

Clear Opening and Egress

Rev: 11.21.17

Egress Requirements	Min. Width	Min. Height	Min. Sq.Ft.
United States	20"	24"	5.70
Canada	15"	15"	3.77

Size	Rough Opening		Net Size		Clear Opening		Clear Opening Sq. Ft.	Egress Compliance		Glass Size - Vent & Fixed		Total Visible Glass Sq. Ft.
	Width	Height	Width	Height	Width	Height		U.S.	Canada	Width	Height	
2 ⁰ 1 ⁶	24	18	23 1/2	17 1/2	8 1/8	15 5/16	0.86	-	-	9 1/16	13 3/4	1.43
2 ⁰ 2 ⁰	24	24	23 1/2	23 1/2	8 1/8	21 5/16	1.20	-	-	9 1/16	19 3/4	2.10
2 ⁰ 2 ⁶	24	30	23 1/2	29 1/2	8 1/8	27 5/16	1.54	-	-	9 1/16	25 3/4	2.77
2 ⁰ 3 ⁰	24	36	23 1/2	35 1/2	8 1/8	33 5/16	1.88	-	-	9 1/16	31 3/4	3.44
2 ⁶ 2 ⁰	30	24	29 1/2	23 1/2	11 1/8	21 5/16	1.65	-	-	12 1/16	19 3/4	2.88
2 ⁶ 2 ⁶	30	30	29 1/2	29 1/2	11 1/8	27 5/16	2.11	-	-	12 1/16	25 3/4	3.80
2 ⁶ 3 ⁰	30	36	29 1/2	35 1/2	11 1/8	33 5/16	2.57	-	-	12 1/16	31 3/4	4.72
3 ⁰ 1 ⁶	36	18	35 1/2	17 1/2	14 1/8	15 5/16	1.50	-	-	15 1/16	13 3/4	2.49
3 ⁰ 2 ⁰	36	24	35 1/2	23 1/2	14 1/8	21 5/16	2.09	-	-	15 1/16	19 3/4	3.66
3 ⁰ 2 ⁶	36	30	35 1/2	29 1/2	14 1/8	27 5/16	2.68	-	-	15 1/16	25 3/4	4.83
3 ⁰ 3 ⁰	36	36	35 1/2	35 1/2	14 1/8	33 5/16	3.27	-	-	15 1/16	31 3/4	6.01
3 ⁰ 3 ⁶	36	42	35 1/2	41 1/2	14 1/8	39 5/16	3.86	-	-	15 1/16	37 3/4	7.18
3 ⁰ 4 ⁰	36	48	35 1/2	47 1/2	14 1/8	45 5/16	4.44	-	-	15 1/16	43 3/4	8.35
3 ⁰ 4 ⁶	36	54	35 1/2	53 1/2	14 1/8	51 5/16	5.03	-	-	15 1/16	49 3/4	9.52
3 ⁰ 5 ⁰	36	60	35 1/2	59 1/2	14 1/8	57 5/16	5.62	-	-	15 1/16	55 3/4	10.69
4 ⁰ 1 ⁶	48	18	47 1/2	17 1/2	20 1/8	15 5/16	2.14	-	-	21 1/16	13 3/4	3.55
4 ⁰ 2 ⁰	48	24	47 1/2	23 1/2	20 1/8	21 5/16	2.98	-	-	21 1/16	19 3/4	5.22
4 ⁰ 2 ⁶	48	30	47 1/2	29 1/2	20 1/8	27 5/16	3.82	-	Y	21 1/16	25 3/4	6.90
4 ⁰ 3 ⁰	48	36	47 1/2	35 1/2	20 1/8	33 5/16	4.66	-	Y	21 1/16	31 3/4	8.57
