

# Signature Series™

## Opening Specifications

**WEATHER SHIELD.**  
WINDOWS & DOORS

Outswing French Door (8610) - Standard Sill - 1-3/4" Panel

Ordering Size	Sq. Ft. Clear Opening		Clear Opening <sup>a</sup>				Sq. Ft. Daylight Opening			Sq. Ft. Vent		Sq. Ft. Overall Unit Area <sup>b</sup>
	1 Oper. Panel	2 Oper. Panels	Width		Height	7-1/2" Bottom Rail	10" Bottom Rail	12" Bottom Rail	1 Oper. Panel	2 Oper. Panels		
			1 Oper. Panel	2 Oper. Panels								
2-1 x 6-8	10.36	---	19.77	---	75.48	5.45	5.24	5.07	10.36	---	13.43	
2-7 x 6-8	13.51	---	25.77	---	75.48	8.12	7.80	7.55	13.51	---	16.74	
2-9 x 6-8	14.55	---	27.77	---	75.48	9.00	8.65	8.37	14.55	---	17.85	
3-1 x 6-8	16.65	---	31.77	---	75.48	10.78	10.36	10.02	16.65	---	20.06	
3-2 x 6-8	17.31	---	33.02	---	75.48	11.34	10.89	10.54	17.31	---	20.75	
4-0 x 6-8	10.19	20.89	19.44	39.85	75.48	10.90	10.48	10.14	10.19	20.89	26.10	
5-0 x 6-8	13.34	27.18	25.44	51.85	75.48	16.24	15.60	15.10	13.34	27.18	32.72	
5-4 x 6-8	14.38	29.28	27.44	55.85	75.48	18.00	17.30	16.74	14.38	29.28	34.93	
6-0 x 6-8	16.48	33.47	31.44	63.85	75.48	21.56	20.72	20.04	16.48	33.47	39.35	
6-2 x 6-8	17.12	34.75	32.66	66.29	75.48	22.68	21.78	21.08	17.12	34.75	40.70	
2-1 x 6-10	10.70	---	19.77	---	77.98	5.67	5.45	5.28	10.70	---	13.85	
2-7 x 6-10	13.95	---	25.77	---	77.98	8.43	8.12	7.86	13.95	---	17.27	
2-9 x 6-10	15.04	---	27.77	---	77.98	9.36	9.00	8.72	15.04	---	18.41	
3-1 x 6-10	17.20	---	31.77	---	77.98	11.20	10.78	10.44	17.20	---	20.69	
3-2 x 6-10	17.88	---	33.02	---	77.98	11.78	11.34	10.98	17.88	---	21.40	
4-0 x 6-10	10.53	21.58	19.44	39.85	77.98	11.34	10.90	10.56	10.53	21.58	26.92	
5-0 x 6-10	13.78	28.08	25.44	51.85	77.98	16.86	16.24	15.72	13.78	28.08	33.75	
5-4 x 6-10	14.86	30.24	27.44	55.85	77.98	18.72	18.00	17.44	14.86	30.24	36.03	
6-0 x 6-10	17.03	34.58	31.44	63.85	77.98	22.40	21.56	20.88	17.03	34.58	40.59	
6-2 x 6-10	17.69	35.90	32.66	66.29	77.98	23.56	22.68	21.96	17.69	35.90	41.98	
2-1 x 7-2	11.25	---	19.77	---	81.98	6.01	5.79	5.62	11.25	---	14.53	
2-7 x 7-2	14.67	---	25.77	---	81.98	8.94	8.62	8.37	14.67	---	18.11	
2-9 x 7-2	15.81	---	27.77	---	81.98	9.92	9.57	9.29	15.81	---	19.30	
3-1 x 7-2	18.08	---	31.77	---	81.98	11.88	11.46	11.12	18.08	---	21.69	
3-2 x 7-2	18.80	---	33.02	---	81.98	12.49	12.05	11.69	18.80	---	22.44	
4-0 x 7-2	11.07	22.69	19.44	39.85	81.98	12.02	11.58	11.24	11.07	22.69	28.23	
5-0 x 7-2	14.48	29.52	25.44	51.85	81.98	17.88	17.24	16.74	14.48	29.52	35.40	
5-4 x 7-2	15.62	31.80	27.44	55.85	81.98	19.84	19.14	18.58	15.62	31.80	37.79	
6-0 x 7-2	17.90	36.35	31.44	63.85	81.98	23.76	22.92	22.24	17.90	36.35	42.57	
6-2 x 7-2	18.59	37.74	32.66	66.29	81.98	24.98	24.10	23.38	18.59	37.74	44.02	
2-1 x 8-0	12.63	---	19.77	---	91.98	6.86	6.65	6.48	12.63	---	16.21	
2-7 x 8-0	16.46	---	25.77	---	91.98	10.21	9.89	9.64	16.46	---	20.21	
2-9 x 8-0	17.74	---	27.77	---	91.98	11.33	10.98	10.70	17.74	---	21.55	
3-1 x 8-0	20.29	---	31.77	---	91.98	13.56	13.14	12.80	20.29	---	24.22	
3-2 x 8-0	21.09	---	33.02	---	91.98	14.26	13.82	13.46	21.09	---	25.05	
4-0 x 8-0	12.42	25.45	19.44	39.85	91.98	13.72	13.30	12.96	12.42	25.45	31.51	
5-0 x 8-0	16.25	33.12	25.44	51.85	91.98	20.42	19.78	19.28	16.25	33.12	39.51	
5-4 x 8-0	17.53	35.67	27.44	55.85	91.98	22.66	21.96	21.40	17.53	35.67	42.18	
6-0 x 8-0	20.08	40.78	31.44	63.85	91.98	27.12	26.28	25.60	20.08	40.78	47.52	
6-2 x 8-0	20.86	42.34	32.66	66.29	91.98	28.52	27.64	26.92	20.86	42.34	49.14	
2-1 x 8-2	12.90	---	19.77	---	93.98	7.03	6.82	6.65	12.90	---	16.55	
2-7 x 8-2	16.82	---	25.77	---	93.98	10.47	10.15	9.89	16.82	---	20.64	
2-9 x 8-2	18.12	---	27.77	---	93.98	11.61	11.26	10.98	18.12	---	22.00	
3-1 x 8-2	20.73	---	31.77	---	93.98	13.90	13.48	13.14	20.73	---	24.72	
3-2 x 8-2	21.55	---	33.02	---	93.98	14.62	14.17	13.82	21.55	---	25.57	
4-0 x 8-2	12.69	26.01	19.44	39.85	93.98	14.06	13.64	13.30	12.69	26.01	32.17	
5-0 x 8-2	16.60	33.84	25.44	51.85	93.98	20.94	20.30	19.78	16.60	33.84	40.34	
5-4 x 8-2	17.91	36.45	27.44	55.85	93.98	23.22	22.52	21.96	17.91	36.45	43.06	
6-0 x 8-2	20.52	41.67	31.44	63.85	93.98	27.80	26.96	26.28	20.52	41.67	48.51	
6-2 x 8-2	21.31	43.26	32.66	66.29	93.98	29.24	28.34	27.64	21.31	43.26	50.16	

