

Lawson Industries, Inc.

8700 Horizontal Rolling Window

Clear Opening Sizes

FLANGE FRAME

Clear Opening Sizes & Areas

CODE SIZE	FRAME BUCK SIZE		VENT SIZE		CLEAR OPENING SIZE		AREA (ft ²)
	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	
2020	24	24	12.375	20.125	7.750	18.563	1.00
3020	36	24	18.375	20.125	13.750	18.563	1.77
4020	48	24	24.375	20.125	19.750	18.563	2.55
5020	60	24	30.375	20.125	25.750	18.563	3.32
6020	72	24	36.375	20.125	31.750	18.563	4.09
2030	24	36	12.375	32.125	7.750	30.563	1.64
3030	36	36	18.375	32.125	13.750	30.563	2.92
4030	48	36	24.375	32.125	19.750	30.563	4.19
5030	60	36	30.375	32.125	25.750	30.563	5.47
6030	72	36	36.375	32.125	31.750	30.563	6.74
2040	24	48	12.375	44.125	7.750	42.563	2.29
3040	36	48	18.375	44.125	13.750	42.563	4.06
4040	48	48	24.375	44.125	19.750	42.563	5.84
4040E	49	48	24.875	44.125	20.250	42.563	5.99
5040	60	48	30.375	44.125	25.750	42.563	7.61
6040	72	48	36.375	44.125	31.750	42.563	9.38
2050	24	60	12.375	56.125	7.750	54.563	2.94
3050	36	60	18.375	56.125	13.750	54.563	5.21
4050	48	60	24.375	56.125	19.750	54.563	7.48
4050E	49	60	24.875	56.125	20.250	54.563	7.67
5050	60	60	30.375	56.125	25.750	54.563	9.76
6050	72	60	36.375	56.125	31.750	54.563	12.03

CODE SIZE	FRAME BUCK SIZE		VENT SIZE		CLEAR OPENING SIZE		AREA (ft ²)
	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	
H32	26 1/2	26	13.625	22.125	9.000	20.563	1.29
H33	26 1/2	38 3/8	13.625	34.5	9.000	32.938	2.06
H34	26 1/2	50 5/8	13.625	46.75	9.000	45.188	2.82
H345	26 1/2	58	13.625	54.125	9.000	52.563	3.29
H35	26 1/2	63	13.625	59.125	9.000	57.563	3.60
22	37	26	18.875	22.125	14.250	20.563	2.03
23	37	38 3/8	18.875	34.5	14.250	32.938	3.26
24	37	50 5/8	18.875	46.75	14.250	45.188	4.47
245	37	58	18.875	54.125	14.250	52.563	5.20
25	37	63	18.875	59.125	14.250	57.563	5.70
32	53 1/8	26	26.937	22.125	22.312	20.563	3.19
33	53 1/8	38 3/8	26.937	34.5	22.312	32.938	5.10
34	53 1/8	50 5/8	26.937	46.75	22.312	45.188	7.00
345	53 1/8	58	26.937	54.125	22.312	52.563	8.14
35	53 1/8	63	26.937	59.125	22.312	57.563	8.92
D22	74	26	37.375	22.125	32.750	20.563	4.68
D23	74	38 3/8	37.375	34.5	32.750	32.938	7.49
D24	74	50 5/8	37.375	46.75	32.750	45.188	10.28
D245	74	58	37.375	54.125	32.750	52.563	11.95
D25	74	63	37.375	59.125	32.750	57.563	13.09

EMERGENCY ESCAPE & RESCUE OPENINGS

(As per Florida Building Code)

1) Minimum Clear Opening: (inches)

Clear Width = 20" min.
 Clear Height = 24" min.

2) Minimum Net Clear Opening: (sq. ft.)

Ground Floor = 5.0 SQ.FT.
 Second & Above = 5.7 SQ.FT.

Lawson Industries, Inc.

