

Premium Series™

Opening Specifications

Inswing French Door (8511) - Standard Sill - 2-1/4" Panel

WEATHER SHIELD.

WINDOWS & DOORS

Ordering Size	Sq. Ft. Clear Opening		Clear Opening ^a				Sq. Ft. Daylight Opening		Sq. Ft. Vent		Sq. Ft. Overall Unit Area ^b
	1 Oper. Panel	2 Oper. Panels	Width		Height	10" Bottom Rail	12" Bottom Rail	1 Oper. Panel	2 Oper. Panels		
			1 Oper. Panel	2 Oper. Panels							
2-1 x 6-8	10.13	---	19.16	---	76.18	5.24	5.07	10.13	---	13.43	
2-7 x 6-8	13.31	---	25.16	---	76.18	7.80	7.55	13.31	---	16.74	
2-9 x 6-8	14.37	---	27.16	---	76.18	8.65	8.37	14.37	---	17.85	
3-1 x 6-8	16.48	---	31.16	---	76.18	10.36	10.02	16.48	---	20.06	
3-2 x 6-8	17.14	---	32.41	---	76.18	10.89	10.54	17.14	---	20.75	
4-0 x 6-8	22.27	20.38	42.09	38.53	76.18	10.48	10.14	22.27	20.38	26.10	
5-0 x 6-8	28.62	26.73	54.09	50.53	76.18	15.60	15.10	28.62	26.73	32.72	
5-4 x 6-8	30.73	28.85	58.09	54.53	76.18	17.30	16.74	30.73	28.85	34.93	
6-0 x 6-8	34.97	33.08	66.09	62.53	76.18	20.72	20.04	34.97	33.08	39.35	
6-2 x 6-8	36.26	34.37	68.53	64.96	76.18	21.78	21.08	36.26	34.37	40.70	
2-1 x 6-10	10.47	---	19.16	---	78.68	5.45	5.28	10.47	---	13.85	
2-7 x 6-10	13.75	---	25.16	---	78.68	8.12	7.86	13.75	---	17.27	
2-9 x 6-10	14.84	---	27.16	---	78.68	9.00	8.72	14.84	---	18.41	
3-1 x 6-10	17.02	---	31.16	---	78.68	10.78	10.44	17.02	---	20.69	
3-2 x 6-10	17.71	---	32.41	---	78.68	11.34	10.98	17.71	---	21.40	
4-0 x 6-10	23.00	21.05	42.09	38.53	78.68	10.90	10.56	23.00	21.05	26.92	
5-0 x 6-10	29.56	27.61	54.09	50.53	78.68	16.24	15.72	29.56	27.61	33.75	
5-4 x 6-10	31.74	29.79	58.09	54.53	78.68	18.00	17.44	31.74	29.79	36.03	
6-0 x 6-10	36.11	34.16	66.09	62.53	78.68	21.56	20.88	36.11	34.16	40.59	
6-2 x 6-10	37.45	35.50	68.53	64.96	78.68	22.68	21.96	37.45	35.50	41.98	
2-1 x 7-2	11.00	---	19.16	---	82.68	5.79	5.62	11.00	---	14.53	
2-7 x 7-2	14.44	---	25.16	---	82.68	8.62	8.37	14.44	---	18.11	
2-9 x 7-2	15.59	---	27.16	---	82.68	9.57	9.29	15.59	---	19.30	
3-1 x 7-2	17.89	---	31.16	---	82.68	11.46	11.12	17.89	---	21.69	
3-2 x 7-2	18.61	---	32.41	---	82.68	12.05	11.69	18.61	---	22.44	
4-0 x 7-2	24.17	22.12	42.09	38.53	82.68	11.58	11.24	24.17	22.12	28.23	
5-0 x 7-2	31.06	29.01	54.09	50.53	82.68	17.24	16.74	31.06	29.01	35.40	
5-4 x 7-2	33.36	31.31	58.09	54.53	82.68	19.14	18.58	33.36	31.31	37.79	
6-0 x 7-2	37.95	35.90	66.09	62.53	82.68	22.92	22.24	37.95	35.90	42.57	
6-2 x 7-2	39.35	37.30	68.53	64.96	82.68	24.10	23.38	39.35	37.30	44.02	
2-1 x 8-0	12.33	---	19.16	---	92.68	6.65	6.48	12.33	---	16.21	
2-7 x 8-0	16.19	---	25.16	---	92.68	9.89	9.64	16.19	---	20.21	
2-9 x 8-0	17.48	---	27.16	---	92.68	10.98	10.70	17.48	---	21.55	
3-1 x 8-0	20.05	---	31.16	---	92.68	13.14	12.80	20.05	---	24.22	
3-2 x 8-0	20.86	---	32.41	---	92.68	13.82	13.46	20.86	---	25.05	
4-0 x 8-0	27.09	24.80	42.09	38.53	92.68	13.30	12.96	27.09	24.80	31.51	
5-0 x 8-0	34.82	32.52	54.09	50.53	92.68	19.78	19.28	34.82	32.52	39.51	
5-4 x 8-0	37.39	35.09	58.09	54.53	92.68	21.96	21.40	37.39	35.09	42.18	
6-0 x 8-0	42.54	40.24	66.09	62.53	92.68	26.28	25.60	42.54	40.24	47.52	
6-2 x 8-0	44.11	41.81	68.53	64.96	92.68	27.64	26.92	44.11	41.81	49.14	
2-1 x 8-2	12.60	---	19.16	---	94.68	6.82	6.65	12.60	---	16.55	
2-7 x 8-2	16.54	---	25.16	---	94.68	10.15	9.89	16.54	---	20.64	
2-9 x 8-2	17.86	---	27.16	---	94.68	11.26	10.98	17.86	---	22.00	
3-1 x 8-2	20.49	---	31.16	---	94.68	13.48	13.14	20.49	---	24.72	
3-2 x 8-2	21.31	---	32.41	---	94.68	14.17	13.82	21.31	---	25.57	
4-0 x 8-2	27.68	25.33	42.09	38.53	94.68	13.64	13.30	27.68	25.33	32.17	
5-0 x 8-2	35.57	33.22	54.09	50.53	94.68	20.30	19.78	35.57	33.22	40.34	
5-4 x 8-2	38.20	35.85	58.09	54.53	94.68	22.52	21.96	38.20	35.85	43.06	
6-0 x 8-2	43.46	41.11	66.09	62.53	94.68	26.96	26.28	43.46	41.11	48.51	
6-2 x 8-2	45.06	42.71	68.53	64.96	94.68	28.34	27.64	45.06	42.71	50.16	
2-1 x 9-0	13.93	---	19.16	---	104.68	7.67	7.50	13.93	---	18.24	
2-7 x 9-0	18.29	---	25.16	---	104.68	11.42	11.16	18.29	---	22.74	
2-9 x 9-0	19.74	---	27.16	---	104.68	12.67	12.39	19.74	---	24.24	
3-1 x 9-0	22.65	---	31.16	---	104.68	15.17	14.83	22.65	---	27.24	
3-2 x 9-0	23.56	---	32.41	---	104.68	15.95	15.59	23.56	---	28.18	
4-0 x 9-0	30.60	28.01	42.09	38.53	104.68	15.34	15.00	30.60	28.01	35.45	
5-0 x 9-0	39.32	36.73	54.09	50.53	104.68	22.84	22.32	39.32	36.73	44.45	
5-4 x 9-0	42.23	39.64	58.09	54.53	104.68	25.34	24.78	42.23	39.64	47.45	
6-0 x 9-0	48.05	45.45	66.09	62.53	104.68	30.34	29.66	48.05	45.45	53.45	
6-2 x 9-0	49.82	47.23	68.53	64.96	104.68	31.90	31.18	49.82	47.23	55.28	

