

Contemporary Collection™

Opening Specifications

WEATHER SHIELD.

WINDOWS & DOORS

Inswing Hinged Door (8517)

Revised 8/24/17

Call 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	3-1/4" Bottom Rail	5-1/8" Bottom Rail	1 Oper. Panel	2 Oper. Panels	
			1 Oper. Panel	2 Oper. Panels						
2-1 x 6-8	8.48	---	15.94	---	76.64	7.79	7.58	8.48	---	13.26
2-7 x 6-8	11.68	---	21.94	---	76.64	10.72	10.44	11.68	---	16.57
2-9 x 6-8	12.74	---	23.94	---	76.64	11.70	11.39	12.74	---	17.67
3-1 x 6-8	14.87	---	27.94	---	76.64	13.65	13.29	14.87	---	19.88
3-2 x 6-8	15.52	---	29.16	---	76.64	14.25	13.87	15.52	---	20.56
3-7 x 6-8	18.06	---	33.94	---	76.64	16.59	16.14	18.06	---	23.20
4-0 x 6-8	10.19	20.45	19.15	38.43	76.64	38.30	18.64	10.19	20.45	26.10
5-0 x 6-8	13.39	26.84	25.15	50.43	76.64	50.04	24.35	13.39	26.84	32.72
5-4 x 6-8	14.45	28.97	27.15	54.43	76.64	53.94	26.25	14.45	28.97	34.93
6-0 x 6-8	16.58	33.22	31.15	62.43	76.64	61.76	30.06	16.58	33.22	39.35
6-2 x 6-8	17.23	34.52	32.37	64.87	76.64	64.14	31.22	17.23	34.52	40.70
7-0 x 6-8	19.77	39.61	37.15	74.43	76.64	73.50	35.77	19.77	39.61	45.98
2-1 x 6-10	10.81	---	19.66	---	79.14	8.07	7.86	10.81	---	13.67
2-7 x 6-10	14.10	---	25.66	---	79.14	11.10	10.82	14.10	---	17.09
2-9 x 6-10	15.20	---	27.66	---	79.14	12.11	11.80	15.20	---	18.23
3-1 x 6-10	17.40	---	31.66	---	79.14	14.14	13.77	17.40	---	20.51
3-2 x 6-10	18.07	---	32.88	---	79.14	14.76	14.38	18.07	---	21.20
3-7 x 6-10	20.70	---	37.66	---	79.14	17.17	16.73	20.70	---	23.93
4-0 x 6-10	10.53	21.12	19.15	38.43	79.14	39.66	19.32	10.53	21.12	26.92
5-0 x 6-10	13.82	27.71	25.15	50.43	79.14	51.80	25.24	13.82	27.71	33.75
5-4 x 6-10	14.92	29.91	27.15	54.43	79.14	55.86	27.21	14.92	29.91	36.03
6-0 x 6-10	17.12	34.31	31.15	62.43	79.14	63.96	31.15	17.12	34.31	40.59
6-2 x 6-10	17.79	35.65	32.37	64.87	79.14	66.42	32.36	17.79	35.65	41.98
7-0 x 6-0	20.42	40.90	37.15	74.43	79.14	76.10	37.07	20.42	40.90	47.42
2-1 x 7-2	11.35	---	19.66	---	83.14	8.51	8.30	11.35	---	14.34
2-7 x 7-2	14.82	---	25.66	---	83.14	11.71	11.43	14.82	---	17.92
2-9 x 7-2	15.97	---	27.66	---	83.14	12.78	12.47	15.97	---	19.12
3-1 x 7-2	18.28	---	31.66	---	83.14	14.91	14.55	18.28	---	21.51
3-2 x 7-2	18.99	---	32.88	---	83.14	15.57	15.19	18.99	---	22.24
3-7 x 7-2	21.75	---	37.66	---	83.14	18.12	17.68	21.75	---	25.09
4-0 x 7-2	11.06	22.19	19.15	38.43	83.14	41.84	20.41	11.06	22.19	28.23
5-0 x 7-2	14.52	29.11	25.15	50.43	83.14	54.66	26.66	14.52	29.11	35.40
5-4 x 7-2	15.68	31.42	27.15	54.43	83.14	58.92	28.74	15.68	31.42	37.79
6-0 x 7-2	17.99	36.04	31.15	62.43	83.14	67.46	32.91	17.99	36.04	42.57
6-2 x 7-2	18.69	37.45	32.37	64.87	83.14	70.06	34.18	18.69	37.45	44.02
7-0 x 7-2	21.45	42.97	37.15	74.43	83.14	80.28	39.16	21.45	42.97	49.74
2-1 x 8-0	12.72	---	19.66	---	93.14	9.62	9.41	12.72	---	16.01
2-7 x 8-0	16.60	---	25.66	---	93.14	13.23	12.95	16.60	---	20.01
2-9 x 8-0	17.89	---	27.66	---	93.14	14.44	14.13	17.89	---	21.34
3-1 x 8-0	20.48	---	31.66	---	93.14	16.85	16.49	20.48	---	24.01
3-2 x 8-0	21.27	---	32.88	---	93.14	17.59	17.21	21.27	---	24.82
3-7 x 8-0	24.36	---	37.66	---	93.14	20.47	20.03	24.36	---	28.01
4-0 x 8-0	12.39	24.85	19.15	38.43	93.14	47.28	23.13	12.39	24.85	31.51
5-0 x 8-0	16.27	32.62	25.15	50.43	93.14	61.76	30.21	16.27	32.62	39.51
5-4 x 8-0	17.56	35.20	27.15	54.43	93.14	66.58	32.58	17.56	35.20	42.18
6-0 x 8-0	20.15	40.38	31.15	62.43	93.14	76.24	37.30	20.15	40.38	47.52
6-2 x 8-0	20.94	41.95	32.37	64.87	93.14	79.18	38.74	20.94	41.95	49.14
7-0 x 8-0	24.03	48.14	37.15	74.43	93.14	90.72	44.38	24.03	48.14	55.52
2-1 x 8-2	12.99	---	19.66	---	95.14	9.84	9.63	12.99	---	16.34
2-7 x 8-2	16.96	---	25.66	---	95.14	13.54	13.25	16.96	---	20.42
2-9 x 8-2	18.28	---	27.66	---	95.14	14.77	14.46	18.28	---	21.78
3-1 x 8-2	20.92	---	31.66	---	95.14	17.24	16.88	20.92	---	24.51
3-2 x 8-2	21.73	---	32.88	---	95.14	18.00	17.62	21.73	---	25.34
3-7 x 8-2	24.88	---	37.66	---	95.14	20.95	20.50	24.88	---	28.59
4-0 x 8-2	12.65	25.39	19.15	38.43	95.14	48.38	23.68	12.65	25.39	32.17
5-0 x 8-2	16.62	33.32	25.15	50.43	95.14	63.18	30.93	16.62	33.32	40.34
5-4 x 8-2	17.94	35.96	27.15	54.43	95.14	68.12	33.34	17.94	35.96	43.06
6-0 x 8-2	20.58	41.24	31.15	62.43	95.14	78.00	38.18	20.58	41.24	48.51
6-2 x 8-2	21.39	42.86	32.37	64.87	95.14	81.00	39.65	21.39	42.86	50.16
7-0 x 8-2	24.55	49.17	37.15	74.43	95.14	92.80	45.43	24.55	49.17	56.67

