'-6" x 2'-3 1/4"	5'-0" x 2'-6 1/4"	5'-6" x 2'-9 1/4"	6'-0" x 3'-0 1/4"
Soft Metric R.O. (mm)	1219 x 610	1372 x 692	1524 x 762	1676 x 845	1829 x 915



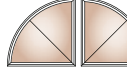
L 2-6 R



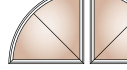
L 2-8 R



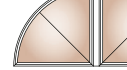
L 2-10 R



L 3-0 R



L 3-2 R



L 3-6 R

Unit Dimension	2'-5 1/2" x 2'-5 1/2"	2'-7 1/2" x 2'-7 1/2"	2'-9 1/2" x 2'-9 1/2"	2'-11 1/2" x 2'-11 1/2"	3'-1 1/2" x 3'-1 1/2"	3'-5 1/2" x 3'-5 1/2"
Rough Opening	2'-6" x 2'-6"	2'-8" x 2'-8"	2'-10" x 2'-10"	3'-0" x 3'-0"	3'-2" x 3'-2"	3'-6" x 3'-6"
Soft Metric R.O. (mm)	762 x 762	813 x 813	864 x 864	914 x 914	965 x 965	1067 x 1067

Double Hung Window Opening Specifications

Call Size	Sq. Ft. Clear Opening	Clear Opening		Sq. Ft. Daylight Opening	Sq. Ft. Vent	Top of Subfloor to Top of Sill Stop ^a	Sq. Ft. Overall Unit Area ^b
		Width	Height				
1630	1.239	13.625	13.090	1.992	1.239	48.063	4.31
1636	1.522	13.625	16.090	2.435	1.522	42.063	5.04
1640	1.806	13.625	19.090	2.878	1.806	36.063	5.77
1646	2.090	13.625	22.090	3.320	2.090	30.063	6.50
1648	2.185	13.625	23.090	3.468	2.185	28.063	6.74
1650	2.374	13.625	25.090	3.763	2.374	24.063	7.23
1656	2.658	13.625	28.090	4.206	2.658	42.063	7.96
1660	2.942	13.625	31.090	4.648	2.942	36.063	8.69
1666	2.974	13.625	31.435	5.091	2.974	30.063	9.42
1670	2.974	13.625	31.435	5.534	2.974	24.063	10.15
2030	1.784	19.625	13.090	3.117	1.784	48.063	5.79
2036	2.193	19.625	16.090	3.810	2.193	42.063	6.77
2040	2.602	19.625	19.090	4.503	2.602	36.063	7.75
2046	3.011	19.625	22.090	5.195	3.011	30.063	8.73
2048	3.147	19.625	23.090	5.426	3.147	28.063	9.06
2050	3.419	19.625	25.090	5.888	3.419	24.063	9.71
2056	3.828	19.625	28.090	6.581	3.828	42.063	10.69
2060	4.237	19.625	31.090	7.273	4.237	36.063	11.67
2066	4.284	19.625	31.435	7.966	4.284	30.063	12.65
2070	4.063	19.625	29.810	8.659	4.063	24.063	13.63
2630	2.329	25.625	13.090	4.242	2.329	48.063	7.27
2636	2.863	25.625	16.090	5.185	2.863	42.063	8.50
2640	3.397	25.625	19.090	6.128	3.397	36.063	9.73
2646	3.931	25.625	22.090	7.070	3.931	30.063	10.96
2648	4.109	25.625	23.090	7.385	4.109	28.063	11.37
2650	4.465	25.625	25.090	8.013	4.465	24.063	12.19
2656	4.999	25.625	28.090	8.956	4.999	42.063	13.42
2660	5.533	25.625	31.090	9.898	5.533	36.063	14.65
2666	5.305	25.625	29.810	10.841	5.305	30.063	15.88
2670	5.305	25.625	29.810	11.784	5.305	24.063	17.11
2830	2.511	27.625	13.090	4.617	2.511	48.063	7.77
2836	3.087	27.625	16.090	5.643	3.087	42.063	9.08
2840	3.662	27.625	19.090	6.669	3.662	36.063	10.39
2846	4.238	27.625	22.090	7.695	4.238	30.063	11.70
2848	4.430	27.625	23.090	8.037	4.430	28.063	12.14
2850	4.813	27.625	25.090	8.721	4.813	24.063	13.02
2856	5.389	27.625	28.090	9.747	5.389	42.063	14.33
2860	5.719	27.625	29.810	10.773	5.719	36.063	15.64
2866	5.719	27.625	29.810	11.799	5.719	30.063	16.95
2870	5.719	27.625	29.810	12.826	5.719	24.063	18.27
21030	2.693	29.625	13.090	4.992	2.693	48.063	8.26
21036	3.310	29.625	16.090	6.102	3.310	42.063	9.65
21040	3.927	29.625	19.090	7.211	3.927	36.063	11.05
21046	4.545	29.625	22.090	8.320	4.545	30.063	12.45
21048	4.750	29.625	23.090	8.690	4.750	28.063	12.91
21050	5.162	29.625	25.090	9.430	5.162	24.063	13.84
21056	5.779	29.625	28.090	10.539	5.779	42.063	15.24
21060	6.133	29.625	29.810	11.648	6.133	36.063	16.63
21066	6.133	29.625	29.810	12.758	6.133	30.063	18.03
21070	6.133	29.625	29.810	13.867	6.133	24.063	19.43

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.

3050 (E) and 3149 (E) have a slightly modified sash portion to meet egress. Top sash glass is 17.50" taller than bottom. Sash stop must be removed to meet egress requirements.

Double Hung Window Opening Specifications

Call Size	Sq. Ft. Clear Opening	Clear Opening		Sq. Ft. Daylight Opening	Sq. Ft. Vent	Top of Subfloor to Top of Sill Stop ^a	Sq. Ft. Overall Unit Area ^b
		Width	Height				
3030	2.875	31.625	13.090	5.367	2.875	48.063	8.75
3036	3.534	31.625	16.090	6.560	3.534	42.063	10.23
3040	4.193	31.625	19.090	7.753	4.193	36.063	11.71
3046	4.851	31.625	22.090	8.945	4.851	30.063	13.19
3048	5.071	31.625	23.090	9.343	5.071	28.063	13.68
3050	5.510	31.625	25.090	10.138	5.510	24.063	14.67
3050 (E)	5.702	31.625	25.965	10.138	5.702	24.063	14.67
3052	5.730	31.625	26.090	10.536	5.730	22.063	15.16
3056	6.169	31.625	28.090	11.331	6.169	42.063	16.15
3060	6.547	31.625	29.810	12.523	6.547	36.063	17.63
3066	6.547	31.625	29.810	13.716	6.547	30.063	19.11
3070	6.547	31.625	29.810	14.909	6.547	24.063	20.59
3149 (E)	5.728	33.375	24.715	10.230	5.728	26.563	14.74
3230	3.057	33.625	13.090	5.742	3.057	48.063	9.24
3236	3.757	33.625	16.090	7.018	3.757	42.063	10.81
3240	4.458	33.625	19.090	8.294	4.458	36.063	12.37
3246	5.158	33.625	22.090	9.570	5.158	30.063	13.93
3248	5.392	33.625	23.090	9.996	5.392	28.063	14.45
3250	5.859	33.625	25.090	10.846	5.859	24.063	15.49
3256	6.559	33.625	28.090	12.122	6.559	42.063	17.06
3260	6.961	33.625	29.810	13.398	6.961	36.063	18.62
3266	6.961	33.625	29.810	14.674	6.961	30.063	20.18
3270	6.961	33.625	29.810	15.951	6.961	24.063	21.74
3630	3.420	37.625	13.090	6.492	3.420	48.063	10.23
3636	4.204	37.625	16.090	7.935	4.204	42.063	11.96
3640	4.988	37.625	19.090	9.378	4.988	36.063	13.69
3646	5.772	37.625	22.090	10.820	5.772	30.063	15.42
3648	6.033	37.625	23.090	11.301	6.033	28.063	15.99
3650	6.556	37.625	25.090	12.263	6.556	24.063	17.15
3656	7.339	37.625	28.090	13.706	7.339	42.063	18.88
3660	7.789	37.625	29.810	15.148	7.789	36.063	20.61
3666	7.789	37.625	29.810	16.591	7.789	30.063	22.34
3670	7.789	37.625	29.810	18.034	7.789	24.063	24.06
4030	3.966	43.625	13.090	7.617	3.966	48.063	11.71
4036	4.874	43.625	16.090	9.310	4.874	42.063	13.69
4040	5.783	43.625	19.090	11.003	5.783	36.063	15.67
4046	6.692	43.625	22.090	12.695	6.692	30.063	17.65
4048	6.995	43.625	23.090	13.260	6.995	28.063	18.31
4050	7.601	43.625	25.090	14.388	7.601	24.063	19.63
4056	8.510	43.625	28.090	16.081	8.510	42.063	21.61
4060	9.031	43.625	29.810	17.773	9.031	36.063	23.59
4066	8.537	43.625	28.180	19.466	8.537	30.063	25.56
4070	8.537	43.625	28.180	21.159	8.537	24.063	27.54

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".

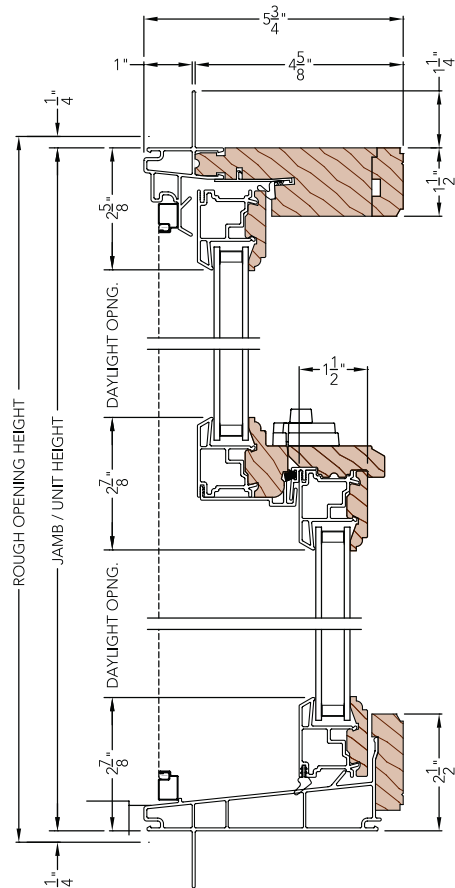
^a Floor to bottom of clear opening dimensions are based on 82" header height.

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.

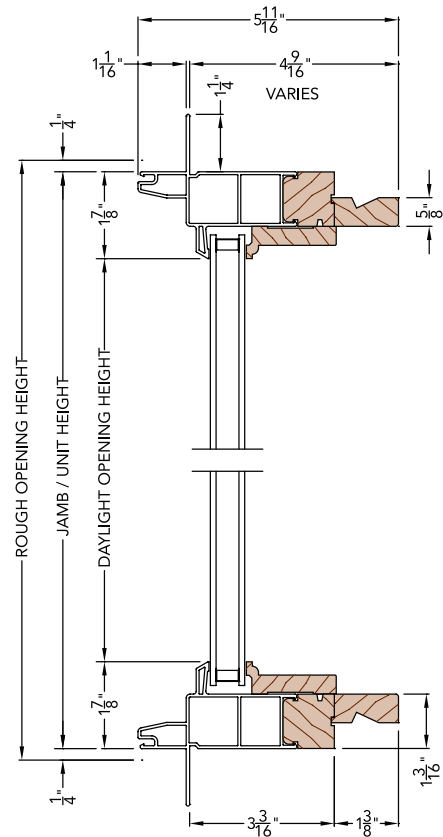
3050 (E) and 3149 (E) have a slightly modified sash portion to meet egress. Top sash glass is 17.50" taller than bottom. Sash stop must be removed to meet egress requirements.

