

Clear Opening and Egress

Rev: 2/23/16

Egress Requirements	Min. Width	Min. Height	Min. Sq.Ft.
United States	20"	24"	5.70

Size	Rough Opening		Net Size		Clear Opening		Clear Opening Sq. Ft.	Egress Compliance	Daylight - Vent		Daylight - Fixed		Total Visible Glass Sq. Ft.
	Width	Height	Width	Height	Width	Height			Width	Height	Width	Height	
2 ⁰ 1 ⁶	24	18	23 1/2	17 1/2	7 1/2	12 3/8	0.64	-	7 15/16	12 3/8	7 15/16	12 3/8	1.36
2 ⁰ 2 ⁰	24	24	23 1/2	23 1/2	7 1/2	18 3/8	0.96	-	7 15/16	18 3/8	7 15/16	18 3/8	2.03
2 ⁰ 2 ⁶	24	30	23 1/2	29 1/2	7 1/2	24 3/8	1.27	-	7 15/16	24 3/8	7 15/16	24 3/8	2.69
2 ⁰ 3 ⁰	24	36	23 1/2	35 1/2	7 1/2	30 3/8	1.58	-	7 15/16	30 3/8	7 15/16	30 3/8	3.35
2 ⁶ 1 ⁶	30	18	29 1/2	17 1/2	10 1/2	12 3/8	0.90	-	10 15/16	12 3/8	10 15/16	12 3/8	1.88
2 ⁶ 2 ⁰	30	24	29 1/2	23 1/2	10 1/2	18 3/8	1.34	-	10 15/16	18 3/8	10 15/16	18 3/8	2.79
2 ⁶ 2 ⁶	30	30	29 1/2	29 1/2	10 1/2	24 3/8	1.78	-	10 15/16	24 3/8	10 15/16	24 3/8	3.70
2 ⁶ 3 ⁰	30	36	29 1/2	35 1/2	10 1/2	30 3/8	2.21	-	10 15/16	30 3/8	10 15/16	30 3/8	4.61
3 ⁰ 1 ⁰	36	12	35 1/2	11 1/2	13 1/2	6 3/8	0.60	-	13 15/16	6 3/8	13 15/16	6 3/8	1.23
3 ⁰ 1 ⁶	36	18	35 1/2	17 1/2	13 1/2	12 3/8	1.16	-	13 15/16	12 3/8	13 15/16	12 3/8	2.40
3 ⁰ 2 ⁰	36	24	35 1/2	23 1/2	13 1/2	18 3/8	1.72	-	13 15/16	18 3/8	13 15/16	18 3/8	3.56
3 ⁰ 2 ⁶	36	30	35 1/2	29 1/2	13 1/2	24 3/8	2.29	-	13 15/16	24 3/8	13 15/16	24 3/8	4.72
3 ⁰ 3 ⁰	36	36	35 1/2	35 1/2	13 1/2	30 3/8	2.85	-	13 15/16	30 3/8	13 15/16	30 3/8	5.88
3 ⁰ 3 ⁶	36	42	35 1/2	41 1/2	13 1/2	36 3/8	3.41	-	13 15/16	36 3/8	13 15/16	36 3/8	7.04
3 ⁰ 4 ⁰	36	48	35 1/2	47 1/2	13 1/2	42 3/8	3.97	-	13 15/16	42 3/8	13 15/16	42 3/8	8.20
3 ⁰ 4 ⁶	36	54	35 1/2	53 1/2	13 1/2	48 3/8	4.54	-	13 15/16	48 3/8	13 15/16	48 3/8	9.36
3 ⁰ 5 ⁰	36	60	35 1/2	59 1/2	13 1/2	54 3/8	5.10	-	13 15/16	54 3/8	13 15/16	54 3/8	10.53
3 ⁰ 5 ⁶	36	66	35 1/2	65 1/2	13 1/2	60 3/8	5.66	-	13 15/16	60 3/8	13 15/16	60 3/8	11.69