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Call 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	3-1/4" Bottom Rail	5-1/8" Bottom Rail	1 Oper. Panel	2 Oper. Panels	
			1 Oper. Panel	2 Oper. Panels						
2-1 x 9-0	14.36	---	19.66	---	105.14	10.94	10.74	14.36	---	18.01
2-7 x 9-0	18.74	---	25.66	---	105.14	15.06	14.78	18.74	---	22.51
2-9 x 9-0	20.20	---	27.66	---	105.14	16.44	16.12	20.20	---	24.01
3-1 x 9-0	23.12	---	31.66	---	105.14	19.18	18.82	23.12	---	27.01
3-2 x 9-0	24.01	---	32.88	---	105.14	20.02	19.64	24.01	---	27.92
3-7 x 9-0	27.50	---	37.66	---	105.14	23.30	22.86	27.50	---	31.51
4-0 x 9-0	13.98	28.06	19.15	38.43	105.14	53.82	26.40	13.98	28.06	35.45
5-0 x 9-0	18.36	36.82	25.15	50.43	105.14	70.30	34.48	18.36	36.82	44.45
5-4 x 9-0	19.82	39.74	27.15	54.43	105.14	75.78	37.17	19.82	39.74	47.45
6-0 x 9-0	22.75	45.58	31.15	62.43	105.14	86.78	42.56	22.75	45.58	53.45
6-2 x 9-0	23.64	47.36	32.37	64.87	105.14	90.12	44.21	23.64	47.36	55.28
7-0 x 9-0	27.13	54.34	37.15	74.43	105.14	103.26	50.65	27.13	54.34	62.46
2-1 x 9-11	15.86	---	19.66	---	116.14	12.16	11.95	15.86	---	19.84
2-7 x 9-11	20.70	---	25.66	---	116.14	16.74	16.45	20.70	---	24.80
2-9 x 9-11	22.31	---	27.66	---	116.14	18.26	17.95	22.31	---	26.45
3-1 x 9-11	25.54	---	31.66	---	116.14	21.32	20.95	25.54	---	29.76
3-2 x 9-11	26.52	---	32.88	---	116.14	22.25	21.87	26.52	---	30.77
3-7 x 9-11	30.38	---	37.66	---	116.14	25.90	25.45	30.38	---	34.72
4-0 x 9-11	15.45	30.99	19.15	38.43	116.14	59.80	29.39	15.45	30.99	39.06
5-0 x 9-11	20.29	40.67	25.15	50.43	116.14	78.12	38.39	20.29	40.67	48.98
5-4 x 9-11	21.90	43.90	27.15	54.43	116.14	84.22	41.39	21.90	43.90	52.28
6-0 x 9-11	25.13	50.35	31.15	62.43	116.14	96.42	47.39	25.13	50.35	58.90
6-2 x 9-11	26.11	52.31	32.37	64.87	116.14	100.14	49.22	26.11	52.31	60.91
7-0 x 9-11	29.96	60.03	37.15	74.43	116.14	114.74	56.39	29.96	60.03	68.81

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

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