4 ⁰ 3 ⁶	48	42	47 1/2	41 1/2	20 1/8	39 5/16	5.49	-	Y	21 1/16	37 3/4	10.24
4 ⁰ 4 ⁰	48	48	47 1/2	47 1/2	20 1/8	45 5/16	6.33	Y	Y	21 1/16	43 3/4	11.91
4 ⁰ 4 ⁶	48	54	47 1/2	53 1/2	20 1/8	51 5/16	7.17	Y	Y	21 1/16	49 3/4	13.58
4 ⁰ 5 ⁰	48	60	47 1/2	59 1/2	20 1/8	57 5/16	8.01	Y	Y	21 1/16	55 3/4	15.26
4 ⁰ 6 ⁰	48	72	47 1/2	71 1/2	20 1/8	69 5/16	9.69	Y	Y	21 1/16	67 3/4	18.60
5 ⁰ 1 ⁶	60	18	59 1/2	17 1/2	26 1/8	15 5/16	2.78	-	-	27 1/16	13 3/4	4.62
5 ⁰ 2 ⁰	60	24	59 1/2	23 1/2	26 1/8	21 5/16	3.87	-	Y	27 1/16	19 3/4	6.79
5 ⁰ 2 ⁶	60	30	59 1/2	29 1/2	26 1/8	27 5/16	4.96	-	Y	27 1/16	25 3/4	8.96
5 ⁰ 3 ⁰	60	36	59 1/2	35 1/2	26 1/8	33 5/16	6.04	Y	Y	27 1/16	31 3/4	11.13
5 ⁰ 3 ⁶	60	42	59 1/2	41 1/2	26 1/8	39 5/16	7.13	Y	Y	27 1/16	37 3/4	13.30
5 ⁰ 4 ⁰	60	48	59 1/2	47 1/2	26 1/8	45 5/16	8.22	Y	Y	27 1/16	43 3/4	15.47
5 ⁰ 4 ⁶	60	54	59 1/2	53 1/2	26 1/8	51 5/16	9.31	Y	Y	27 1/16	49 3/4	17.65
5 ⁰ 5 ⁰	60	60	59 1/2	59 1/2	26 1/8	57 5/16	10.40	Y	Y	27 1/16	55 3/4	19.82
5 ⁰ 6 ⁰	60	72	59 1/2	71 1/2	26 1/8	69 5/16	12.57	Y	Y	27 1/16	67 3/4	24.16
6 ⁰ 1 ⁶	72	18	71 1/2	17 1/2	32 1/8	15 5/16	3.42	-	-	33 1/16	13 3/4	5.68
6 ⁰ 2 ⁰	72	24	71 1/2	23 1/2	32 1/8	21 5/16	4.75	-	Y	33 1/16	19 3/4	8.35
6 ⁰ 2 ⁶	72	30	71 1/2	29 1/2	32 1/8	27 5/16	6.09	Y	Y	33 1/16	25 3/4	11.02
6 ⁰ 3 ⁰	72	36	71 1/2	35 1/2	32 1/8	33 5/16	7.43	Y	Y	33 1/16	31 3/4	13.69
6 ⁰ 3 ⁶	72	42	71 1/2	41 1/2	32 1/8	39 5/16	8.77	Y	Y	33 1/16	37 3/4	16.37
6 ⁰ 4 ⁰	72	48	71 1/2	47 1/2	32 1/8	45 5/16	10.11	Y	Y	33 1/16	43 3/4	19.04
6 ⁰ 4 ⁶	72	54	71 1/2	53 1/2	32 1/8	51 5/16	11.45	Y	Y	33 1/16	49 3/4	21.71
6 ⁰ 5 ⁰	72	60	71 1/2	59 1/2	32 1/8	57 5/16	12.79	Y	Y	33 1/16	55 3/4	24.38
6 ⁰ 6 ⁰	72	72	71 1/2	71 1/2	32 1/8	69 5/16	15.46	Y	Y	33 1/16	67 3/4	29.72