Premium Series™

Opening Specifications

WEATHER SHIELD.

WINDOWS & DOORS

Inswing French Door (8511) - Standard Sill - 2-1/4" Panel

Ordering Size	Sq. Ft. Clear Opening		Clear Opening ^a			Sq. Ft. Daylight Opening		Sq. Ft. Vent		Sq. Ft. Overall Unit Area ^b
	1 Oper. Panel	2 Oper. Panels	Width		Height	10" Bottom Rail	12" Bottom Rail	1 Oper. Panel	2 Oper. Panels	
			1 Oper. Panel	2 Oper. Panels						
2-1 x 10-0	15.52	---	19.16	---	116.68	8.69	8.52	15.52	---	20.27
2-7 x 10-0	20.38	---	25.16	---	116.68	12.94	12.69	20.38	---	25.27
2-9 x 10-0	22.00	---	27.16	---	116.68	14.36	14.08	22.00	---	26.93
3-1 x 10-0	25.25	---	31.16	---	116.68	17.19	16.85	25.25	---	30.27
3-2 x 10-0	26.26	---	32.41	---	116.68	18.07	17.72	26.26	---	31.31
4-0 x 10-0	34.11	31.22	42.09	38.53	116.68	17.38	17.04	34.11	31.22	39.39
5-0 x 10-0	43.83	40.94	54.09	50.53	116.68	25.88	25.38	43.83	40.94	49.39
5-4 x 10-0	47.07	44.18	58.09	54.53	116.68	28.72	28.16	47.07	44.18	52.72
6-0 x 10-0	53.56	50.66	66.09	62.53	116.68	34.38	33.70	53.56	50.66	59.39
6-2 x 10-0	55.53	52.64	68.53	64.96	116.68	36.14	35.44	55.53	52.64	61.42

^a All calculations assume operating panel is open 90 degrees.