Double Hung Cross Sections



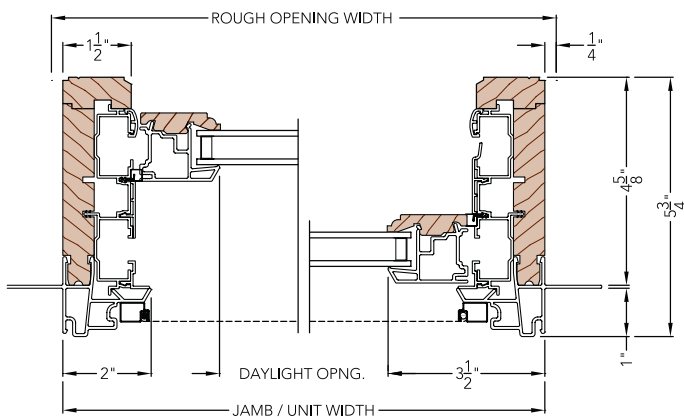
SELECT 500 DOUBLE HUNG WINDOW

Vertical Section



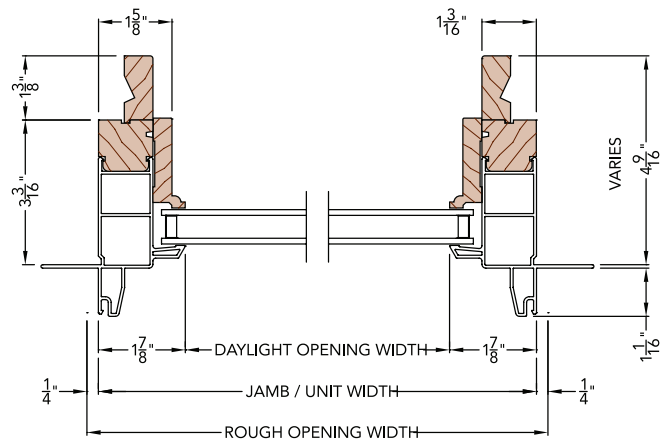
SELECT 500 PICTURE / TRANSOM

Vertical Section



SELECT 500 DOUBLE HUNG WINDOW

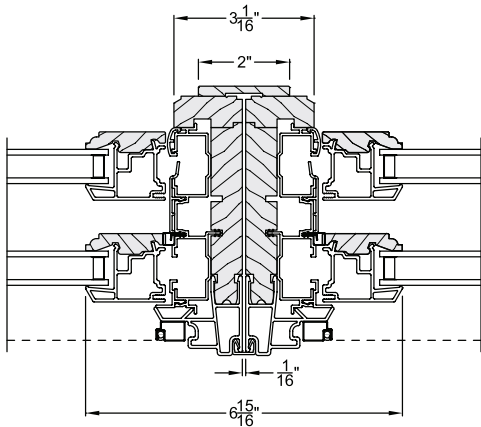
Horizontal Section



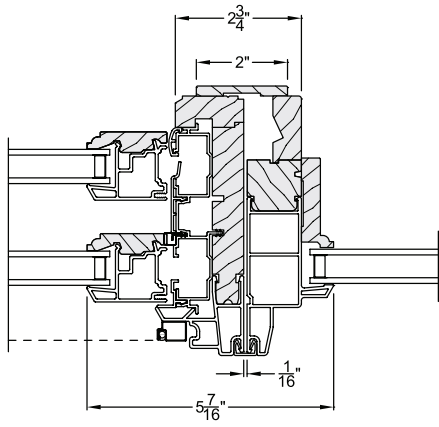
SELECT 500 PICTURE / TRANSOM

Horizontal Section

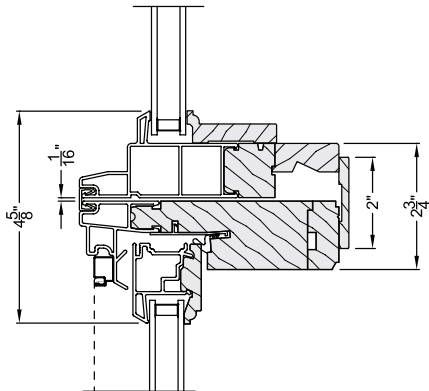
Double Hung Cross Sections



SELECT 500 DOUBLE HUNG WINDOW
Horizontal Mull Section - DH / DH



SELECT 500 DOUBLE HUNG WINDOW
Vertical Mull Section - DH / DH Picture



SELECT 500 DIRECT-SET WINDOW
Horizontal Mull Section - DH Tran / DH

Casement Window Elevations

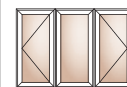
CASEMENT

Unit Dimension	1'-5 1/2"	1'-7 1/2"	1'-11 1/2"	2'-3 1/2"	2'-5 1/2"	2'-7 1/2"	2'-11 1/2"
Rough Opening	1'-6"	1'-8"	2'-0"	2'-4"	2'-6"	2'-8"	3'-0"
Soft Metric R.O. (mm)	457	508	610	711	762	813	914
Glass Size	13 3/8"	15 3/8"	19 3/8"	23 3/8"	25 3/8"	27 3/8"	31 3/8"
1'-11 1/2"							
2'-5 1/2"							
2'-11 1/2"							
3'-5 1/2"							
3'-11 1/2"							
4'-5 1/2"							
4'-11 1/2"							
5'-5 1/2"							
5'-11 1/2"							
6'-5 1/2"							
6'-11 1/2"							



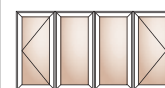
2 - Wide Units Width Dimensions

Base Code	Unit Dimension (Frame Size)	Rough Opening	Soft Metric R.O. (mm)
CS2-16	2'-11 1/16"	2'-11 9/16"	903
CS2-18	3'-3 1/16"	3'-3 9/16"	1005
CS2-20	3'-11 1/16"	3'-11 9/16"	1208
CS2-24	4'-7 1/16"	4'-7 9/16"	1411
CS2-26	4'-11 1/16"	4'-11 9/16"	1513
CS2-28	5'-3 1/16"	5'-3 9/16"	1615
CS2-30	5'-11 1/16"	5'-11 9/16"	1818



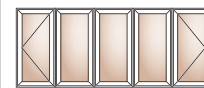
3 - Wide Units Width Dimensions

Base Code	Unit Dimension (Frame Size)	Rough Opening	Soft Metric R.O. (mm)
CS3-16	4'-4 5/8"	4'-5 1/8"	1235
CS3-18	4'-10 5/8"	4'-11 1/8"	1502
CS3-20	5'-10 5/8"	5'-11 1/8"	1807
CS3-24	6'-10 5/8"	6'-11 1/8"	2111
CS3-26	7'-4 5/8"	7'-5 1/8"	2264
CS3-28	7'-10 5/8"	7'-11 1/8"	2416
CS3-30	8'-10 5/8"	8'-11 1/8"	2721



4 - Wide Units Width Dimensions

Base Code	Unit Dimension (Frame Size)	Rough Opening	Soft Metric R.O. (mm)
CS4-16	5'-10 3/16"	5'-10 11/16"	1796
CS4-18	6'-6 3/16"	6'-6 11/16"	1999
CS4-20	7'-10 3/16"	7'-10 11/16"	2405
CS4-24	9'-2 3/16"	9'-2 11/16"	2812
CS4-26	9'-10 3/16"	9'-10 11/16"	3015
CS4-28	10'-6 3/16"	10'-6 11/16"	3218
CS4-30	11'-10 3/16"	11'-10 11/16"	3320



5 - Wide Units Width Dimensions

Base Code	Unit Dimension (Frame Size)	Rough Opening	Soft Metric R.O. (mm)
CS5-16	7'-3 3/4"	7'-4 1/4"	2242
CS5-18	8'-1 3/4"	8'-2 1/4"	2496
CS5-20	9'-9 3/4"	9'-10 1/4"	3004
CS5-24	11'-5 3/4"	11'-6 1/4"	3512

Casement Sash-Set Picture Window Elevations

Unit Dimension		1'-5 1/2"	1'-7 1/2"	1'-11 1/2"	1'-11 1/2"	2'-3 1/2"	2'-5 1/2"	2'-7 1/2"	2'-11 1/2"	3'-5 1/2"	3'-11 1/2"	4'-5 1/2"	4'-11 1/2"	5'-5 1/2"	5'-11 1/2"
Rough Opening		1'-6"	1'-8"	2'-0"	2'-4"	2'-6"	2'-8"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	
Soft Metric R.O. (mm)		457	508	610	711	762	813	914	1067	1219	1372	1524	1626	1829	
Glass Size		13 3/8"	15 3/8"	19 3/8"	23 3/8"	25 3/8"	27 3/8"	31 3/8"	37 3/8"	43 3/8"	49 3/8"	55 3/8"	61 3/8"	67 3/8"	
1'-5 1/2"	1'-6"														
	1'-8"														
	2'-0"														
	2'-6"														
	3'-0"														
	3'-6"														
	4'-0"														
	4'-6"														
	5'-0"														
	5'-6"														
	6'-0"														

CASEMENT

Casement Transom Window Elevations

Unit Dimension	1'-5 1/2"	1'-7 1/2"	1'-11 1/2"	2'-3 1/2"	2'-5 1/2"	2'-7 1/2"	2'-11 1/2"	3'-5 1/2"	3'-11 1/2"	4'-5 1/2"	4'-11 1/2"	5'-5 1/2"	5'-11 1/2"
Rough Opening	1'-6"	1'-8"	2'-0"	2'-4"	2'-6"	2'-8"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"
Soft Metric R.O. (mm)	457	508	610	711	762	813	914	1067	1219	1372	1524	1626	1829
Glass Size	14 3/4"	16 3/4"	20 3/4"	24 3/4"	26 3/4"	28 3/4"	32 3/4"	38 3/4"	44 3/4"	50 3/4"	56 3/4"	62 3/4"	68 3/4"
2'-11 1/2"													
1'-6"	1616	1816	2016	2416	2616	2816	3016	3616	4016	4616	5016	5616	6016
1'-8"													
1'-11 1/2"	1618	1818	2018	2418	2618	2818	3018	3618	4018	4618	5018	5618	6018
2'-0"													
2'-4"	1620	1820	2020	2420	2620	2820	3020	3620	4020	4620	5020	5620	6020
2'-6"													
2'-8"	1626	1826	2026	2426	2626	2826	3026	3626	4026	4626	5026	5626	6026
3'-0"													
3'-6"	1630	1830	2030	2430	2630	2830	3030	3630	4030	4630	5030	5630	6030

Casement Specialty Shape Window Elevations

							
2-0	2-4	2-6	2-8	3-0	3-6	4-0	
Unit Dimension	1'-11 1/2" x 11 3/4"	2'-3 1/2" x 1'-1 3/4"	2'-5 1/2" x 1'-2 3/4"	2'-7 1/2" x 1'-3 3/4"	2'-11 1/2" x 1'-5 3/4"	3'-5 1/2" x 1'-8 3/4"	3'-11 1/2" x 1'-11 3/4"
Rough Opening	2'-0" x 1'-0 1/4"	2'-4" x 1'-2 1/4"	2'-6" x 1'-3 1/4"	2'-8" x 1'-4 1/4"	3'-0" x 1'-6 1/4"	3'-6" x 1'-9 1/4"	4'-0" x 2'-0 1/4"
Soft Metric R.O. (mm)	610 x 311	660 x 362	762 x 381	813 x 413	914 x 457	1067 x 534	1219 x 610

				
4-6	5-0	5-6	6-0	
Unit Dimension	4'-5 1/2" x 2'-2 3/4"	4'-11 1/2" x 2'-5 3/4"	5'-5 1/2" x 2'-8 3/4"	5'-11 1/2" x 2'-11 3/4"
Rough Opening	4'-6" x 2'-3 1/4"	5'-0" x 2'-6 1/4"	5'-6" x 2'-9 1/4"	6'-0" x 3'-0 1/4"
Soft Metric R.O. (mm)	1372 x 692	1524 x 762	1676 x 845	1829 x 915

				
L 2-6 R	L 2-8 R	L 3-0 R	L 3-6 R	
Unit Dimension	2'-5 1/2" x 2'-5 1/2"	2'-7 1/2" x 2'-7 1/2"	2'-11 1/2" x 2'-11 1/2"	3'-5 1/2" x 3'-5 1/2"
Rough Opening	2'-6" x 2'-6"	2'-8" x 2'-8"	3'-0" x 3'-0"	3'-6" x 3'-6"
Soft Metric R.O. (mm)	762 x 762	813 x 813	914 x 914	1067 x 1067

Verify local or state egress requirements with your local building inspector.

Casement Window Opening Specifications

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	18.89	7.96
1660	4.53	9.71	67.16	5.73	5.50	12.89	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	18.89	8.87
1860	5.46	11.71	67.16	6.66	6.44	12.89	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	18.89	10.69
2060	7.33	15.71	67.16	8.50	8.30	12.89	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	18.89	12.51
2460	9.19	19.71	67.16	10.35	10.17	12.89	13.65
2466	10.89	21.44	73.16	11.28	11.08	30.89	14.80
2470	11.79	21.44	79.16	12.21	11.98	24.89	15.95

a Floor to bottom of clear opening dimensions are based on 82" jamb height of a typical door.
b Sq. Ft. Overall Unit Area is calculated on the jamb dimension.

All units 32.5" or wider in rough opening width are manufactured with a 14" hinge. Sash opens to approximately 80° at full opening, which could limit emergency escape and rescue compatibility. Check with your local building inspector to verify local codes.

Casement Window Opening Specifications

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				
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	18.89	13.42
2660	10.13	21.71	67.16	11.27	11.10	12.89	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
2820	2.88	21.63	19.16	3.38	3.43	60.89	5.14
2826	3.78	21.63	25.16	4.48	4.51	54.89	6.45
2830	4.68	21.63	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	6.48	21.63	43.16	7.79	7.73	36.89	10.39
2846	7.39	21.63	49.16	8.89	8.81	30.89	11.70
2850	8.29	21.63	55.16	9.99	9.88	24.89	13.02
2856	9.19	21.63	61.16	11.09	10.96	18.89	14.33
2860	10.09	21.63	67.16	12.19	12.03	12.89	15.64
2866	10.99	21.63	73.16	13.29	13.11	30.89	16.95
2870	11.89	21.63	79.16	14.39	14.18	24.89	18.27
3020	3.40	25.57	19.16	3.89	3.97	60.89	5.79
3026	4.47	25.57	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	6.60	25.57	37.16	7.70	7.69	42.89	10.23
3040	7.66	25.57	43.16	8.96	8.93	36.89	11.71
3046	8.73	25.57	49.16	10.23	10.17	30.89	13.19
3050	9.79	25.57	55.16	11.50	11.41	24.89	14.67
3056	10.86	25.57	61.16	12.77	12.66	18.89	16.15
3060	11.92	25.57	67.16	14.04	13.90	12.89	17.63
3066	12.99	25.57	73.16	15.30	15.14	30.89	19.11
3070	14.05	25.57	79.16	16.57	16.38	24.89	20.59

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" in height.