Clear Opening and Egress

Rev: 11.21.17

Egress Requirements	Min. Width	Min. Height	Min. Sq.Ft.
United States	20"	24"	5.70
Canada	15"	15"	3.77

Size	VS	Rough Opening		Net Size		Clear Opening		Clear Opening Sq. Ft.	Egress Compliance		Glass Size - Vent		Glass Size - Fixed		Total Visible Glass Sq. Ft.
		Width	Height	Width	Height	Width	Height		U.S.	Canada	Width	Height	Width	Height	
3 0 1 6	12	36	18	35 1/2	17 1/2	9 1/8	15 5/16	0.97	-	-	9 1/16	13 3/4	21 1/16	13 3/4	2.49
3 0 2 0	12	36	24	35 1/2	23 1/2	9 1/8	21 5/16	1.35	-	-	9 1/16	19 3/4	21 1/16	19 3/4	3.66
3 0 2 6	12	36	30	35 1/2	29 1/2	9 1/8	27 5/16	1.73	-	-	9 1/16	25 3/4	21 1/16	25 3/4	4.83
3 0 3 0	12	36	36	35 1/2	35 1/2	9 1/8	33 5/16	2.11	-	-	9 1/16	31 3/4	21 1/16	31 3/4	6.01
3 0 3 6	12	36	42	35 1/2	41 1/2	9 1/8	39 5/16	2.49	-	-	9 1/16	37 3/4	21 1/16	37 3/4	7.18
3 0 4 6	12	36	54	35 1/2	53 1/2	9 1/8	51 5/16	3.25	-	-	9 1/16	49 3/4	21 1/16	49 3/4	9.52
3 0 5 0	12	36	60	35 1/2	59 1/2	9 1/8	57 5/16	3.63	-	-	9 1/16	55 3/4	21 1/16	55 3/4	10.69
4 0 1 6	16	48	18	47 1/2	17 1/2	13 1/8	15 5/16	1.40	-	-	13 1/16	13 3/4	29 1/16	13 3/4	3.55
4 0 2 0	16	48	24	47 1/2	23 1/2	13 1/8	21 5/16	1.94	-	-	13 1/16	19 3/4	29 1/16	19 3/4	5.22
4 0 2 6	16	48	30	47 1/2	29 1/2	13 1/8	27 5/16	2.49	-	-	13 1/16	25 3/4	29 1/16	25 3/4	6.90
4 0 3 0	16	48	36	47 1/2	35 1/2	13 1/8	33 5/16	3.04	-	-	13 1/16	31 3/4	29 1/16	31 3/4	8.57
4 0 3 6	16	48	42	47 1/2	41 1/2	13 1/8	39 5/16	3.58	-	-	13 1/16	37 3/4	29 1/16	37 3/4	10.24
4 0 4 0	16	48	48	47 1/2	47 1/2	13 1/8	45 5/16	4.13	-	-	13 1/16	43 3/4	29 1/16	43 3/4	11.91
4 0 4 6	16	48	54	47 1/2	53 1/2	13 1/8	51 5/16	4.68	-	-	13 1/16	49 3/4	29 1/16	49 3/4	13.58
4 0 5 0	16	48	60	47 1/2	59 1/2	13 1/8	57 5/16	5.22	-	-	13 1/16	55 3/4	29 1/16	55 3/4	15.26
5 0 1 6	20	60	18	59 1/2	17 1/2	17 1/8	15 5/16	1.82	-	-	17 1/16	13 3/4	37 1/16	13 3/4	4.62
5 0 2 0	20	60	24	59 1/2	23 1/2	17 1/8	21 5/16	2.53	-	-	17 1/16	19 3/4	37 1/16	19 3/4	6.79
5 0 2 6	20	60	30	59 1/2	29 1/2	17 1/8	27 5/16	3.25	-	-	17 1/16	25 3/4	37 1/16	25 3/4	8.96
5 0 3 0	20	60	36	59 1/2	35 1/2	17 1/8	33 5/16	3.96	-	Y	17 1/16	31 3/4	37 1/16	31 3/4	11.13
5 0 3 6	20	60	42	59 1/2	41 1/2	17 1/8	39 5/16	4.68	-	Y	17 1/16	37 3/4	37 1/16	37 3/4	13.30
5 0 4 0	20	60	48	59 1/2	47 1/2	17 1/8	45 5/16	5.39	-	Y	17 1/16	43 3/4	37 1/16	43 3/4	15.47
5 0 4 6	20	60	54	59 1/2	53 1/2	17 1/8	51 5/16	6.10	-	Y	17 1/16	49 3/4	37 1/16	49 3/4	17.65
5 0 5 0	20	60	60	59 1/2	59 1/2	17 1/8	57 5/16	6.82	-	Y	17 1/16	55 3/4	37 1/16	55 3/4	19.82
5 0 6 0	20	60	72	59 1/2	71 1/2	17 1/8	69 5/16	8.24	-	Y	17 1/16	67 3/4	37 1/16	67 3/4	24.16
6 0 1 6	24	72	18	71 1/2	17 1/2	21 1/8	15 5/16	2.25	-	-	21 1/16	13 3/4	45 1/16	13 3/4	5.68
6 0 2 0	24	72	24	71 1/2	23 1/2	21 1/8	21 5/16	3.13	-	-	21 1/16	19 3/4	45 1/16	19 3/4	8.35
6 0 2 6	24	72	30	71 1/2	29 1/2	21 1/8	27 5/16	4.01	-	Y	21 1/16	25 3/4	45 1/16	25 3/4	11.02
6 0 3 0	24	72	36	71 1/2	35 1/2	21 1/8	33 5/16	4.89	-	Y	21 1/16	31 3/4	45 1/16	31 3/4	13.69
6 0 3 6	24	72	42	71 1/2	41 1/2	21 1/8	39 5/16	5.77	Y	Y	21 1/16	37 3/4	45 1/16	37 3/4	16.37
6 0 4 0	24	72	48	71 1/2	47 1/2	21 1/8	45 5/16	6.65	Y	Y	21 1/16	43 3/4	45 1/16	43 3/4	19.04
6 0 4 6	24	72	54	71 1/2	53 1/2	21 1/8	51 5/16	7.53	Y	Y	21 1/16	49 3/4	45 1/16	49 3/4	21.71
6 0 5 0	24	72	60	71 1/2	59 1/2	21 1/8	57 5/16	8.41	Y	Y	21 1/16	55 3/4	45 1/16	55 3/4	24.38
6 0 6 0	24	72	72	71 1/2	71 1/2	21 1/8	69 5/16	10.17	Y	Y	21 1/16	67 3/4	45 1/16	67 3/4	29.72