<sup>a</sup> All calculations assume operating panel is open 90 degrees.

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

# Signature Series™

## Opening Specifications

### Outswing French Door (8610) - Low Profile Sill - 1-3/4" Panel

# WEATHER SHIELD.

## WINDOWS & DOORS

Ordering Size	Sq. Ft. Clear Opening		Clear Opening <sup>a</sup>				Sq. Ft. Daylight Opening			Sq. Ft. Vent		Sq. Ft. Overall Unit Area <sup>b</sup>
	1 Oper. Panel	2 Oper. Panels	Width		Height	7-1/2" Bottom Rail	10" Bottom Rail	12" Bottom Rail	1 Oper. Panel	2 Oper. Panels		
			1 Oper. Panel	2 Oper. Panels								
2-1 x 6-8	10.38	---	19.77	---	75.66	5.45	5.24	5.07	10.38	---	13.32	
2-7 x 6-8	13.54	---	25.77	---	75.66	8.12	7.80	7.55	13.54	---	16.61	
2-9 x 6-8	14.59	---	27.77	---	75.66	9.00	8.65	8.37	14.59	---	17.71	
3-1 x 6-8	16.69	---	31.77	---	75.66	10.78	10.36	10.02	16.69	---	19.90	
3-2 x 6-8	17.35	---	33.02	---	75.66	11.34	10.89	10.54	17.35	---	20.58	
4-0 x 6-8	10.21	20.94	19.44	39.85	75.66	10.90	10.48	10.14	10.21	20.94	25.89	
5-0 x 6-8	13.37	27.24	25.44	51.85	75.66	16.24	15.60	15.10	13.37	27.24	32.47	
5-4 x 6-8	14.42	29.34	27.44	55.85	75.66	18.00	17.30	16.74	14.42	29.34	34.66	
6-0 x 6-8	16.52	33.55	31.44	63.85	75.66	21.56	20.72	20.04	16.52	33.55	39.04	
6-2 x 6-8	17.16	34.83	32.66	66.29	75.66	22.68	21.78	21.08	17.16	34.83	40.38	
2-1 x 6-10	10.73	---	19.77	---	78.16	5.67	5.45	5.28	10.73	---	13.74	
2-7 x 6-10	13.98	---	25.77	---	78.16	8.43	8.12	7.86	13.98	---	17.14	
2-9 x 6-10	15.07	---	27.77	---	78.16	9.36	9.00	8.72	15.07	---	18.27	
3-1 x 6-10	17.24	---	31.77	---	78.16	11.20	10.78	10.44	17.24	---	20.53	
3-2 x 6-10	17.92	---	33.02	---	78.16	11.78	11.34	10.98	17.92	---	21.23	
4-0 x 6-10	10.55	21.63	19.44	39.85	78.16	11.34	10.90	10.56	10.55	21.63	26.71	
5-0 x 6-10	13.81	28.14	25.44	51.85	78.16	16.86	16.24	15.72	13.81	28.14	33.50	
5-4 x 6-10	14.89	30.31	27.44	55.85	78.16	18.72	18.00	17.44	14.89	30.31	35.76	
6-0 x 6-10	17.06	34.66	31.44	63.85	78.16	22.40	21.56	20.88	17.06	34.66	40.28	
6-2 x 6-10	17.73	35.98	32.66	66.29	78.16	23.56	22.68	21.96	17.73	35.98	41.66	
2-1 x 7-2	11.28	---	19.77	---	82.16	6.01	5.79	5.62	11.28	---	14.42	