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

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

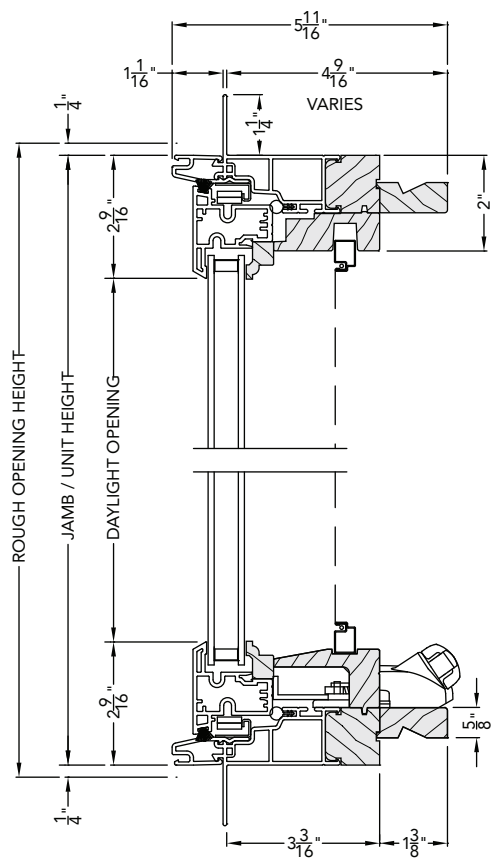
c These windows meet or exceed emergency escape and rescue opening requirements if installed lower in the wall so the "Floor to Bottom of Clear Opening Height" does not exceed 44" in height.

All units 32.5" 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. Check with your local building inspector to verify local codes.

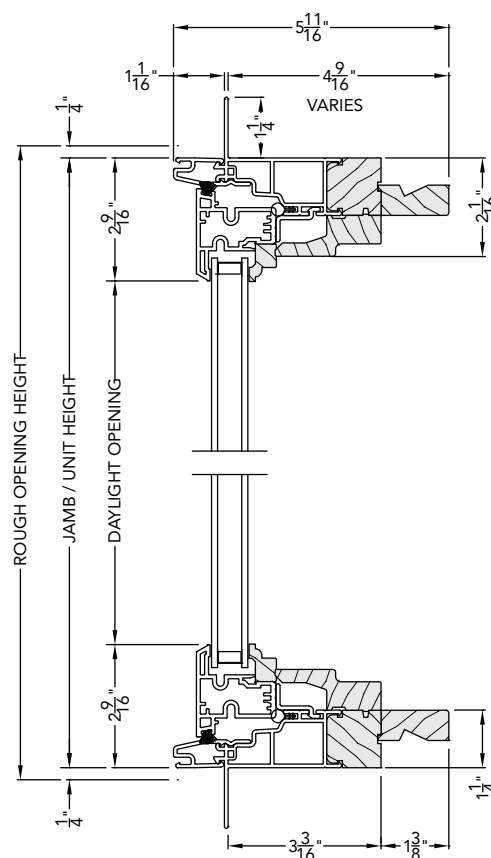
Casement Window

Cross Sections

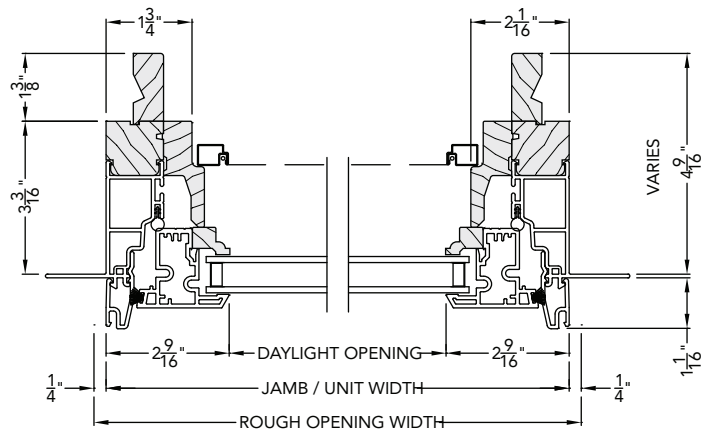
CASEMENT



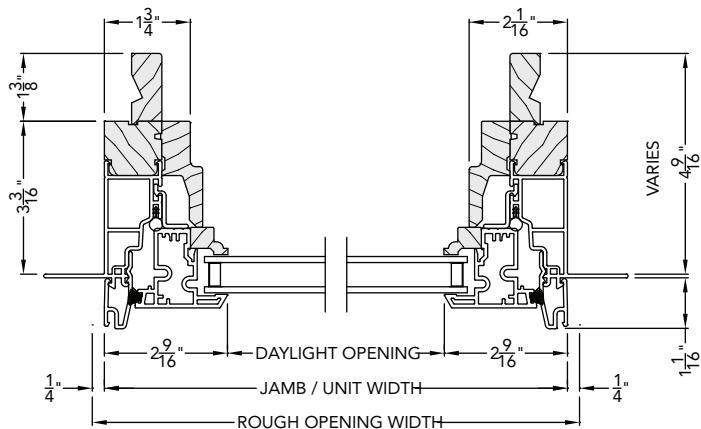
SELECT 500 CASEMENT WINDOW
Vertical Section



SELECT 500 CASEMENT PICTURE WINDOW
Vertical Section



SELECT 500 CASEMENT WINDOW
Horizontal Section

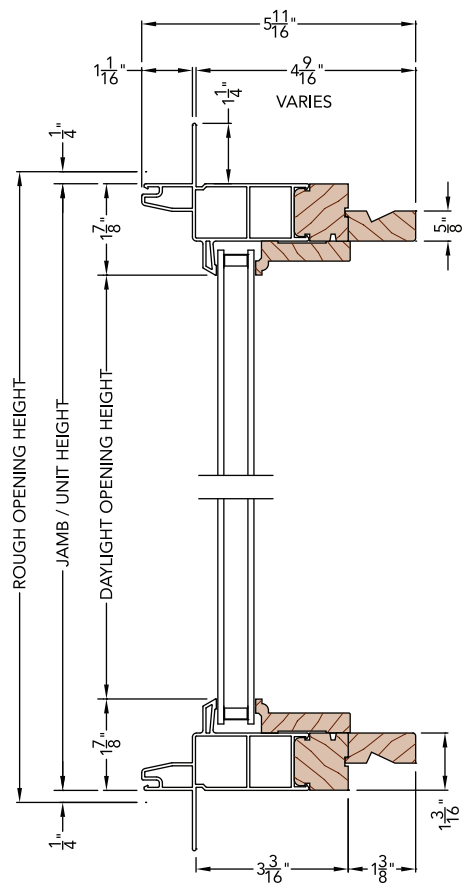


SELECT 500 CASEMENT PICTURE WINDOW
Horizontal Section

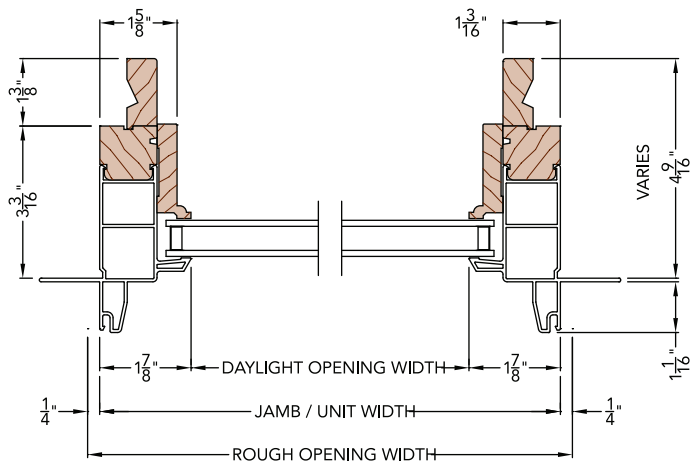
Note: All dimensions are approximate. Crestline reserves the right to change specifications without notice.

Casement Window Cross Sections

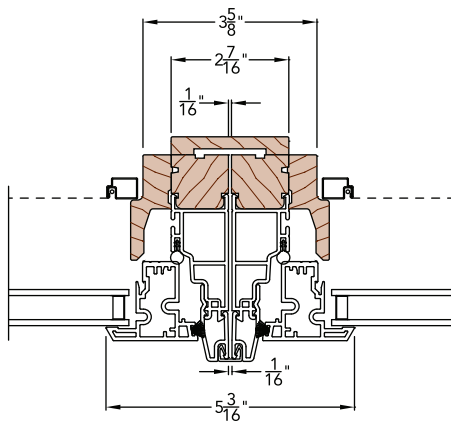
CASEMENT



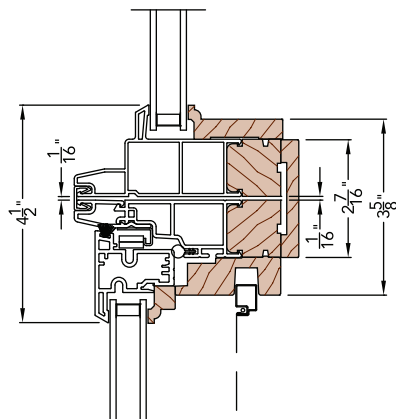
SELECT 500 DIRECT-SET / TRANSOM
Vertical Section



SELECT 500 DIRECT-SET / TRANSOM
Horizontal Section



SELECT 500 CASEMENT WINDOW
Vertical Mull Section - Cas / Cas

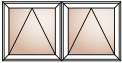


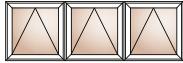
SELECT 500 DIRECT-SET WINDOW
Horizontal Mull Section - Trans / Cas

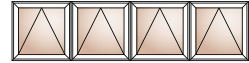
Note: All dimensions are approximate. Weather Shield reserves the right to change specifications without notice.

Awning Window Elevations

Unit Dimension	1'-5 1/2"	1'-7 1/2"	1'-11 1/2"	2'-3 1/2"	2'-5 1/2"	2'-7 1/2"	2'-11 1/2"	3'-5 1/2"	3'-11 1/2"	4'-5 1/2"	4'-11 1/2"
Rough Opening	1'-6"	1'-8"	2'-0"	2'-4"	2'-6"	2'-8"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"
Soft Metric R.O. (mm)	457	508	610	711	762	813	914	1067	1219	1372	1524
Glass Size	13 3/8"	15 3/8"	19 3/8"	23 3/8"	25 3/8"	27 3/8"	31 3/8"	37 3/8"	43 3/8"	49 3/8"	55 3/8"
1'-5 1/2"	 1616	 1816	 2016	 2416	 2616	 2816	 3016	 3616	 4016	 4616	 5016
1'-7 1/2"	 1618	 1818	 2018	 2418	 2618	 2818	 3018	 3618	 4018	 4618	 5018
1'-11 1/2"	 1620	 1820	 2020	 2420	 2620	 2820	 3020	 3620	 4020	 4620	 5020
2'-3 1/2"	 1626	 1826	 2026	 2426	 2626	 2826	 3026	 3626	 4026	 4626	 5026
2'-5 1/2"	 1630	 1830	 2030	 2430	 2630	 2830	 3030	 3630	 4030	 4630	 5030
2'-7 1/2"	 1636	 1836	 2036	 2436	 2636	 2836	 3036	 3636	 4036	 4636	 5036
2'-11 1/2"	 1640	 1840	 2040	 2440	 2640	 2840	 3040	 3640	 4040	 4640	 5040

 2 - Wide Width Dimensions			
Base Code	Unit Dimension (Frame Size)	Rough Opening	Soft Metric R.O. (mm)
AW2-16	2'-11 1/16"	2'-11 9/16"	903
AW2-18	3'-3 1/16"	3'-3 9/16"	1005
AW2-20	3'-11 1/16"	3'-11 9/16"	1208
AW2-24	4'-7 1/16"	4'-7 9/16"	1411
AW2-26	4'-11 1/16"	4'-11 9/16"	1513
AW2-28	5'-3 1/16"	5'-3 9/16"	1615
AW2-30	5'-11 1/16"	5'-11 9/16"	1818
AW2-36	6'-11 1/16"	6'-11 9/16"	2123
AW2-40	7'-11 1/16"	7'-11 9/16"	2427
AW2-46	8'-11 1/16"	8'-11 9/16"	2732
AW2-50	9'-11 1/16"	9'-11 9/16"	3037

 3 - Wide Width Dimensions			
Base Code	Unit Dimension (Frame Size)	Rough Opening	Soft Metric R.O. (mm)
AW3-16	4'-4 5/8"	4'-5 1/8"	1235
AW3-18	4'-10 5/8"	4'-11 1/8"	1502
AW3-20	5'-10 5/8"	5'-11 1/8"	1807
AW3-24	6'-10 5/8"	6'-11 1/8"	2111
AW3-26	7'-4 5/8"	7'-5 1/8"	2264
AW3-28	7'-10 5/8"	7'-11 1/8"	2416
AW3-30	8'-10 5/8"	8'-11 1/8"	2721
AW3-36	10'-4 5/8"	10'-5 1/8"	3178
AW3-40	11'-10 5/8"	11'-11 1/8"	3635
AW3-46	13'-4 5/8"	13'-5 1/8"	4093
AW3-50	14'-10 5/8"	14'-11 1/8"	4550

 4 - Wide Width Dimensions			
Base Code	Unit Dimension (Frame Size)	Rough Opening	Soft Metric R.O. (mm)
AW4-16	5'-10 3/16"	5'-10 11/16"	1796
AW4-18	6'-6 3/16"	6'-6 11/16"	1999
AW4-20	7'-10 3/16"	7'-10 11/16"	2405
AW4-24	9'-2 3/16"	9'-2 11/16"	2812
AW4-26	9'-10 3/16"	9'-10 11/16"	3015
AW4-28	10'-6 3/16"	10'-6 11/16"	3218
AW4-30	11'-10 3/16"	11'-10 11/16"	3320