8800 Horizontal Rolling Window

Clear Opening Sizes

FIN FRAME

Clear Opening Sizes & Areas

CODE SIZE	FRAME BUCK SIZE		VENT SIZE		CLEAR OPENING SIZE		AREA (ft ²)
	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	
2020	23	23	12.375	20.125	7.750	18.563	1.00
3020	35	23	18.375	20.125	13.750	18.563	1.77
4020	47	23	24.375	20.125	19.750	18.563	2.55
5020	59	23	30.375	20.125	25.750	18.563	3.32
6020	71	23	36.375	20.125	31.750	18.563	4.09
2030	23	35	12.375	32.125	7.750	30.563	1.64
3030	35	35	18.375	32.125	13.750	30.563	2.92
4030	47	35	24.375	32.125	19.750	30.563	4.19
5030	59	35	30.375	32.125	25.750	30.563	5.47
6030	71	35	36.375	32.125	31.750	30.563	6.74
2040	23	47	12.375	44.125	7.750	42.563	2.29
3040	35	47	18.375	44.125	13.750	42.563	4.06
4040	47	47	24.375	44.125	19.750	42.563	5.84
4040E	48	47	24.875	44.125	20.250	42.563	5.99
5040	59	47	30.375	44.125	25.750	42.563	7.61
6040	71	47	36.375	44.125	31.750	42.563	9.38
2050	23	59	12.375	56.125	7.750	54.563	2.94
3050	35	59	18.375	56.125	13.750	54.563	5.21
4050	47	59	24.375	56.125	19.750	54.563	7.48
4050E	48	59	24.875	56.125	20.250	54.563	7.67
5050	59	59	30.375	56.125	25.750	54.563	9.76
6050	71	59	36.375	56.125	31.750	54.563	12.03

CODE SIZE	FRAME BUCK SIZE		VENT SIZE		CLEAR OPENING SIZE		AREA (ft ²)
	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	
H32	25 1/2	25	13.625	22.125	9.000	20.563	1.29
H33	25 1/2	37 3/8	13.625	34.5	9.000	32.938	2.06
H34	25 1/2	49 5/8	13.625	46.75	9.000	45.188	2.82
H345	25 1/2	57	13.625	54.125	9.000	52.563	3.29
H35	25 1/2	62	13.625	59.125	9.000	57.563	3.60
22	36	25	18.875	22.125	14.250	20.563	2.03
23	36	37 3/8	18.875	34.5	14.250	32.938	3.26
24	36	49 5/8	18.875	46.75	14.250	45.188	4.47
245	36	57	18.875	54.125	14.250	52.563	5.20
25	36	62	18.875	59.125	14.250	57.563	5.70
32	52 1/8	25	26.937	22.125	22.312	20.563	3.19
33	52 1/8	37 3/8	26.937	34.5	22.312	32.938	5.10
34	52 1/8	49 5/8	26.937	46.75	22.312	45.188	7.00
345	52 1/8	57	26.937	54.125	22.312	52.563	8.14
35	52 1/8	62	26.937	59.125	22.312	57.563	8.92
D22	73	25	37.375	22.125	32.750	20.563	4.68
D23	73	37 3/8	37.375	34.5	32.750	32.938	7.49
D24	73	49 5/8	37.375	46.75	32.750	45.188	10.28
D245	73	57	37.375	54.125	32.750	52.563	11.95
D25	73	62	37.375	59.125	32.750	57.563	13.09

EMERGENCY ESCAPE & RESCUE OPENINGS

(As per Florida Building Code)

1) Minimum Clear Opening: (inches)

Clear Width = 20" min.

Clear Height = 24" min.

2) Minimum Net Clear Opening: (sq. ft.)

Ground Floor = 5.0 SQ.FT.

Second & Above = 5.7 SQ.FT.

8700 XOX 1/4-1/2-1/4 HRW COMMODITY SIZE EGRESS CHART						
SIZE CODE	FRAME SIZE		CLEAR OPENING SIZE			EGRESS
	WIDTH	HEIGHT	WIDTH	HEIGHT	AREA (SF)	
32	53.125	26	11.221	20.583	1.60	No
33		38.375	11.221	32.958	2.57	No
34		50.625	11.221	45.208	3.52	No
35		63	11.221	57.583	4.49	No
D22	74	26	16.440	20.583	2.35	No
D23		38.375	16.440	32.958	3.76	No
D24		50.625	16.440	45.208	5.16	No
D25		63	16.440	57.583	6.57	No
D32	106.375	26	24.534	20.583	3.51	No
D33		38.375	24.534	32.958	5.62	1st Floor
D34		50.625	24.534	45.208	7.70	2nd Floor
D35		63	24.534	57.583	9.81	2nd Floor
T22	111	26	25.690	20.583	3.67	No
T23		38.375	25.690	32.958	5.88	2nd Floor
T24		50.625	25.690	45.208	8.07	2nd Floor
T25		63	25.690	57.583	10.27	2nd Floor