3 ⁰ 6 ⁰	36	72	35 1/2	71 1/2	13 1/2	66 3/8	6.22	-	13 15/16	66 3/8	13 15/16	66 3/8	12.85
3 ⁶ 1 ⁰	42	12	41 1/2	11 1/2	16 1/2	6 3/8	0.73	-	16 15/16	6 3/8	16 15/16	6 3/8	1.50
3 ⁶ 1 ⁶	42	18	41 1/2	17 1/2	16 1/2	12 3/8	1.42	-	16 15/16	12 3/8	16 15/16	12 3/8	2.91
3 ⁶ 2 ⁰	42	24	41 1/2	23 1/2	16 1/2	18 3/8	2.11	-	16 15/16	18 3/8	16 15/16	18 3/8	4.32
3 ⁶ 2 ⁶	42	30	41 1/2	29 1/2	16 1/2	24 3/8	2.79	-	16 15/16	24 3/8	16 15/16	24 3/8	5.73
3 ⁶ 3 ⁰	42	36	41 1/2	35 1/2	16 1/2	30 3/8	3.48	-	16 15/16	30 3/8	16 15/16	30 3/8	7.15
3 ⁶ 3 ⁶	42	42	41 1/2	41 1/2	16 1/2	36 3/8	4.17	-	16 15/16	36 3/8	16 15/16	36 3/8	8.56
3 ⁶ 4 ⁰	42	48	41 1/2	47 1/2	16 1/2	42 3/8	4.86	-	16 15/16	42 3/8	16 15/16	42 3/8	9.97
3 ⁶ 4 ⁶	42	54	41 1/2	53 1/2	16 1/2	48 3/8	5.54	-	16 15/16	48 3/8	16 15/16	48 3/8	11.38
3 ⁶ 5 ⁰	42	60	41 1/2	59 1/2	16 1/2	54 3/8	6.23	-	16 15/16	54 3/8	16 15/16	54 3/8	12.79
3 ⁶ 5 ⁶	42	66	41 1/2	65 1/2	16 1/2	60 3/8	6.92	-	16 15/16	60 3/8	16 15/16	60 3/8	14.20
3 ⁶ 6 ⁰	42	72	41 1/2	71 1/2	16 1/2	66 3/8	7.61	-	16 15/16	66 3/8	16 15/16	66 3/8	15.61
4 ⁰ 1 ⁰	48	12	47 1/2	11 1/2	19 1/2	6 3/8	0.86	-	19 15/16	6 3/8	19 15/16	6 3/8	1.77
4 ⁰ 1 ⁶	48	18	47 1/2	17 1/2	19 1/2	12 3/8	1.68	-	19 15/16	12 3/8	19 15/16	12 3/8	3.43
4 ⁰ 2 ⁰	48	24	47 1/2	23 1/2	19 1/2	18 3/8	2.49	-	19 15/16	18 3/8	19 15/16	18 3/8	5.09
4 ⁰ 2 ⁶	48	30	47 1/2	29 1/2	19 1/2	24 3/8	3.30	-	19 15/16	24 3/8	19 15/16	24 3/8	6.75
4 ⁰ 3 ⁰	48	36	47 1/2	35 1/2	19 1/2	30 3/8	4.11	-	19 15/16	30 3/8	19 15/16	30 3/8	8.41
4 ⁰ 3 ⁶	48	42	47 1/2	41 1/2	19 1/2	36 3/8	4.93	-	19 15/16	36 3/8	19 15/16	36 3/8	10.07
4 ⁰ 4 ⁰	48	48	47 1/2	47 1/2	19 1/2	42 3/8	5.74	-	19 15/16	42 3/8	19 15/16	42 3/8	11.73
4 ⁰ 4 ⁶	48	54	47 1/2	53 1/2	19 1/2	48 3/8	6.55	-	19 15/16	48 3/8	19 15/16	48 3/8	13.40
4 ⁰ 5 ⁰	48	60	47 1/2	59 1/2	19 1/2	54 3/8	7.36	-	19 15/16	54 3/8	19 15/16	54 3/8	15.06
4 ⁰ 5 ⁶	48	66	47 1/2	65 1/2	19 1/2	60 3/8	8.18	-	19 15/16	60 3/8	19 15/16	60 3/8	16.72