Awning Window Opening Specifications

Call Size	Vent		Sq. Ft. Vent	Sq. Ft. Daylight Opening	Sq. Ft. Overall Unit Area ^a
	Width	Height			
1616	13.44	9.59	0.89	1.07	2.13
1618	13.44	11.59	1.08	1.25	2.37
1620	13.44	14.59	1.36	1.59	2.86
1626	13.44	20.59	1.92	2.11	3.59
1630	13.44	24.59	2.29	2.63	4.31
1636	13.44	30.59	2.85	3.14	5.04
1640	13.44	34.59	3.23	3.66	5.77
1816	15.44	9.59	1.03	1.25	2.37
1818	15.44	11.59	1.24	1.45	2.64
1820	15.44	14.59	1.56	1.85	3.18
1826	15.44	20.59	2.21	2.45	3.99
1830	15.44	24.59	2.64	3.05	4.81
1836	15.44	30.59	3.28	3.65	5.62
1840	15.44	34.59	3.71	4.25	6.43
2016	19.44	9.59	1.29	1.59	2.86
2018	19.44	11.59	1.56	1.85	3.18
2020	19.44	14.59	1.97	2.36	3.84
2026	19.44	20.59	2.78	3.13	4.81
2030	19.44	24.59	3.32	3.89	5.79
2036	19.44	30.59	4.13	4.66	6.77
2040	19.44	34.59	4.67	5.43	7.75
2416	23.44	9.59	1.56	1.94	3.34
2418	23.44	11.59	1.89	2.25	3.72
2420	23.44	14.59	2.37	2.87	4.49
2426	23.44	20.59	3.35	3.80	5.63
2430	23.44	24.59	4.00	4.74	6.78
2436	23.44	30.59	4.98	5.67	7.93
2440	23.44	34.59	5.63	6.61	9.07
2616	25.44	9.59	1.69	2.11	3.59
2618	25.44	11.59	2.05	2.45	3.99
2620	25.44	14.59	2.58	3.13	4.81
2626	25.44	20.59	3.64	4.14	6.04
2630	25.44	24.59	4.34	5.16	7.27
2636	25.44	30.59	5.40	6.18	8.50
2640	25.44	34.59	6.11	7.20	9.73
2816	27.44	9.59	1.83	2.28	3.83
2818	27.44	11.59	2.21	2.65	4.27
2820	27.44	14.59	2.78	3.38	5.14
2826	27.44	20.59	3.92	4.48	6.45
2830	27.44	24.59	4.68	5.58	7.77
2836	27.44	30.59	5.83	6.69	9.08
2840	27.44	34.59	6.59	7.79	10.39

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" in height.

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

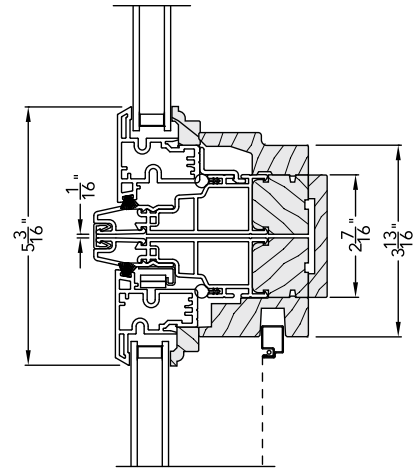
Awning Window Opening Specifications

Call Size	Vent		Sq. Ft. Vent	Sq. Ft. Daylight Opening	Sq. Ft. Overall Unit Area ^a
	Width	Height			
3016	31.44	9.59	2.09	2.63	4.31
3018	31.44	11.59	2.53	3.05	4.81
3020	31.44	14.59	3.18	3.89	5.79
3026	31.44	20.59	4.49	5.16	7.27
3030	31.44	24.59	5.37	6.43	8.75
3036	31.44	30.59	6.68	7.70	10.23
3040	31.44	34.59	7.55	8.96	11.71
3616	37.44	9.59	2.49	3.14	5.04
3618	37.44	11.59	3.01	3.65	5.62
3620	37.44	14.59	3.79	4.66	6.77
3626	37.44	20.59	5.35	6.18	8.50
3630	37.44	24.59	6.39	7.70	10.23
3636	37.44	30.59	7.95	9.21	11.96
3640	37.44	34.59	8.99	10.73	13.69
4016	43.44	9.59	2.89	3.66	5.77
4018	43.44	11.59	3.49	4.25	6.43
4020	43.44	14.59	4.40	5.43	7.75
4026	43.44	20.59	6.21	7.20	9.73
4030	43.44	24.59	7.42	8.96	11.71
4036	43.44	30.59	9.23	10.73	13.69
4040	43.44	34.59	10.43	12.50	15.67
4616	49.44	9.59	3.29	4.18	6.50
4618	49.44	11.59	3.98	4.85	7.24
4620	49.44	14.59	5.01	6.20	8.73
4626	49.44	20.59	7.07	8.21	10.96
4630	49.44	24.59	8.44	10.23	13.19
4636	49.44	30.59	10.50	12.25	15.42
4640	49.44	34.59	11.87	14.27	17.65
5016	55.44	9.59	3.69	4.70	7.23
5018	55.44	11.59	4.46	5.45	8.06
5020	55.44	14.59	5.62	6.96	9.71
5026	55.44	20.59	7.93	9.23	12.19
5030	55.44	24.59	9.46	11.50	14.67
5036	55.44	30.59	11.77	13.77	17.15
5040	55.44	34.59	13.31	16.04	19.63

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" in height.

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

AWNING



Horizontal Mull Section - Pic / Awn

The technical drawings illustrate the 600 Series Jamb and Sill Assembly in two configurations: a standard height and a variable height. Both drawings show a cross-section of the assembly, including the jamb, sill, and various seals and fasteners.

Standard Configuration (Left):

- DAYLIGHT OPENING:** 2 9/16"
- JAMB / UNIT WIDTH:** 4 1/4"
- ROUGH OPENING WIDTH:** 6 1/4"
- Vertical Dimensions:**
 - Top section: 1 3/4"
 - Middle section: 3 1/8"
 - Bottom section: 3 1/16"

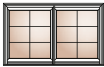
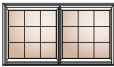
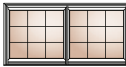
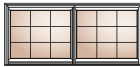
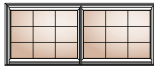
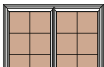
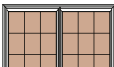
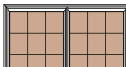
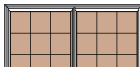
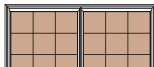
Variable Configuration (Right):

- DAYLIGHT OPENING:** 2 9/16"
- JAMB / UNIT WIDTH:** 4 1/4"
- ROUGH OPENING WIDTH:** 6 1/4"
- Vertical Dimensions:**
 - Top section: 2 1/8"
 - Middle section: VARIES
 - Bottom section: 4 9/16"
 - Bottom-most section: 1 1/16"

Technical drawing of a cross-section of a mechanical assembly, likely a valve or pump component. The drawing shows a central vertical shaft with a handle at the top. The shaft passes through a series of seals and a central body. The central body has a complex internal structure with multiple chambers and passages. The drawing is dimensioned in inches. Key dimensions include: a top width of $3\frac{5}{8}$ inches, a middle width of $2\frac{7}{16}$ inches, a central shaft diameter of $\frac{1}{16}$ inch, and a bottom width of $5\frac{3}{16}$ inches. The bottom width is also dimensioned as $\frac{1}{16}$ inch for the central opening.

CRESTLINE SELECT 500 VINYL CLAD WINDOWS & PATIO DOORS

Double Slider Window Elevations

Unit Dimension	2'-11 1/2"	3'-5 1/2"	3'-11 1/2"	4'-5 1/2"	4'-11 1/2"	5'-5 1/2"	5'-11 1/2"
Rough Opening	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"
Soft Metric R.O. (mm)	914	1067	1219	1372	1524	1676	1829
Glass Size	14 1/2"	17 1/2"	20 1/2"	23 1/2"	26 1/2"	29 1/2"	32 1/2"
2'-5 1/2"							
2'-11 1/2"							
3'-5 1/2"							
3'-11 1/2"							
4'-5 1/2"							
4'-11 1/2"							
5'-5 1/2"							
5'-11 1/2"							

SLIDER

Slider Window Opening Specifications

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				
3020	1.880	13.884	19.500	3.117	1.880	60.564	5.79
3026	2.459	13.884	25.500	4.242	2.459	54.564	7.27
3030	3.037	13.884	31.500	5.367	3.037	48.564	8.75
3036	3.616	13.884	37.500	6.492	3.616	42.564	10.23
3040	4.194	13.884	43.500	7.617	4.194	36.564	11.71
3046	4.773	13.884	49.500	8.742	4.773	30.564	13.19
3050	5.351	13.884	55.500	9.867	5.351	24.564	14.67
3056	5.930	13.884	61.500	10.992	5.930	42.564	16.15
3060	6.508	13.884	67.500	12.117	6.508	36.564	17.63
3620	2.286	16.884	19.500	3.810	2.286	60.564	6.77
3626	2.990	16.884	25.500	5.185	2.990	54.564	8.50
3630	3.693	16.884	31.500	6.560	3.693	48.564	10.23
3636	4.397	16.884	37.500	7.935	4.397	42.564	11.96
3640	5.100	16.884	43.500	9.310	5.100	36.564	13.69
3646	5.804	16.884	49.500	10.685	5.804	30.564	15.42
3650	6.507	16.884	55.500	12.060	6.507	24.564	17.15
3656	7.211	16.884	61.500	13.435	7.211	42.564	18.88
3660	7.914	16.884	67.500	14.810	7.914	36.564	20.61
4020	2.715	20.048	19.500	4.503	2.715	60.564	7.75
4026	3.550	20.048	25.500	6.128	3.550	54.564	9.73
4030	4.386	20.048	31.500	7.753	4.386	48.564	11.71
4036	5.221	20.048	37.500	9.378	5.221	42.564	13.69
4040*	6.056	20.048	43.500	11.003	6.056	36.564	15.67
4046*	6.892	20.048	49.500	12.628	6.892	30.564	17.65
4050*	7.727	20.048	55.500	14.253	7.727	24.564	19.63
4056*	8.562	20.048	61.500	15.878	8.562	42.564	21.61
4060*	9.398	20.048	67.500	17.503	9.398	36.564	23.59
4620	3.099	22.884	19.500	5.195	3.099	60.564	8.73
4626	4.052	22.884	25.500	7.070	4.052	54.564	10.96
4630	5.006	22.884	31.500	8.945	5.006	48.564	13.19
4636	5.959	22.884	37.500	10.820	5.959	42.564	15.42
4640	6.913	22.884	43.500	12.695	6.913	36.564	17.65
4646	7.866	22.884	49.500	14.570	7.866	30.564	19.88
4650	8.820	22.884	55.500	16.445	8.820	24.564	22.11
4656	9.773	22.884	61.500	18.320	9.773	42.564	24.34
4660	10.727	22.884	67.500	20.195	10.727	36.564	26.56

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.

Clear opening width calculations were taken at 6° to the frame. Check local codes for egress compliance.

Slider Window

Opening Specifications

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				
5020	3.505	25.884	19.500	5.888	3.505	60.564	9.71
5026	4.584	25.884	25.500	8.013	4.584	54.564	12.19
5030	5.662	25.884	31.500	10.138	5.662	48.564	14.67
5036	6.741	25.884	37.500	12.263	6.741	42.564	17.15
5040	7.819	25.884	43.500	14.388	7.819	36.564	19.63
5046	8.898	25.884	49.500	16.513	8.898	30.564	22.11
5050	9.976	25.884	55.500	18.638	9.976	24.564	24.59
5056	11.055	25.884	61.500	20.763	11.055	42.564	27.06
5060	12.133	25.884	67.500	22.888	12.133	36.564	29.54
5620	3.911	28.884	19.500	6.581	3.911	60.564	10.69
5626	5.115	28.884	25.500	8.956	5.115	54.564	13.42
5630	6.318	28.884	31.500	11.331	6.318	48.564	16.15
5636	7.522	28.884	37.500	13.706	7.522	42.564	18.88
5640	8.725	28.884	43.500	16.081	8.725	36.564	21.61
5646	9.929	28.884	49.500	18.456	9.929	30.564	24.34
5650	11.132	28.884	55.500	20.831	11.132	24.564	27.06
5656	12.336	28.884	61.500	23.206	12.336	42.564	29.79
5660	13.539	28.884	67.500	25.581	13.539	36.564	32.52
6020	4.318	31.884	19.500	7.273	4.318	60.564	11.67
6026	5.646	31.884	25.500	9.898	5.646	54.564	14.65
6030	6.975	31.884	31.500	12.523	6.975	48.564	17.63
6036	8.303	31.884	37.500	15.148	8.303	42.564	20.61
6040	9.632	31.884	43.500	17.773	9.632	36.564	23.59
6046	10.960	31.884	49.500	20.398	10.960	30.564	26.56
6050	12.289	31.884	55.500	23.023	12.289	24.564	29.54
6056	13.617	31.884	61.500	25.648	13.617	42.564	32.52
6060	14.946	31.884	67.500	28.273	14.946	36.564	35.50

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".