8700 XOX 1/4-1/2-1/4 HRW MODULAR SIZE EGRESS CHART						
SIZE CODE	FRAME SIZE		CLEAR OPENING SIZE			EGRESS
	WIDTH	HEIGHT	WIDTH	HEIGHT	AREA	
6020	72	24	15.94	18.583	2.06	No
6030		36	15.94	30.583	3.39	No
6040		48	15.94	42.583	4.71	No
6050		60	15.94	54.583	6.04	2nd Floor
7020	84	24	18.94	18.583	2.44	No
7030		36	18.94	30.583	4.02	No
7040		48	18.94	42.583	5.60	No
7050		60	18.94	54.583	7.18	No
8020	96	24	21.94	18.583	2.83	No
8030		36	21.94	30.583	4.66	No
8040		48	21.94	42.583	6.49	2nd Floor
8050		60	21.94	54.583	8.32	2nd Floor
9020	108	24	24.94	18.583	3.22	No
9030		36	24.94	30.583	5.30	1st Floor
9040		48	24.94	42.583	7.38	2nd Floor
9050		60	24.94	54.583	9.45	2nd Floor
10020	120	24	27.94	18.583	3.61	No
10030		36	27.94	30.583	5.93	2nd Floor
10040		48	27.94	42.583	8.26	2nd Floor
10050		60	27.94	54.583	10.59	2nd Floor

Criteria: W > 20" H > 24" A > 5.0sf for 1st Floor
A > 5.7sf for 2nd Floor

8700 XOX 1/3-1/3-1/3 HRW COMMODITY SIZE EGRESS CHART						
SIZE CODE	FRAME SIZE		CLEAR OPENING SIZE			EGRESS
	WIDTH	HEIGHT	WIDTH	HEIGHT	AREA (SF)	
32	53.125	26	14.163	20.583	2.02	No
33		38.375	14.163	32.958	3.24	No
34		50.625	14.163	45.208	4.45	No
35		63	14.163	57.583	5.66	No
D22	74	26	21.122	20.583	3.02	No
D23		38.375	21.122	32.958	4.83	No
D24		50.625	21.122	45.208	6.63	2nd Floor
D25		63	21.122	57.583	8.45	2nd Floor
D32	79.5	26	22.955	20.583	3.28	No
D33		38.375	22.955	32.958	5.25	1st Floor
D34		50.625	22.955	45.208	7.21	2nd Floor
D35		63	22.955	57.583	9.18	2nd Floor
T22	84	26	24.455	20.583	3.50	No
T23		38.375	24.455	32.958	5.60	1st Floor
T24		50.625	24.455	45.208	7.68	2nd Floor
T25		63	24.455	57.583	9.78	2nd Floor

8700 XOX 1/3-1/3-1/3 HRW MODULAR SIZE EGRESS CHART						
SIZE CODE	FRAME SIZE		CLEAR OPENING SIZE			EGRESS
	WIDTH	HEIGHT	WIDTH	HEIGHT	AREA	
6020	60	24	16.455	18.583	2.12	No
6030		36	16.455	30.583	3.49	No
6040		48	16.455	42.583	4.87	No
6050		60	16.455	54.583	6.24	No
7020	72	24	20.455	18.583	2.64	No
7030		36	20.455	30.583	4.34	No
7040		48	20.455	42.583	6.05	2nd Floor
7050		60	20.455	54.583	7.75	2nd Floor
8020	84	24	24.455	18.583	3.16	No
8030		36	24.455	30.583	5.19	1st Floor
8040		48	24.455	42.583	7.23	2nd Floor
8050		60	24.455	54.583	9.27	2nd Floor

Criteria: W > 20" H > 24" A > 5.0sf for 1st Floor
A > 5.7sf for 2nd Floor