4 ⁰ 6 ⁰	48	72	47 1/2	71 1/2	19 1/2	66 3/8	8.99	-	19 15/16	66 3/8	19 15/16	66 3/8	18.38
4 ⁶ 1 ⁰	54	12	53 1/2	11 1/2	22 1/2	6 3/8	1.00	-	22 15/16	6 3/8	22 15/16	6 3/8	2.03
4 ⁶ 1 ⁶	54	18	53 1/2	17 1/2	22 1/2	12 3/8	1.93	-	22 15/16	12 3/8	22 15/16	12 3/8	3.94
4 ⁶ 2 ⁰	54	24	53 1/2	23 1/2	22 1/2	18 3/8	2.87	-	22 15/16	18 3/8	22 15/16	18 3/8	5.85
4 ⁶ 2 ⁶	54	30	53 1/2	29 1/2	22 1/2	24 3/8	3.81	-	22 15/16	24 3/8	22 15/16	24 3/8	7.77
4 ⁶ 3 ⁰	54	36	53 1/2	35 1/2	22 1/2	30 3/8	4.75	-	22 15/16	30 3/8	22 15/16	30 3/8	9.68
4 ⁶ 3 ⁶	54	42	53 1/2	41 1/2	22 1/2	36 3/8	5.68	-	22 15/16	36 3/8	22 15/16	36 3/8	11.59
4 ⁶ 4 ⁰	54	48	53 1/2	47 1/2	22 1/2	42 3/8	6.62	Y	22 15/16	42 3/8	22 15/16	42 3/8	13.50
4 ⁶ 5 ⁰	54	60	53 1/2	59 1/2	22 1/2	54 3/8	8.50	Y	22 15/16	54 3/8	22 15/16	54 3/8	17.32
4 ⁶ 5 ⁶	54	66	53 1/2	65 1/2	22 1/2	60 3/8	9.43	Y	22 15/16	60 3/8	22 15/16	60 3/8	19.23
4 ⁶ 6 ⁰	54	72	53 1/2	71 1/2	22 1/2	66 3/8	10.37	Y	22 15/16	66 3/8	22 15/16	66 3/8	21.15
5 ⁰ 1 ⁰	60	12	59 1/2	11 1/2	25 1/2	6 3/8	1.13	-	25 15/16	6 3/8	25 15/16	6 3/8	2.30
5 ⁰ 1 ⁶	60	18	59 1/2	17 1/2	25 1/2	12 3/8	2.19	-	25 15/16	12 3/8	25 15/16	12 3/8	4.46
5 ⁰ 2 ⁰	60	24	59 1/2	23 1/2	25 1/2	18 3/8	3.25	-	25 15/16	18 3/8	25 15/16	18 3/8	6.62
5 ⁰ 2 ⁶	60	30	59 1/2	29 1/2	25 1/2	24 3/8	4.32	-	25 15/16	24 3/8	25 15/16	24 3/8	8.78
5 ⁰ 3 ⁰	60	36	59 1/2	35 1/2	25 1/2	30 3/8	5.38	-	25 15/16	30 3/8	25 15/16	30 3/8	10.94
5 ⁰ 3 ⁶	60	42	59 1/2	41 1/2	25 1/2	36 3/8	6.44	Y	25 15/16	36 3/8	25 15/16	36 3/8	13.10
5 ⁰ 4 ⁰	60	48	59 1/2	47 1/2	25 1/2	42 3/8	7.50	Y	25 15/16	42 3/8	25 15/16	42 3/8	15.27
5 ⁰ 4 ⁶	60	54	59 1/2	53 1/2	25 1/2	48 3/8	8.57	Y	25 15/16	48 3/8	25 15/16	48 3/8	17.43
5 ⁰ 5 ⁰	60	60	59 1/2	59 1/2	25 1/2	54 3/8	9.63	Y	25 15/16	54 3/8	25 15/16	54 3/8	19.59
5 ⁰ 5 ⁶	60	66	59 1/2	65 1/2	25 1/2	60 3/8	10.69	Y	25 15/16	60 3/8	25 15/16	60 3/8	21.75
5 ⁰ 6 ⁰	60	72	59 1/2	71 1/2	25 1/2	66 3/8	11.75	Y	25 15/16	66 3/8	25 15/16	66 3/8	23.91