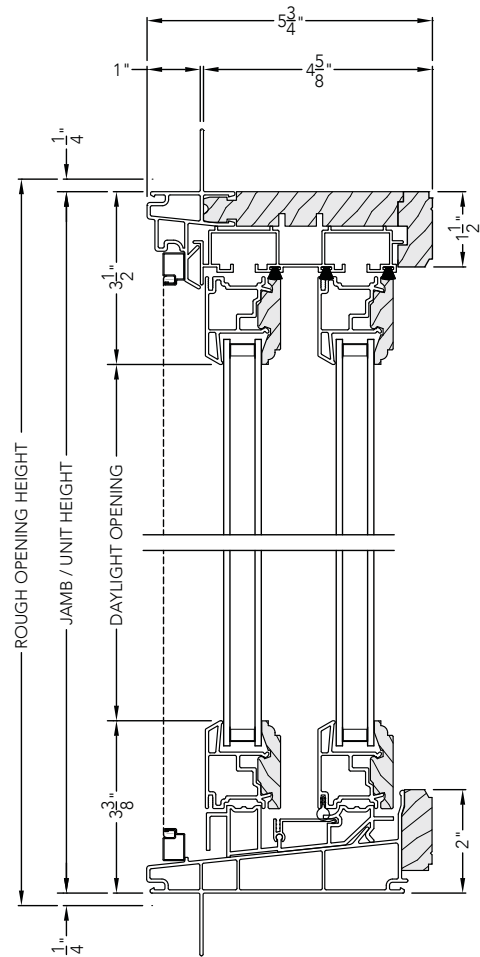
^a Floor to bottom of clear opening dimensions are based on 82" header height.

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

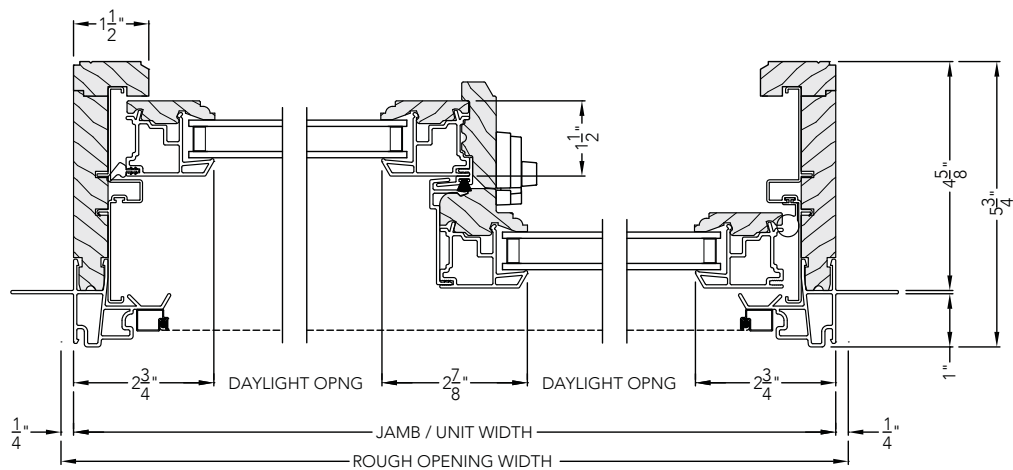
^b Sq. Ft. Overall Unit Area is calculated on the jamb dimension.

Clear opening width calculations were taken at 6° to the frame. Check local codes for egress compliance.

Slider Window Cross Sections



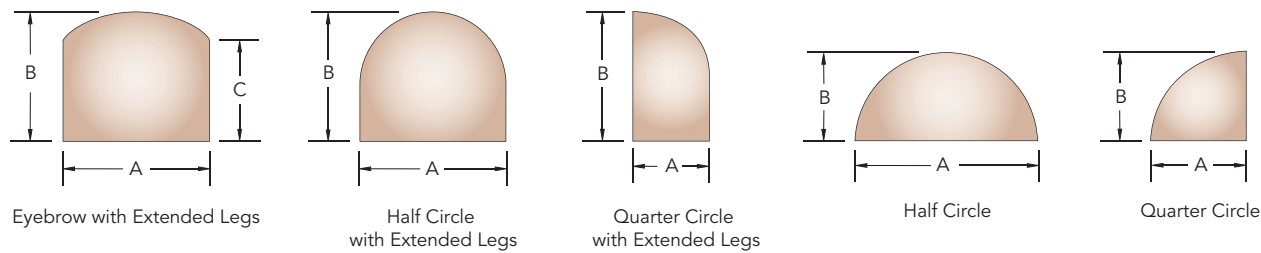
SELECT 500 SLIDER WINDOW
Vertical Section



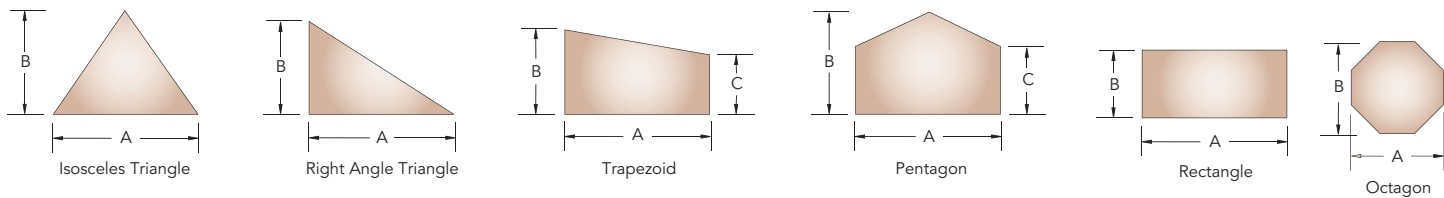
SELECT 500 SLIDER WINDOW
Horizontal Section - Single Glider

SLIDER

Special Shapes – Radius & Geometric Elevations



*Template is required when ordering replacement glass and interior trim for custom sizes.

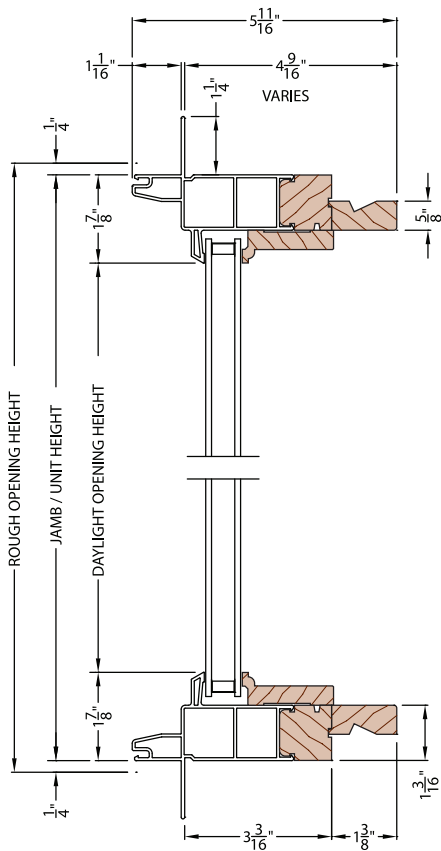


A - Rough Opening Width
B - Rough Opening Height
C - Rough Opening Leg

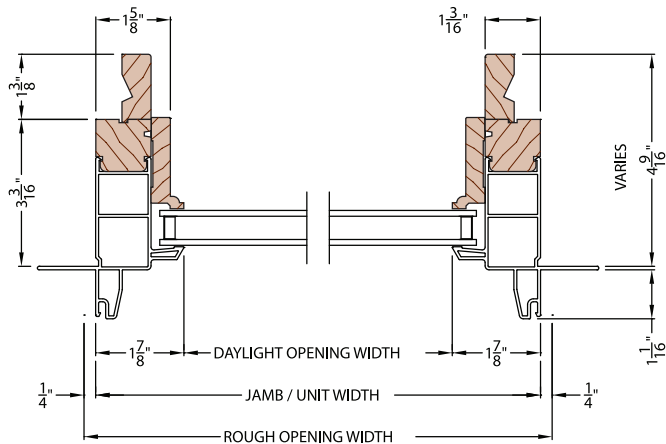
For availability of specialty shapes not shown,
contact customer service.

Special Shape Window

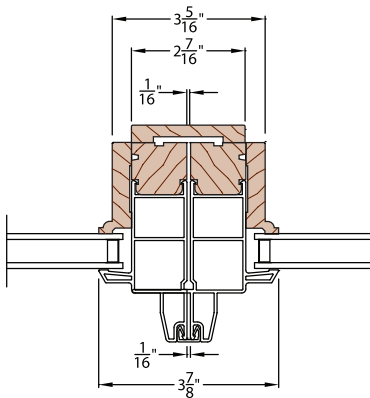
Cross Sections



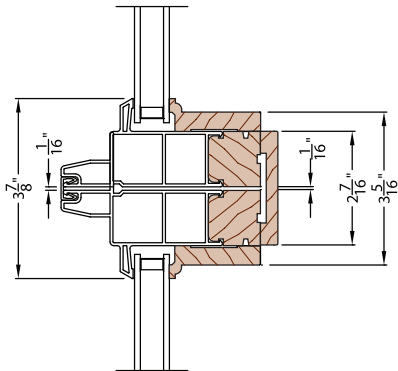
SELECT 500 SPECIAL SHAPE DIRECT-SET
Vertical Section



SELECT 500 SPECIAL SHAPE DIRECT-SET
Horizontal Section



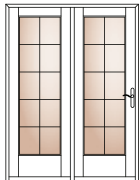
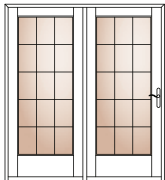
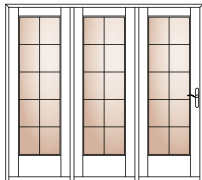
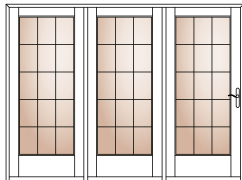
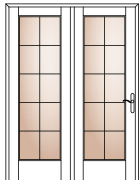
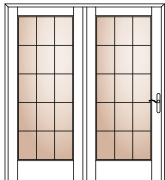
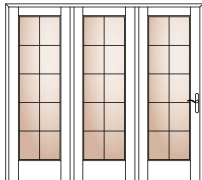
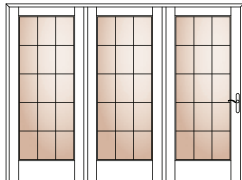
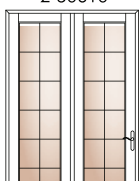
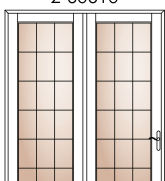
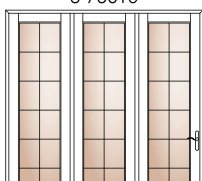
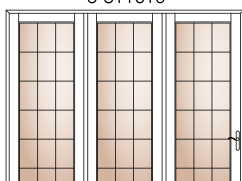
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Vertical Mull Section



SELECT 500 DIRECT-SET WINDOW
Horizontal Mull Section

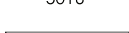
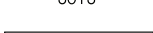
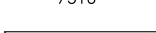
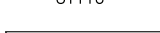
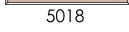
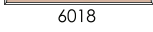
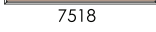
Note: All dimensions are approximate. Weather Shield reserves the right to change specifications without notice.

Center Hinged Patio Door Elevations

Unit Dimension	4'-11 1/4"	5'-11 1/4"	7'-4 3/16"	8'-10 3/16"
Rough Opening	5'-0"	6'-0"	7'-4 15/16"	8'-10 15/16"
Soft Metric R.O. (mm)	1524	1829	2259	2716
Glass Size	19 1/16"	25 1/16"	19 1/16"	25 1/16"
6'-7 1/2"	 2-5068	 2-6068	 3-7568	 3-81168
6'-8"				
2032				
6'-10"	 2-50610	 2-60610	 3-75610	 3-811610
6'-10 1/2"				
2032				
8'-0"	 2-5080	 2-6080	 3-7580	 3-81180
8'-0 1/2"				
2451				
81 5/16"				

NOTE: Doors are available in-swing only.