2-7 x 7-2	14.70	---	25.77	---	82.16	8.94	8.62	8.37	14.70	---	17.98	
2-9 x 7-2	15.84	---	27.77	---	82.16	9.92	9.57	9.29	15.84	---	19.16	
3-1 x 7-2	18.12	---	31.77	---	82.16	11.88	11.46	11.12	18.12	---	21.54	
3-2 x 7-2	18.84	---	33.02	---	82.16	12.49	12.05	11.69	18.84	---	22.28	
4-0 x 7-2	11.09	22.74	19.44	39.85	82.16	12.02	11.58	11.24	11.09	22.74	28.02	
5-0 x 7-2	14.51	29.58	25.44	51.85	82.16	17.88	17.24	16.74	14.51	29.58	35.14	
5-4 x 7-2	15.66	31.86	27.44	55.85	82.16	19.84	19.14	18.58	15.66	31.86	37.51	
6-0 x 7-2	17.94	36.43	31.44	63.85	82.16	23.76	22.92	22.24	17.94	36.43	42.26	
6-2 x 7-2	18.63	37.82	32.66	66.29	82.16	24.98	24.10	23.38	18.63	37.82	43.70	
2-1 x 8-0	12.65	---	19.77	---	92.16	6.86	6.65	6.48	12.65	---	16.11	
2-7 x 8-0	16.49	---	25.77	---	92.16	10.21	9.89	9.64	16.49	---	20.08	
2-9 x 8-0	17.77	---	27.77	---	92.16	11.33	10.98	10.70	17.77	---	21.41	
3-1 x 8-0	20.33	---	31.77	---	92.16	13.56	13.14	12.80	20.33	---	24.06	
3-2 x 8-0	21.13	---	33.02	---	92.16	14.26	13.82	13.46	21.13	---	24.89	
4-0 x 8-0	12.44	25.50	19.44	39.85	92.16	13.72	13.30	12.96	12.44	25.50	31.31	
5-0 x 8-0	16.28	33.18	25.44	51.85	92.16	20.42	19.78	19.28	16.28	33.18	39.26	
5-4 x 8-0	17.56	35.74	27.44	55.85	92.16	22.66	21.96	21.40	17.56	35.74	41.91	
6-0 x 8-0	20.12	40.86	31.44	63.85	92.16	27.12	26.28	25.60	20.12	40.86	47.21	
6-2 x 8-0	20.90	42.42	32.66	66.29	92.16	28.52	27.64	26.92	20.90	42.42	48.82	
2-1 x 8-2	12.92	---	19.77	---	94.16	7.03	6.82	6.65	12.92	---	16.45	
2-7 x 8-2	16.85	---	25.77	---	94.16	10.47	10.15	9.89	16.85	---	20.50	
2-9 x 8-2	18.16	---	27.77	---	94.16	11.61	11.26	10.98	18.16	---	21.86	
3-1 x 8-2	20.77	---	31.77	---	94.16	13.90	13.48	13.14	20.77	---	24.56	
3-2 x 8-2	21.59	---	33.02	---	94.16	14.62	14.17	13.82	21.59	---	25.41	
4-0 x 8-2	12.71	26.06	19.44	39.85	94.16	14.06	13.64	13.30	12.71	26.06	31.96	
5-0 x 8-2	16.63	33.90	25.44	51.85	94.16	20.94	20.30	19.78	16.63	33.90	40.08	
5-4 x 8-2	17.94	36.52	27.44	55.85	94.16	23.22	22.52	21.96	17.94	36.52	42.78	
6-0 x 8-2	20.56	41.75	31.44	63.85	94.16	27.80	26.96	26.28	20.56	41.75	48.20	
6-2 x 8-2	21.35	43.34	32.66	66.29	94.16	29.24	28.34	27.64	21.35	43.34	49.84	