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Egress Requirements	Min. Width	Min. Height	Min. Sq.Ft.
United States	20"	24"	5.70

Size	Rough Opening		Net Size		Clear Opening		Clear Opening Sq. Ft.	Egress Compliance	Daylight - Vent		Daylight - Fixed		Total Visible Glass Sq. Ft.
	Width	Height	Width	Height	Width	Height			Width	Height	Width	Height	
5 ⁶ 1 ⁰	66	12	65 1/2	11 1/2	28 1/2	6 3/8	1.26	-	28 15/16	6 3/8	28 15/16	6 3/8	2.56
5 ⁶ 1 ⁶	66	18	65 1/2	17 1/2	28 1/2	12 3/8	2.45	-	28 15/16	12 3/8	28 15/16	12 3/8	4.97
5 ⁶ 2 ⁰	66	24	65 1/2	23 1/2	28 1/2	18 3/8	3.64	-	28 15/16	18 3/8	28 15/16	18 3/8	7.39
5 ⁶ 2 ⁶	66	30	65 1/2	29 1/2	28 1/2	24 3/8	4.82	-	28 15/16	24 3/8	28 15/16	24 3/8	9.80
5 ⁶ 3 ⁰	66	36	65 1/2	35 1/2	28 1/2	30 3/8	6.01	Y	28 15/16	30 3/8	28 15/16	30 3/8	12.21
5 ⁶ 3 ⁶	66	42	65 1/2	41 1/2	28 1/2	36 3/8	7.20	Y	28 15/16	36 3/8	28 15/16	36 3/8	14.62
5 ⁶ 4 ⁰	66	48	65 1/2	47 1/2	28 1/2	42 3/8	8.39	Y	28 15/16	42 3/8	28 15/16	42 3/8	17.03
5 ⁶ 4 ⁶	66	54	65 1/2	53 1/2	28 1/2	48 3/8	9.57	Y	28 15/16	48 3/8	28 15/16	48 3/8	19.44
5 ⁶ 5 ⁰	66	60	65 1/2	59 1/2	28 1/2	54 3/8	10.76	Y	28 15/16	54 3/8	28 15/16	54 3/8	21.85
5 ⁶ 5 ⁶	66	66	65 1/2	65 1/2	28 1/2	60 3/8	11.95	Y	28 15/16	60 3/8	28 15/16	60 3/8	24.27
5 ⁶ 6 ⁰	66	72	65 1/2	71 1/2	28 1/2	66 3/8	13.14	Y	28 15/16	66 3/8	28 15/16	66 3/8	26.68
6 ⁰ 1 ⁰	72	12	71 1/2	11 1/2	31 1/2	6 3/8	1.39	-	31 15/16	6 3/8	31 15/16	6 3/8	2.83
6 ⁰ 1 ⁶	72	18	71 1/2	17 1/2	31 1/2	12 3/8	2.71	-	31 15/16	12 3/8	31 15/16	12 3/8	5.49
6 ⁰ 2 ⁰	72	24	71 1/2	23 1/2	31 1/2	18 3/8	4.02	-	31 15/16	18 3/8	31 15/16	18 3/8	8.15
6 ⁰ 2 ⁶	72	30	71 1/2	29 1/2	31 1/2	24 3/8	5.33	-	31 15/16	24 3/8	31 15/16	24 3/8	10.81
6 ⁰ 3 ⁰	72	36	71 1/2	35 1/2	31 1/2	30 3/8	6.64	Y	31 15/16	30 3/8	31 15/16	30 3/8	13.47
6 ⁰ 3 ⁶	72	42	71 1/2	41 1/2	31 1/2	36 3/8	7.96	Y	31 15/16	36 3/8	31 15/16	36 3/8	16.14
6 ⁰ 4 ⁰	72	48	71 1/2	47 1/2	31 1/2	42 3/8	9.27	Y	31 15/16	42 3/8	31 15/16	42 3/8	18.80
6 ⁰ 4 ⁶	72	54	71 1/2	53 1/2	31 1/2	48 3/8	10.58	Y	31 15/16	48 3/8	31 15/16	48 3/8	21.46
6 ⁰ 5 ⁰	72	60	71 1/2	59 1/2	31 1/2	54 3/8	11.89	Y	31 15/16	54 3/8	31 15/16	54 3/8	24.12
6 ⁰ 5 ⁶	72	66	71 1/2	65 1/2	31 1/2	60 3/8	13.21	Y	31 15/16	60 3/8	31 15/16	60 3/8	26.78
6 ⁰ 6 ⁰	72	72	71 1/2	71 1/2	31 1/2	66 3/8	14.52	Y	31 15/16	66 3/8	31 15/16	66 3/8	29.44

Clear opening formulas:

Width: AVS - 4 1/4"
 Height: AWH - 5 1/8"

Daylight formulas:

Vent Lite: AVS - 3 13/16"
 AWH - 5 1/8"
 Fixed Lite: AWW - AVS - 3 13/16"
 AWH - 5 1/8"