Center Hinged Patio Door Transom Elevations

Unit Dimension	4'-11 1/4"	5'-11 1/4"	7'-4-3/16"	8'-10-3/16"
Rough Opening	5'-0"	6'-0"	7'-4-15/16"	8'-10-15/16"
Soft Metric R.O. (mm)	1524	1829	2240	2716
Glass Size	56 9/16"	68 9/16"	7'-1-1/2"	8'-7-1/2"
1'-0"	 5010	 6010	 7510	 81110
1'-4"	 5014	 6014	 7514	 81114
1'-6"	 5016	 6016	 7516	 81116
1'-8"	 5018	 6018	 7518	 81118
2'-0"	 5020	 6020	 7520	 81120
2'-4"	 5024	 6024	 7524	 81124

Center Hinged French Door Opening Specifications

Ordering Size	Sq. Ft. Clear Opening		Clear Opening ^B inches				Sq. Ft. Daylight Opening			Sq. Ft. Vent		Sq. Ft. Overall Unit Area ^D	
	Hinge Code R/S S/L R/S/S S/S/L		Hinge Code S/R/S S/L/S		Height ^C	Insul Glass w/Flush Glazing Bead			Hinge Code R/S S/L R/S/S S/S/L		Hinge Code S/R/S S/L/S		
						with 7-1/2" Bottom Rail	with 10" Bottom Rail	with 12" Bottom Rail					
5-0 x 6-8	13.55		—		25.63	—	76.13	16.10	15.46	14.96	13.55	—	32.72
6-0 x 6-8	16.72		—		31.63	—	76.13	21.40	20.58	19.90	16.72	—	39.35
7-5 x 6-8	13.55		13.41		25.63	25.38	76.13	24.15	23.19	22.44	13.55	13.41	48.71
8-11 x 6-8	16.72		16.59		31.63	31.38	76.13	32.10	30.87	22.85	16.72	16.59	58.65
5-0 x 6-10	13.99		—		25.63	—	78.63	16.72	16.10	15.58	13.99	—	33.75
6-0 x 6-10	17.27		—		31.63	—	78.63	22.24	21.40	20.74	17.27	—	40.59
7-5 x 6-10	13.99		13.85		25.63	25.38	78.63	25.08	24.15	23.37	13.99	13.85	50.24
8-11 x 6-10	17.27		17.13		31.63	31.38	78.63	33.36	32.10	31.11	17.27	17.13	60.49
5-0 x 8-0	16.48		—		25.63	—	92.63	20.26	19.62	19.12	16.48	—	39.51
6-0 x 8-0	20.34		—		31.63	—	92.63	26.94	26.10	25.44	20.34	—	47.52
7-5 x 8-0	16.48		16.32		25.63	25.38	92.63	30.39	29.43	28.68	16.48	16.32	58.81
8-11 x 8-0	20.34		20.18		31.63	31.38	92.63	40.41	39.15	38.16	20.34	20.18	70.81

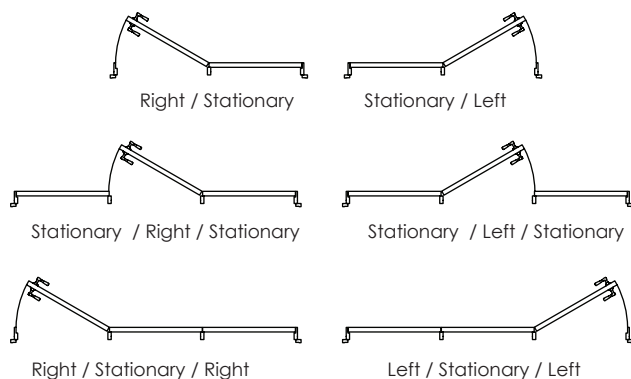
^AAll calculations assume operating panel is open 90 degrees.

^BClear Opening Width and Height dimensions are rounded down to 1/16" [2mm].

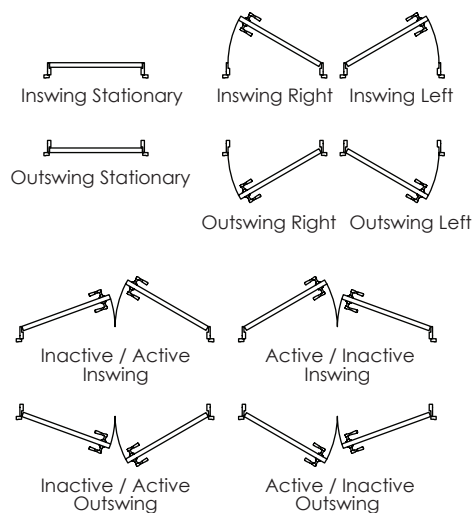
^CClear Opening Height dimensions calculated without screen.

^DSq. Ft. [cm²] Overall Unit Area is calculated on the jamb dimension.

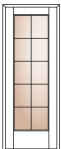
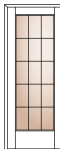
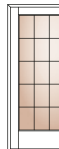
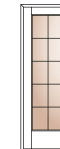
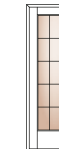
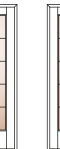
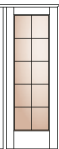
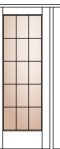
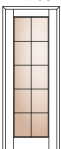
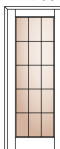
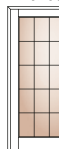
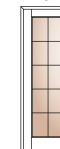
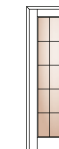
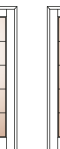
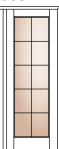
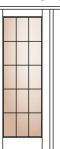
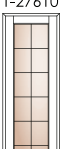
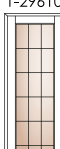
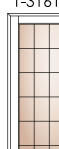
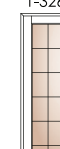
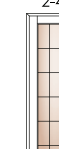
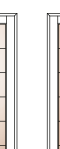
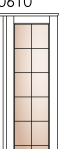
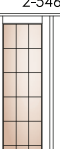
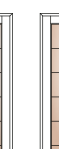
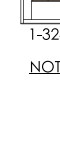
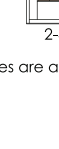
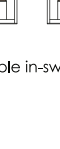
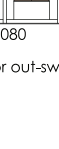
Center Hinged Patio Doors (Hinge Codes)



Side Hinged Patio Doors (Hinge Codes)



Side Hinged Patio Door Elevations

Unit Dimension		2'-6 5/16"	2'-8 5/16"	3'-0 5/16"	3'-1 9/16"	3'-11 1/4"	4'-11 1/4"	5'-3 1/4"	5'-11 1/4"	6'-1 11/16"
Rough Opening		2'-7 1/16"	2'-9 1/16"	3'-1 1/16"	3'-2 5/16"	4'-0"	5'-0"	5'-4"	6'-0"	6'-2 7/16"
Soft Metric R.O. (mm)		789	840	941	973	1219	1524	1626	1829	1891
Glass Size		19 1/16"	21 1/16"	25 1/16"	25 5/16"	13 1/16"	19 1/16"	21 1/16"	25 1/16"	26 9/32"
6'-7 1/2" 6'-8" 2032 64 13/16" 6'-10" 6'-10 1/2" 2032 67 5/16" 8'-0" 8'-0 1/2" 2451 81 5/16"	1'-0"									
	1'-4"									
	1'-8"									
		1-2768	1-2968	1-3168	1-3268	2-4068	2-5068	2-5468	2-6068	2-6268
										
		1-27610	1-29610	1-31610	1-32610	2-40610	2-50610	2-54610	2-60610	2-62610
										
		1-2780	1-2980	1-3180	1-3280	2-4080	2-5080	2-5480	2-6080	2-6280

NOTE: Sizes are available in-swing or out-swing.

Side Hinged Patio Door Transom Elevations

Unit Dimension		2'-6 5/16"	2'-8 5/16"	3'-0 5/16"	3'-1 9/16"	3'-11 1/4"	4'-11 1/4"	5'-3 1/4"	5'-11 1/4"	6'-1 11/16"
Rough Opening		2'-7 1/16"	2'-9 1/16"	3'-1 1/16"	3'-2 5/16"	4'-0"	5'-0"	5'-4"	6'-0"	6'-2 7/16"
Soft Metric R.O. (mm)		789	840	941	973	1219	1524	1626	1829	1891
Glass Size		27 5/8"	29 5/8"	33 5/8"	34 7/8"	3'-8-9/16"	56 9/16"	60 9/16"	68 9/16"	71"
1'-0" 1'-4" 1'-6" 1'-8" 2'-0" 2'-4" 724 2'-1-5/16"	1'-0"									
	1'-4"									
	1'-6"									
	1'-8"									
	2'-0"									
	2'-4"									
		2710	2910	3110	3210	4010	5010	5410	6010	6210
										
		2714	2914	3114	3214	4014	5014	5414	6014	6214
										
		2716	2916	3116	3216	4016	5016	5416	6016	6216
										
		2718	2918	3118	3218	4018	5018	5418	6018	6218
										
		2720	2920	3120	3220	4020	5020	5420	6020	6220
										
		2724	2924	3124	3224	4024	5024	5424	6024	6224

Inswing French Door

Opening Specifications — Standard Sill

Ordering Size	Sq. Ft. Clear Opening		Clear Opening ^B inches			Sq. Ft. Daylight Opening			Sq. Ft. Vent		Sq. Ft. Overall Unit Area ^C
	1 Oper. Panel	2 Oper. Panels	Width		Height	Insul Glass w/Flush Glazing Bead			1 Oper. Panel	2 Oper. Panels	
			1 Oper. Panel	2 Oper. Panels		with 7-1/2" Bottom Rail	with 10" Bottom Rail	with 12" Bottom Rail			
2-7 x 6-8	13.55	—	25.75	—	76.44	8.05	7.73	7.48	13.55	—	16.74
2-9 x 6-8	14.60	—	27.75	—	76.44	8.93	8.58	8.30	14.60	—	17.85
3-1 x 6-8	16.72	—	31.75	—	76.44	10.70	10.29	9.95	16.72	—	20.06
3-2 x 6-8	17.38	—	32.88	—	76.44	11.24	10.80	10.45	17.38	—	20.75
4-0 x 6-8	10.28	21.51	19.44	40.63	76.44	10.78	10.36	10.02	10.28	21.51	26.10
5-0 x 6-8	13.45	27.85	25.44	52.63	76.44	16.10	15.46	14.96	13.45	27.85	32.72
5-4 x 6-8	14.50	29.97	27.44	56.63	76.44	17.86	17.16	16.60	14.50	29.97	34.93
6-0 x 6-8	16.62	34.20	31.44	64.63	76.44	21.40	20.58	19.90	16.62	34.20	39.35
6-2 x 6-8	17.25	35.49	32.69	67.06	76.44	22.48	21.60	20.90	17.25	35.49	40.70
2-7 x 6-10	13.99	—	25.75	—	78.94	8.36	8.05	7.79	13.99	—	17.27
2-9 x 6-10	15.08	—	27.75	—	78.94	9.28	8.93	8.65	15.08	—	18.41
3-1 x 6-10	17.27	—	31.75	—	78.94	11.12	10.70	10.37	17.27	—	20.69
3-2 x 6-10	17.95	—	33	—	78.94	11.69	11.24	10.89	17.95	—	21.40
4-0 x 6-10	10.61	22.22	19.44	40.63	78.94	11.20	10.78	10.44	10.61	22.22	26.92
5-0 x 6-10	13.89	28.77	25.44	52.63	78.94	16.72	16.10	15.58	13.89	28.77	33.75
5-4 x 6-10	14.98	30.95	27.44	56.63	78.94	18.56	17.86	17.30	14.98	30.95	36.03
6-0 x 6-10	17.17	35.32	31.44	64.63	78.94	22.24	21.40	20.74	17.17	35.32	40.59
6-2 x 6-10	17.81	36.65	32.69	67.06	78.94	23.38	22.48	21.78	17.81	36.65	41.98
2-7 x 8-0	16.48	—	25.75	—	92.94	10.13	9.81	9.56	16.48	—	20.21
2-9 x 8-0	17.77	—	27.75	—	92.94	11.24	10.89	10.61	17.77	—	21.55
3-1 x 8-0	20.34	—	31.75	—	92.94	13.47	13.05	12.72	20.34	—	24.22
3-2 x 8-0	21.15	—	33	—	92.94	14.15	13.71	13.36	21.15	—	25.05
4-0 x 8-0	12.50	26.17	19.44	40.63	92.94	13.56	13.14	12.80	12.50	26.17	31.51
5-0 x 8-0	16.36	33.89	25.44	52.63	92.94	20.26	19.62	19.12	16.36	33.89	39.51
5-4 x 8-0	17.65	36.46	27.44	56.63	92.94	22.48	21.78	21.22	17.65	36.46	42.18
6-0 x 8-0	20.22	41.61	31.44	64.63	92.94	26.94	26.10	25.44	20.22	41.61	47.52
6-2 x 8-0	20.99	43.18	32.69	67.06	92.94	28.30	27.42	26.72	20.99	43.18	49.14

^AAll calculations assume operating panel is open 90 degrees.

^BClear Opening Width and Height dimensions are rounded down to 1/16".

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

Outswing French Door Opening Specifications — Standard 2-13/16 Sill

Ordering Size	Sq. Ft. Clear Opening		Clear Opening ^B inches			Sq. Ft. Daylight Opening			Sq. Ft. Vent		Sq. Ft. Overall Unit Area ^C		
	1 Oper. Panel	2 Oper. Panels	Width		Height	Insul Glass w/Flush Glazing Bead			1 Oper. Panel	2 Oper. Panels			
			1 Oper. Panel	2 Oper. Panels		with 7-1/2"						with 10"	with 12"
						Bottom Rail	Bottom Rail	Bottom Rail				Bottom Rail	Bottom Rail
2-7 x 6-8	13.49	—	25.75	—	75.44	8.05	7.73	7.48	13.49	—	16.74		
2-9 x 6-8	14.54	—	27.75	—	75.44	8.93	8.58	8.30	14.54	—	17.85		
3-1 x 6-8	16.63	—	31.75	—	75.44	10.70	10.29	9.95	16.63	—	20.06		
3-2 x 6-8	17.29	—	33	—	75.44	11.24	10.80	10.45	17.29	—	20.75		
4-0 x 6-8	10.18	21.28	19.44	40.63	75.44	10.78	10.36	10.02	10.18	21.28	26.10		
5-0 x 6-8	13.33	27.57	25.44	52.63	75.44	16.10	15.46	14.96	13.33	27.57	32.72		
5-4 x 6-8	14.37	29.66	27.44	56.63	75.44	17.86	17.16	16.60	14.37	29.66	34.93		
6-0 x 6-8	16.47	33.86	31.44	64.63	75.44	21.40	20.58	19.90	16.47	33.86	39.35		
6-2 x 6-8	17.12	35.13	32.69	67.06	75.44	22.48	21.60	20.90	17.12	35.13	40.70		
2-7 x 6-10	13.94	—	25.75	—	77.94	8.36	8.05	7.79	13.94	—	17.27		
2-9 x 6-10	15.02	—	27.75	—	77.94	9.28	8.93	8.65	15.02	—	18.41		
3-1 x 6-10	17.18	—	31.75	—	77.94	11.12	10.70	10.37	17.18	—	20.69		
3-2 x 6-10	17.86	—	33	—	77.94	11.69	11.24	10.89	17.86	—	21.40		
4-0 x 6-10	10.52	21.99	19.44	40.44	77.94	11.20	10.78	10.44	10.52	21.99	26.92		
5-0 x 6-10	13.77	28.48	25.44	52.44	77.94	16.72	16.10	15.58	13.77	28.48	33.75		
5-4 x 6-10	14.85	30.65	27.44	56.44	77.94	18.56	17.86	17.30	14.85	30.65	36.03		
6-0 x 6-10	17.02	34.98	31.44	64.44	77.94	22.24	21.40	20.74	17.02	34.98	40.59		
6-2 x 6-10	17.69	36.30	32.69	67.69	77.94	23.38	22.48	21.78	17.69	36.30	41.98		
2-7 x 8-0	16.44	—	25.75	—	91.94	10.13	9.81	9.56	16.44	—	20.21		
2-9 x 8-0	17.72	—	27.75	—	91.94	11.24	10.89	10.61	17.72	—	21.55		
3-1 x 8-0	20.27	—	31.75	—	91.94	13.47	13.05	12.72	20.27	—	24.22		
3-2 x 8-0	21.07	—	33	—	91.94	14.15	13.71	13.36	21.07	—	25.05		
4-0 x 8-0	12.41	25.94	19.44	40.44	91.94	13.56	13.14	12.80	12.41	25.94	31.51		
5-0 x 8-0	16.24	33.60	25.44	52.44	91.94	20.26	19.62	19.12	16.24	33.60	39.51		
5-4 x 8-0	17.52	36.15	27.44	56.44	91.94	22.48	21.78	21.22	17.52	36.15	42.18		
6-0 x 8-0	20.07	41.26	31.44	64.44	91.94	26.94	26.10	25.44	20.07	41.26	47.52		
6-2 x 8-0	20.87	42.82	32.69	67.06	91.94	28.30	27.42	26.72	20.87	42.82	49.14		