Clear Opening and Egress



Rev: 11.21.17

Egress Requirements	Min. Width	Min. Height	Min. Sq.Ft.
United States	20"	24"	5.70
Canada	15"	15"	3.77

Size	BS	Rough Opening		Net Size		Clear Opening		Clear Opening Sq. Ft.	Egress Compliance		Glass Size - Vent & Fixed		Glass Size - PW		Total Visible Glass Sq. Ft.
		Width	Height	Width	Height	Width	Height		U.S.	Canada	Width	Height	Width	Height	
3 ⁰ 5 ⁰	24	36	60	35 1/2	59 1/2	14 1/8	21 5/16	2.09	-	-	15 1/16	19 3/4	31 3/4	31 3/4	10.23
3 ⁰ 6 ⁰	36	36	72	35 1/2	71 1/2	14 1/8	33 5/16	3.27	-	-	15 1/16	31 3/4	31 3/4	31 3/4	12.57
3 ⁰ 7 ⁰	48	36	84	35 1/2	83 1/2	14 1/8	45 5/16	4.44	-	-	15 1/16	43 3/4	31 3/4	31 3/4	14.92
3 ⁰ 8 ⁰	60	36	96	35 1/2	95 1/2	14 1/8	57 5/16	5.62	-	-	15 1/16	55 3/4	31 3/4	31 3/4	17.26
4 ⁰ 5 ⁰	24	48	60	47 1/2	59 1/2	20 1/8	21 5/16	2.98	-	-	21 1/16	19 3/4	43 3/4	31 3/4	14.35
4 ⁰ 6 ⁰	36	48	72	47 1/2	71 1/2	20 1/8	33 5/16	4.66	-	Y	21 1/16	31 3/4	43 3/4	31 3/4	17.70
4 ⁰ 7 ⁰	48	48	84	47 1/2	83 1/2	20 1/8	45 5/16	6.33	Y	Y	21 1/16	43 3/4	43 3/4	31 3/4	21.04
4 ⁰ 8 ⁰	60	48	96	47 1/2	95 1/2	20 1/8	57 5/16	8.01	Y	Y	21 1/16	55 3/4	43 3/4	31 3/4	24.38
5 ⁰ 5 ⁰	24	60	60	59 1/2	59 1/2	26 1/8	21 5/16	3.87	-	Y	27 1/16	19 3/4	55 3/4	31 3/4	18.48
5 ⁰ 6 ⁰	36	60	72	59 1/2	71 1/2	26 1/8	33 5/16	6.04	Y	Y	27 1/16	31 3/4	55 3/4	31 3/4	22.82
5 ⁰ 7 ⁰	48	60	84	59 1/2	83 1/2	26 1/8	45 5/16	8.22	Y	Y	27 1/16	43 3/4	55 3/4	31 3/4	27.17
5 ⁰ 8 ⁰	60	60	96	59 1/2	95 1/2	26 1/8	57 5/16	10.40	Y	Y	27 1/16	55 3/4	55 3/4	31 3/4	31.51
6 ⁰ 5 ⁰	24	72	60	71 1/2	59 1/2	32 1/8	21 5/16	4.75	-	Y	33 1/16	19 3/4	67 3/4	31 3/4	22.60
6 ⁰ 6 ⁰	36	72	72	71 1/2	71 1/2	32 1/8	33 5/16	7.43	Y	Y	33 1/16	31 3/4	67 3/4	31 3/4	27.95
6 ⁰ 7 ⁰	48	72	84	71 1/2	83 1/2	32 1/8	45 5/16	10.11	Y	Y	33 1/16	43 3/4	67 3/4	31 3/4	33.29