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

Premium Series™

Opening Specifications

Inswing French Door (8510) - ADA Sill - 2-1/4" Panel

WEATHER SHIELD.

WINDOWS & DOORS

Ordering Size	Sq. Ft. Clear Opening		Clear Opening ^a			Sq. Ft. Daylight Opening		Sq. Ft. Vent		Sq. Ft. Overall Unit Area ^b
	1 Oper. Panel	2 Oper. Panels	Width		Height	10" Bottom Rail	12" Bottom Rail	1 Oper. Panel	2 Oper. Panels	
			1 Oper. Panel	2 Oper. Panels						
2-1 x 6-8	10.13	---	19.16	---	76.14	5.24	5.07	10.13	---	13.17
2-7 x 6-8	13.30	---	25.16	---	76.14	7.80	7.55	13.30	---	16.43
2-9 x 6-8	14.36	---	27.16	---	76.14	8.65	8.37	14.36	---	17.51
3-1 x 6-8	16.47	---	31.16	---	76.14	10.36	10.02	16.47	---	19.68
3-2 x 6-8	17.14	---	32.41	---	76.14	10.89	10.54	17.14	---	20.35
4-0 x 6-8	22.26	20.37	42.09	38.53	76.14	10.48	10.14	22.26	20.37	25.60
5-0 x 6-8	28.60	26.72	54.09	50.53	76.14	15.60	15.10	28.60	26.72	32.11
5-4 x 6-8	30.72	28.83	58.09	54.53	76.14	17.30	16.74	30.72	28.83	34.27
6-0 x 6-8	34.95	33.06	66.09	62.53	76.14	20.72	20.04	34.95	33.06	38.61
6-2 x 6-8	36.24	34.35	68.53	64.96	76.14	21.78	21.08	36.24	34.35	39.93
2-1 x 6-10	10.46	---	19.16	---	78.64	5.45	5.28	10.46	---	13.60
2-7 x 6-10	13.74	---	25.16	---	78.64	8.12	7.86	13.74	---	16.95
2-9 x 6-10	14.83	---	27.16	---	78.64	9.00	8.72	14.83	---	18.07
3-1 x 6-10	17.02	---	31.16	---	78.64	10.78	10.44	17.02	---	20.31
3-2 x 6-10	17.70	---	32.41	---	78.64	11.34	10.98	17.70	---	21.01
4-0 x 6-10	22.99	21.04	42.09	38.53	78.64	10.90	10.56	22.99	21.04	26.42
5-0 x 6-10	29.54	27.59	54.09	50.53	78.64	16.24	15.72	29.54	27.59	33.14
5-4 x 6-10	31.73	29.78	58.09	54.53	78.64	18.00	17.44	31.73	29.78	35.37
6-0 x 6-10	36.10	34.15	66.09	62.53	78.64	21.56	20.88	36.10	34.15	39.85
6-2 x 6-10	37.43	35.48	68.53	64.96	78.64	22.68	21.96	37.43	35.48	41.21
2-1 x 7-2	10.99	---	19.16	---	82.64	5.79	5.62	10.99	---	14.27
2-7 x 7-2	14.44	---	25.16	---	82.64	8.62	8.37	14.44	---	17.79
2-9 x 7-2	15.59	---	27.16	---	82.64	9.57	9.29	15.59	---	18.97
3-1 x 7-2	17.88	---	31.16	---	82.64	11.46	11.12	17.88	---	21.32
3-2 x 7-2	18.60	---	32.41	---	82.64	12.05	11.69	18.60	---	22.05
4-0 x 7-2	24.16	22.11	42.09	38.53	82.64	11.58	11.24	24.16	22.11	27.74
5-0 x 7-2	31.04	29.00	54.09	50.53	82.64	17.24	16.74	31.04	29.00	34.78
5-4 x 7-2	33.34	31.29	58.09	54.53	82.64	19.14	18.58	33.34	31.29	37.13
6-0 x 7-2	37.93	35.88	66.09	62.53	82.64	22.92	22.24	37.93	35.88	41.83
6-2 x 7-2	39.33	37.28	68.53	64.96	82.64	24.10	23.38	39.33	37.28	43.26
2-1 x 8-0	12.32	---	19.16	---	92.64	6.65	6.48	12.32	---	15.96
2-7 x 8-0	16.18	---	25.16	---	92.64	9.89	9.64	16.18	---	19.90
2-9 x 8-0	17.47	---	27.16	---	92.64	10.98	10.70	17.47	---	21.21
3-1 x 8-0	20.04	---	31.16	---	92.64	13.14	12.80	20.04	---	23.84
3-2 x 8-0	20.85	---	32.41	---	92.64	13.82	13.46	20.85	---	24.66
4-0 x 8-0	27.08	24.79	42.09	38.53	92.64	13.30	12.96	27.08	24.79	31.02
5-0 x 8-0	34.80	32.51	54.09	50.53	92.64	19.78	19.28	34.80	32.51	38.90
5-4 x 8-0	37.37	35.08	58.09	54.53	92.64	21.96	21.40	37.37	35.08	41.52
6-0 x 8-0	42.52	40.23	66.09	62.53	92.64	26.28	25.60	42.52	40.23	46.77
6-2 x 8-0	44.09	41.79	68.53	64.96	92.64	27.64	26.92	44.09	41.79	48.37
2-1 x 8-2	12.59	---	19.16	---	94.64	6.82	6.65	12.59	---	16.30
2-7 x 8-2	16.53	---	25.16	---	94.64	10.15	9.89	16.53	---	20.32
2-9 x 8-2	17.85	---	27.16	---	94.64	11.26	10.98	17.85	---	21.66
3-1 x 8-2	20.48	---	31.16	---	94.64	13.48	13.14	20.48	---	24.34
3-2 x 8-2	21.30	---	32.41	---	94.64	14.17	13.82	21.30	---	25.18
4-0 x 8-2	27.67	25.32	42.09	38.53	94.64	13.64	13.30	27.67	25.32	31.67
5-0 x 8-2	35.55	33.21	54.09	50.53	94.64	20.30	19.78	35.55	33.21	39.72
5-4 x 8-2	38.18	35.84	58.09	54.53	94.64	22.52	21.96	38.18	35.84	42.40
6-0 x 8-2	43.44	41.09	66.09	62.53	94.64	26.96	26.28	43.44	41.09	47.76
6-2 x 8-2	45.04	42.70	68.53	64.96	94.64	28.34	27.64	45.04	42.70	49.40
2-1 x 9-0	13.92	---	19.16	---	104.64	7.67	7.50	13.92	---	17.99
2-7 x 9-0	18.28	---	25.16	---	104.64	11.42	11.16	18.28	---	22.43
2-9 x 9-0	19.73	---	27.16	---	104.64	12.67	12.39	19.73	---	23.90
3-1 x 9-0	22.64	---	31.16	---	104.64	15.17	14.83	22.64	---	26.86
3-2 x 9-0	23.55	---	32.41	---	104.64	15.95	15.59	23.55	---	27.79
4-0 x 9-0	30.59	28.00	42.09	38.53	104.64	15.34	15.00	30.59	28.00	34.96
5-0 x 9-0	39.31	36.72	54.09	50.53	104.64	22.84	22.32	39.31	36.72	43.83
5-4 x 9-0	42.22	39.62	58.09	54.53	104.64	25.34	24.78	42.22	39.62	46.79
6-0 x 9-0	48.03	45.44	66.09	62.53	104.64	30.34	29.66	48.03	45.44	52.71
6-2 x 9-0	49.80	47.21	68.53	64.96	104.64	31.90	31.18	49.80	47.21	54.51