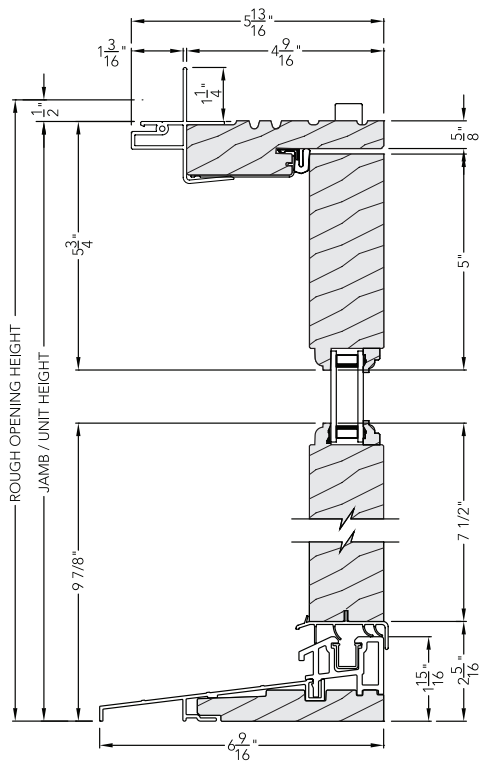
^AAll calculations assume operating panel is open 90 degrees.

^BClear Opening Width and Height dimensions are rounded down to 1/16".

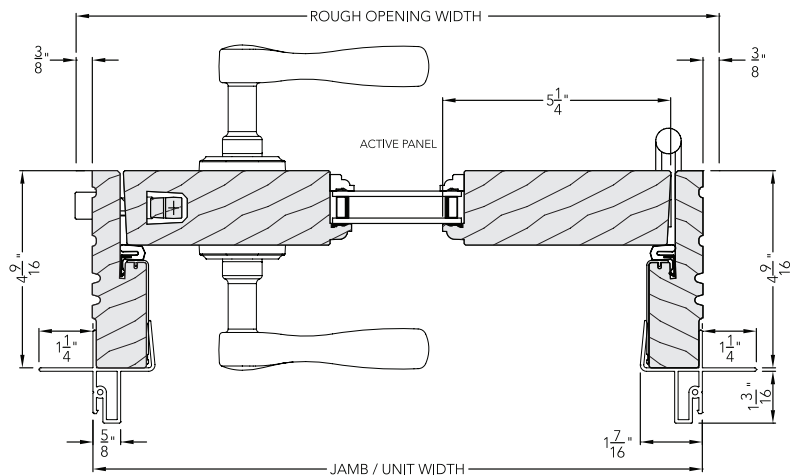
^CSq. Ft. Overall Unit Area is calculated on the jamb dimension.

Hinged Patio Door

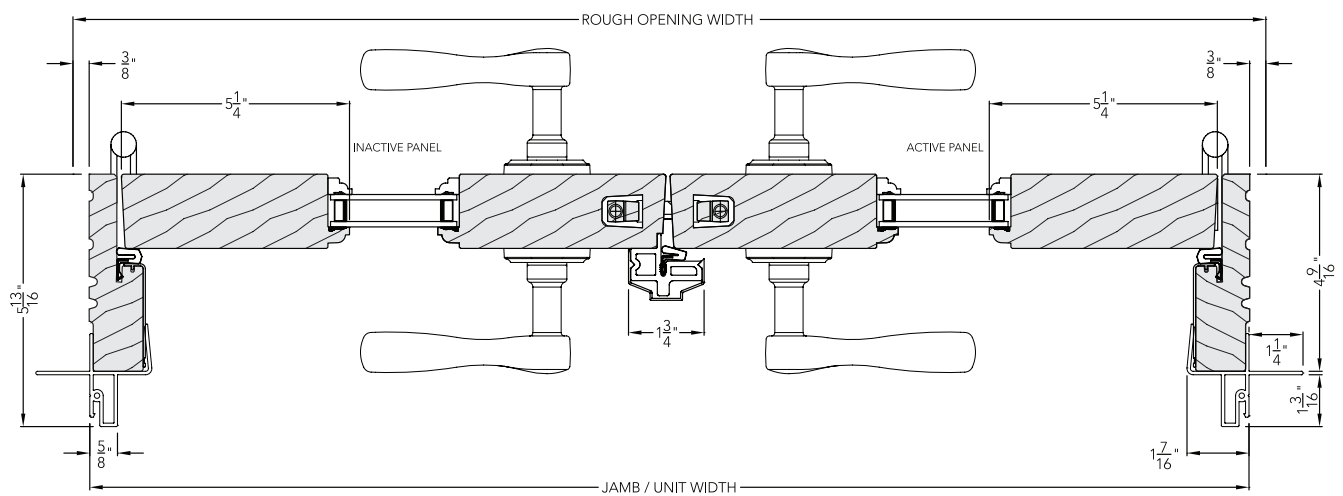
Cross Sections



SELECT 500 IN-SWING DOOR
Vertical Section



SELECT 500 IN-SWING DOOR
Horizontal Section - Single Door

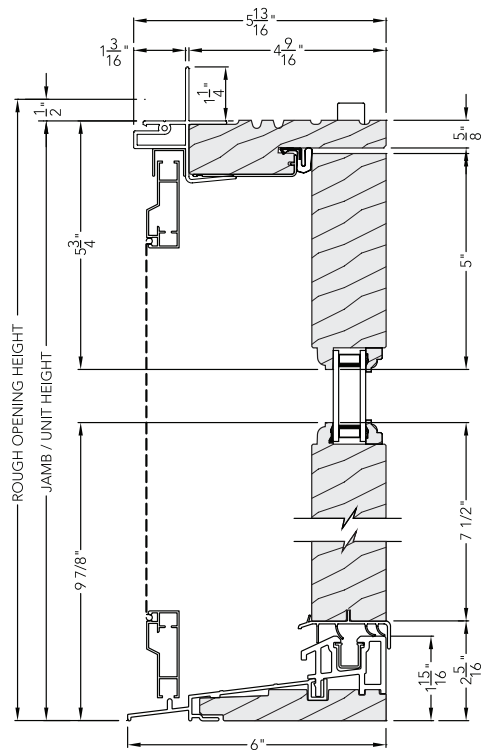


SELECT 500 IN-SWING DOOR
Horizontal Section - Double Door

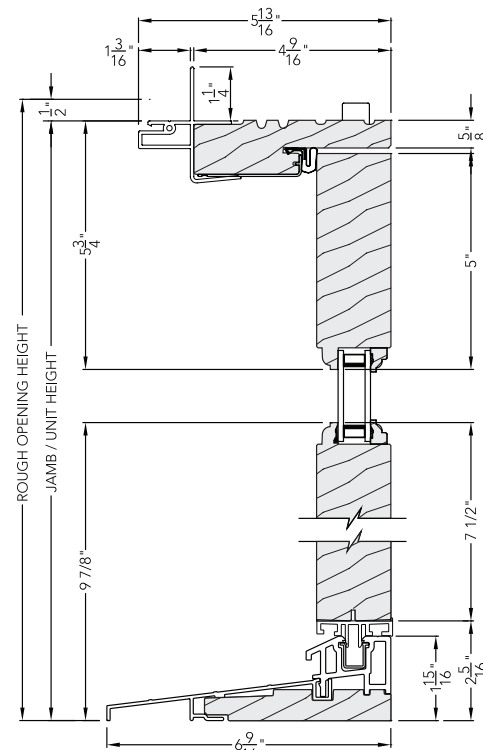
Note: All dimensions are approximate. Crestline reserves the right to change specifications without notice.

Hinged Patio Door

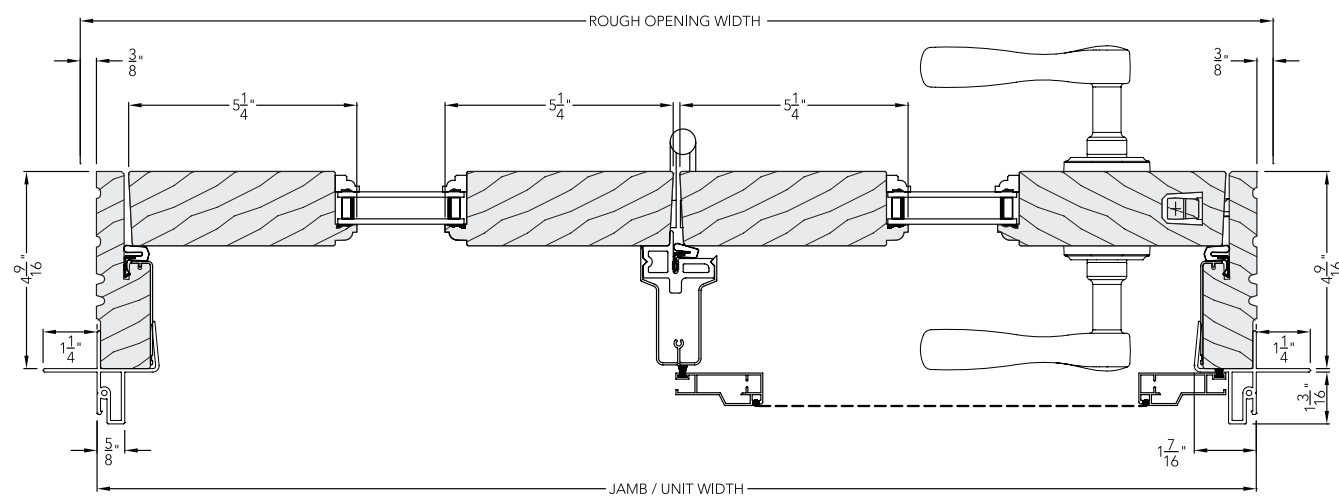
Cross Sections



SELECT 500 CENTER HINGE DOOR
Vertical Section



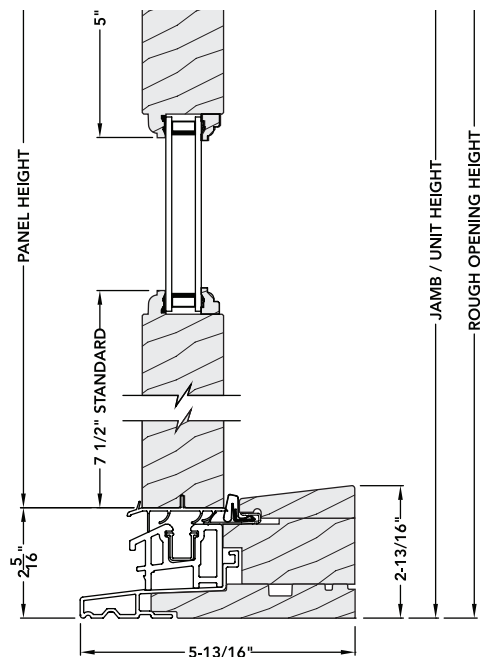
SELECT 500 IN-SWING SIDELITE
Vertical Section



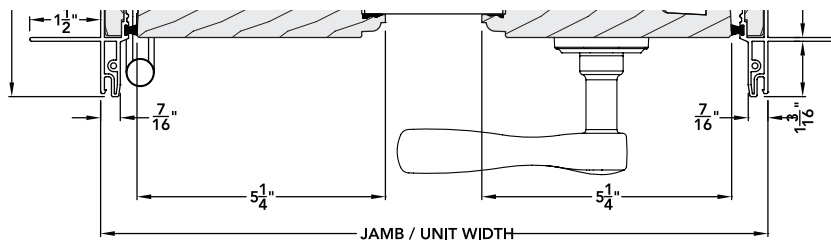
SELECT 500 CENTER HINGED DOOR
Horizontal Section

Note: All dimensions are approximate. Crestline reserves the right to change specifications without notice.