<sup>a</sup> All calculations assume operating panel is open 90 degrees.

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

# Signature Series™

## Opening Specifications

**WEATHER SHIELD.**  
WINDOWS & DOORS

Outswing French Door (8610) - ADA Sill - 1-3/4" Panel

Ordering Size	Sq. Ft. Clear Opening		Clear Opening <sup>A</sup>				Sq. Ft. Daylight Opening			Sq. Ft. Vent		Sq. Ft. Overall Unit Area <sup>B</sup>
	1 Oper. Panel	2 Oper. Panels	Width		Height	7-1/2" Bottom Rail	10" Bottom Rail	12" Bottom Rail	1 Oper. Panel	2 Oper. Panels		
			1 Oper. Panel	2 Oper. Panels								
2-1 x 6-8	10.47	---	19.77	---	76.28	5.45	5.24	5.07	10.47	---	13.17	
2-7 x 6-8	13.65	---	25.77	---	76.28	8.12	7.80	7.55	13.65	---	16.43	
2-9 x 6-8	14.71	---	27.77	---	76.28	9.00	8.65	8.37	14.71	---	17.51	
3-1 x 6-8	16.83	---	31.77	---	76.28	10.78	10.36	10.02	16.83	---	19.68	
3-2 x 6-8	17.49	---	33.02	---	76.28	11.34	10.89	10.54	17.49	---	20.35	
4-0 x 6-8	10.30	21.11	19.44	39.85	76.28	10.90	10.48	10.14	10.30	21.11	25.60	
5-0 x 6-8	13.48	27.47	25.44	51.85	76.28	16.24	15.60	15.10	13.48	27.47	32.11	
5-4 x 6-8	14.54	29.58	27.44	55.85	76.28	18.00	17.30	16.74	14.54	29.58	34.27	
6-0 x 6-8	16.65	33.82	31.44	63.85	76.28	21.56	20.72	20.04	16.65	33.82	38.61	
6-2 x 6-8	17.30	35.11	32.66	66.29	76.28	22.68	21.78	21.08	17.30	35.11	39.93	
2-1 x 6-10	10.81	---	19.77	---	78.78	5.67	5.45	5.28	10.81	---	13.60	
2-7 x 6-10	14.10	---	25.77	---	78.78	8.43	8.12	7.86	14.10	---	16.95	
2-9 x 6-10	15.19	---	27.77	---	78.78	9.36	9.00	8.72	15.19	---	18.07	
3-1 x 6-10	17.38	---	31.77	---	78.78	11.20	10.78	10.44	17.38	---	20.31	
3-2 x 6-10	18.06	---	33.02	---	78.78	11.78	11.34	10.98	18.06	---	21.01	
4-0 x 6-10	10.64	21.80	19.44	39.85	78.78	11.34	10.90	10.56	10.64	21.80	26.42	
5-0 x 6-10	13.92	28.37	25.44	51.85	78.78	16.86	16.24	15.72	13.92	28.37	33.14	
5-4 x 6-10	15.01	30.55	27.44	55.85	78.78	18.72	18.00	17.44	15.01	30.55	35.37	
6-0 x 6-10	17.20	34.93	31.44	63.85	78.78	22.40	21.56	20.88	17.20	34.93	39.85	
6-2 x 6-10	17.87	36.26	32.66	66.29	78.78	23.56	22.68	21.96	17.87	36.26	41.21	
2-1 x 7-2	11.36	---	19.77	---	82.78	6.01	5.79	5.62	11.36	---	14.27	
2-7 x 7-2	14.81	---	25.77	---	82.78	8.94	8.62	8.37	14.81	---	17.79	