Premium Series™

Opening Specifications

WEATHER SHIELD.

WINDOWS & DOORS

Inswing French Door (8510) - ADA Sill - 2-1/4" Panel

Ordering Size	Sq. Ft. Clear Opening		Clear Opening ^a				Sq. Ft. Daylight Opening		Sq. Ft. Vent		Sq. Ft. Overall Unit Area ^b
	1 Oper. Panel	2 Oper. Panels	Width		Height	10" Bottom Rail	12" Bottom Rail	1 Oper. Panel	2 Oper. Panels		
			1 Oper. Panel	2 Oper. Panels							
2-1 x 10-0	15.52	---	19.16	---	116.64	8.69	8.52	15.52	---	20.01	
2-7 x 10-0	20.38	---	25.16	---	116.64	12.94	12.69	20.38	---	24.95	
2-9 x 10-0	22.00	---	27.16	---	116.64	14.36	14.08	22.00	---	26.60	
3-1 x 10-0	25.24	---	31.16	---	116.64	17.19	16.85	25.24	---	29.89	
3-2 x 10-0	26.25	---	32.41	---	116.64	18.07	17.72	26.25	---	30.92	
4-0 x 10-0	34.10	31.21	42.09	38.53	116.64	17.38	17.04	34.10	31.21	38.89	
5-0 x 10-0	43.82	40.93	54.09	50.53	116.64	25.88	25.38	43.82	40.93	48.77	
5-4 x 10-0	47.06	44.17	58.09	54.53	116.64	28.72	28.16	47.06	44.17	52.06	
6-0 x 10-0	53.54	50.65	66.09	62.53	116.64	34.38	33.70	53.54	50.65	58.65	
6-2 x 10-0	55.51	52.62	68.53	64.96	116.64	36.14	35.44	55.51	52.62	60.65	

^a All calculations assume operating panel is open 90 degrees.

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