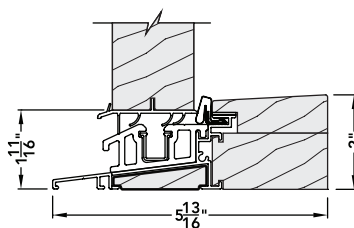
Hinged Patio Door Cross Sections



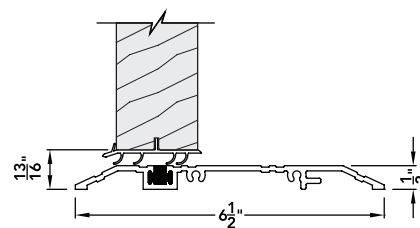
SELECT 500 OUT-SWING DOOR
Vertical Section - Standard Sill



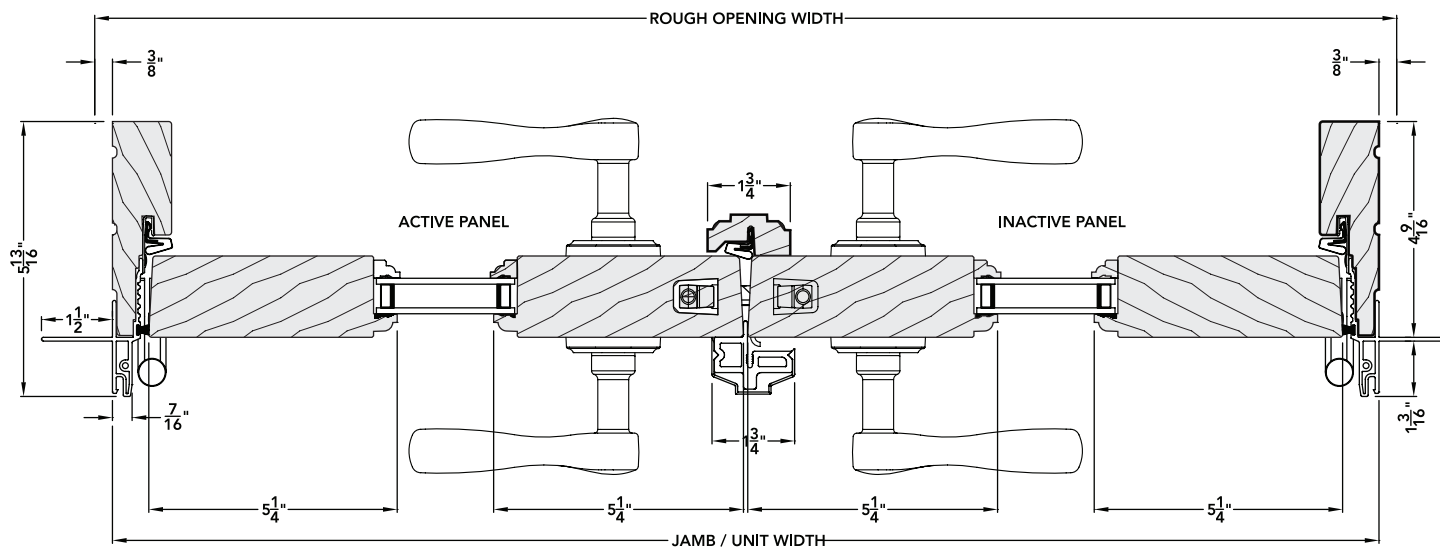
SELECT 500 OUT-SWING DOOR
Horizontal Section - Single Door



SELECT 500 OUT-SWING DOOR
Vertical Section - Alternate 2" Sill
Deduct 5/8" from Door Height



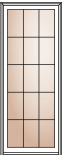
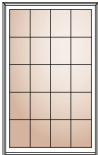
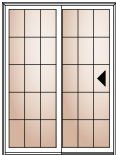
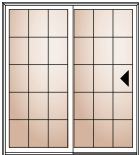
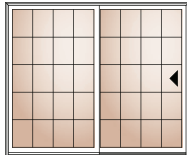
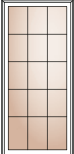
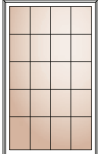
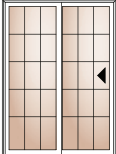
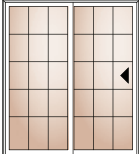
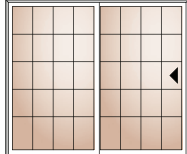
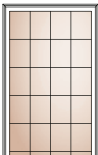
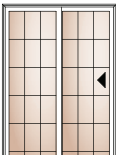
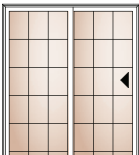
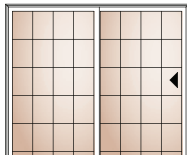
SELECT 500 OUT-SWING DOOR
Vertical Section - ADA Sill
Deduct 1-1/2" from Door Height



SELECT 500 FRENCH OUT-SWING DOOR
Horizontal Section - Double Door

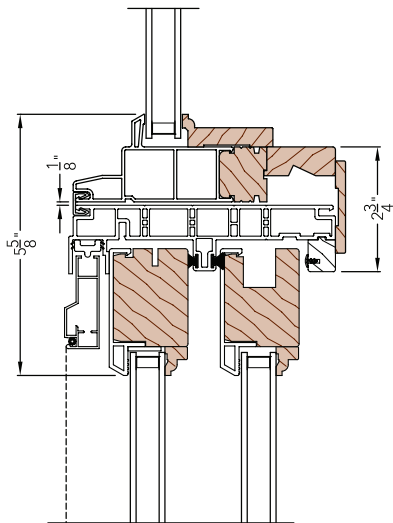
Note: All dimensions are approximate. Weather Shield reserves the right to change specifications without notice.

Sliding Patio Door Elevations

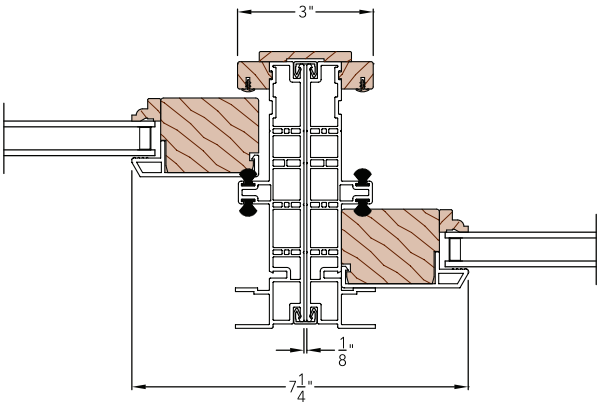
Unit Dimension	2'-7 5/8"	3'-1 5/8"	4'-1 5/8"	4'-11 1/2"	5'-11 1/2"	7'-11 1/2"
Rough Opening	2'-8 1/8"	3'-2 1/8"	4'-2 1/8"	5'-0"	6'-0"	8'-0"
Soft Metric R.O. (mm)	816	968	1273	1524	1829	2438
Glass Size	25 1/2"	31 1/2"	43 1/2"	25 1/2"	31 1/2"	43 1/2"
6'-7 3/4"						
6'-8 1/4"						
2038						
72 3/4"	2868	3268	4268	5068	6068	8068
6'-10 5/8"						
6'-11 1/8"						
2124						
75 5/8"	28611	32611	42611	50611	60611	80611
7'-11 3/4"						
8'-0 1/4"						
2438						
88 3/4"	2880	3280	4280	5080	6080	8080

NOTE: Two panel units are also available in reverse operation (IA)

Sliding Patio Door Cross Sections



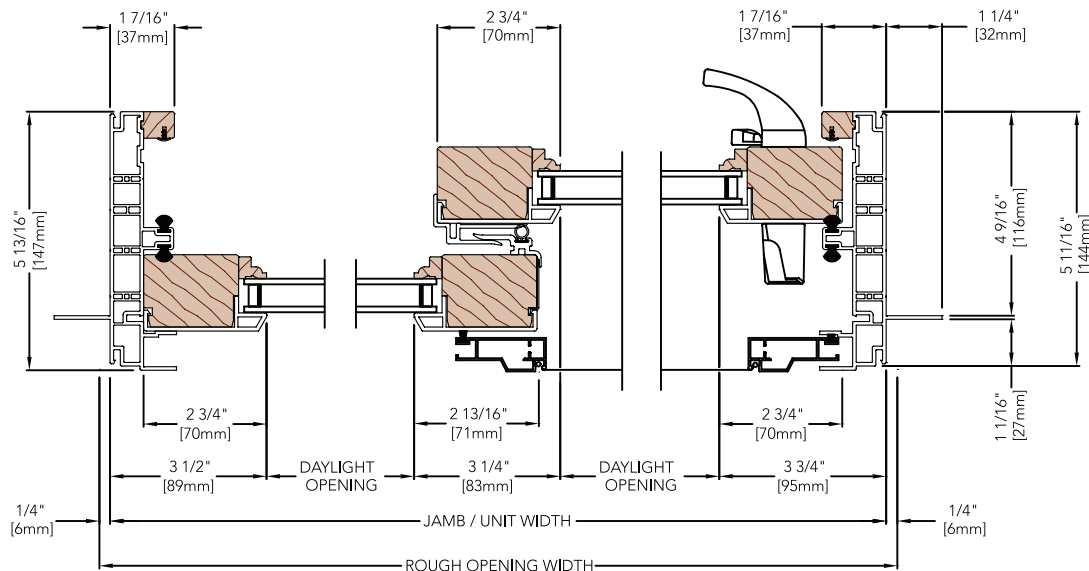
SELECT 500 SLIDING PATIO DOOR
Vertical Transom Stack Section



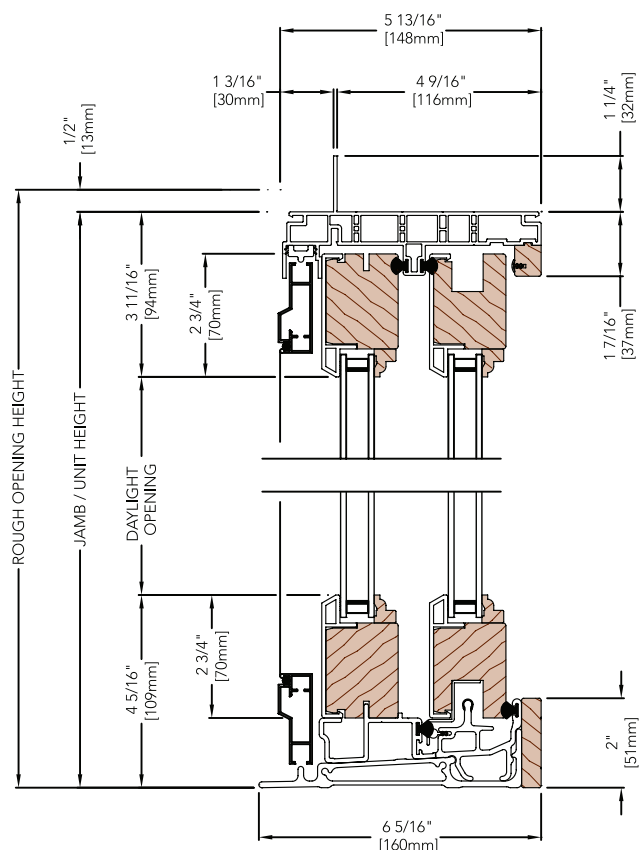
SELECT 500 SLIDING PATIO DOOR
Vertical Mull Section - Operating / Fixed

Sliding Patio Door

Cross Sections



SELECT 500 SLIDING PATIO DOOR
Horizontal Section (OX Operatin Code)



SELECT 500 SLIDING PATIO DOOR
Vertical Section

Sliding Patio Door Opening Specifications

Call Size	Sq. Ft. Clear Opening	Clear Opening		Sq. Ft. Daylight Opening	Sq. Ft. Vent	Sq. Ft. Overall Unit Area ^a
		Width	Height			
5068	11.634	21.967	76.264	24.415	11.634	32.95
50611	12.149	21.967	79.639	25.393	12.149	34.35
5080	13.998	21.967	91.764	29.859	13.998	39.36
6068	14.812	27.967	76.264	30.394	14.812	41.27
60611	15.467	27.967	79.639	31.612	15.467	47.29
6080	17.822	27.967	91.764	37.172	17.822	47.29
8068	21.167	39.967	76.264	42.352	21.167	52.89
80611	22.104	39.967	79.639	44.049	22.104	55.13
8080	25.469	39.967	91.764	51.797	25.469	63.17

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

Sliding Patio Door Fixed Studio Opening Specifications

Call Size	Sq. Ft. Clear Opening	Clear Opening		Sq. Ft. Daylight Opening	Sq. Ft. Vent	Sq. Ft. Overall Unit Area ^a
		Width	Height			
2668	N/A	N/A	N/A	24.415	N/A	17.51
26611	N/A	N/A	N/A	25.393	N/A	18.26
2680	N/A	N/A	N/A	29.859	N/A	20.92
3068	N/A	N/A	N/A	30.394	N/A	20.84
30611	N/A	N/A	N/A	31.612	N/A	21.72
3080	N/A	N/A	N/A	37.172	N/A	24.89
4068	N/A	N/A	N/A	42.352	N/A	27.48
40611	N/A	N/A	N/A	44.049	N/A	28.65
4080	N/A	N/A	N/A	51.797	N/A	32.82

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

CRESTLINE®

SELECT 500 WOOD WINDOWS & PATIO DOORS



VINYL CLAD WINDOWS & PATIO DOORS



Crestline reserves the right to change product materials, specifications and methods of manufacture without prior notice. Please verify unit dimensions and/or rough openings with your local **MENARDS** store.