2-9 x 7-2	15.96	---	27.77	---	82.78	9.92	9.57	9.29	15.96	---	18.97	
3-1 x 7-2	18.26	---	31.77	---	82.78	11.88	11.46	11.12	18.26	---	21.32	
3-2 x 7-2	18.98	---	33.02	---	82.78	12.49	12.05	11.69	18.98	---	22.05	
4-0 x 7-2	11.18	22.91	19.44	39.85	82.78	12.02	11.58	11.24	11.18	22.91	27.74	
5-0 x 7-2	14.62	29.81	25.44	51.85	82.78	17.88	17.24	16.74	14.62	29.81	34.78	
5-4 x 7-2	15.77	32.11	27.44	55.85	82.78	19.84	19.14	18.58	15.77	32.11	37.13	
6-0 x 7-2	18.07	36.70	31.44	63.85	82.78	23.76	22.92	22.24	18.07	36.70	41.83	
6-2 x 7-2	18.77	38.11	32.66	66.29	82.78	24.98	24.10	23.38	18.77	38.11	43.26	
2-1 x 8-0	12.73	---	19.77	---	92.78	6.86	6.65	6.48	12.73	---	15.96	
2-7 x 8-0	16.60	---	25.77	---	92.78	10.21	9.89	9.64	16.60	---	19.90	
2-9 x 8-0	17.89	---	27.77	---	92.78	11.33	10.98	10.70	17.89	---	21.21	
3-1 x 8-0	20.47	---	31.77	---	92.78	13.56	13.14	12.80	20.47	---	23.84	
3-2 x 8-0	21.27	---	33.02	---	92.78	14.26	13.82	13.46	21.27	---	24.66	
4-0 x 8-0	12.53	25.68	19.44	39.85	92.78	13.72	13.30	12.96	12.53	25.68	31.02	
5-0 x 8-0	16.39	33.41	25.44	51.85	92.78	20.42	19.78	19.28	16.39	33.41	38.90	
5-4 x 8-0	17.68	35.98	27.44	55.85	92.78	22.66	21.96	21.40	17.68	35.98	41.52	
6-0 x 8-0	20.26	41.14	31.44	63.85	92.78	27.12	26.28	25.60	20.26	41.14	46.77	
6-2 x 8-0	21.04	42.71	32.66	66.29	92.78	28.52	27.64	26.92	21.04	42.71	48.37	
2-1 x 8-2	13.01	---	19.77	---	94.78	7.03	6.82	6.65	13.01	---	16.30	
2-7 x 8-2	16.96	---	25.77	---	94.78	10.47	10.15	9.89	16.96	---	20.32	
2-9 x 8-2	18.28	---	27.77	---	94.78	11.61	11.26	10.98	18.28	---	21.66	
3-1 x 8-2	20.91	---	31.77	---	94.78	13.90	13.48	13.14	20.91	---	24.34	
3-2 x 8-2	21.73	---	33.02	---	94.78	14.62	14.17	13.82	21.73	---	25.18	
4-0 x 8-2	12.80	26.23	19.44	39.85	94.78	14.06	13.64	13.30	12.80	26.23	31.67	
5-0 x 8-2	16.74	34.13	25.44	51.85	94.78	20.94	20.30	19.78	16.74	34.13	39.72	
5-4 x 8-2	18.06	36.76	27.44	55.85	94.78	23.22	22.52	21.96	18.06	36.76	42.40	
6-0 x 8-2	20.69	42.03	31.44	63.85	94.78	27.80	26.96	26.28	20.69	42.03	47.76	
6-2 x 8-2	21.50	43.63	32.66	66.29	94.78	29.24	28.34	27.64	21.50	43.63	49.40	

<sup>A</sup> All calculations assume operating panel is open 90 degrees.

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