Clear Opening and Egress

Egress Requirements	Min. Width	Min. Height	Min. Sq.Ft.
United States	20"	24"	5.70
Canada	15"	15"	3.77

Size	VS	Rough Opening		Net Size		Clear Opening		Clear Opening Sq. Ft.	Egress Compliance		Glass Size - Vent		Glass Size - Fixed		Total Visible Glass Sq. Ft.
		Width	Height	Width	Height	Width	Height		U.S.	Canada	Width	Height	Width	Height	
6 ⁰ 2 ⁰	18	72	24	71 1/2	23 1/2	15 1/8	21 5/16	2.24	-	-	15 1/16	19 3/4	34 1/2	19 3/4	8.02
6 ⁰ 2 ⁶	18	72	30	71 1/2	29 1/2	15 1/8	27 5/16	2.87	-	-	15 1/16	25 3/4	34 1/2	25 3/4	10.59
6 ⁰ 3 ⁰	18	72	36	71 1/2	35 1/2	15 1/8	33 5/16	3.50	-	-	15 1/16	31 3/4	34 1/2	31 3/4	13.16
6 ⁰ 3 ⁶	18	72	42	71 1/2	41 1/2	15 1/8	39 5/16	4.13	-	Y	15 1/16	37 3/4	34 1/2	37 3/4	15.73
6 ⁰ 4 ⁰	18	72	48	71 1/2	47 1/2	15 1/8	45 5/16	4.76	-	Y	15 1/16	43 3/4	34 1/2	43 3/4	18.29
6 ⁰ 4 ⁶	18	72	54	71 1/2	53 1/2	15 1/8	51 5/16	5.39	-	Y	15 1/16	49 3/4	34 1/2	49 3/4	20.86
6 ⁰ 5 ⁰	18	72	60	71 1/2	59 1/2	15 1/8	57 5/16	6.02	-	Y	15 1/16	55 3/4	34 1/2	55 3/4	23.43
6 ⁰ 6 ⁰	18	72	72	71 1/2	71 1/2	15 1/8	69 5/16	7.28	-	Y	15 1/16	67 3/4	34 1/2	67 3/4	28.57
7 ⁰ 2 ⁰	21	84	24	83 1/2	23 1/2	18 1/8	21 5/16	2.68	-	-	18 1/16	19 3/4	40 1/2	19 3/4	9.59
7 ⁰ 2 ⁶	21	84	30	83 1/2	29 1/2	18 1/8	27 5/16	3.44	-	-	18 1/16	25 3/4	40 1/2	25 3/4	12.65
7 ⁰ 3 ⁰	21	84	36	83 1/2	35 1/2	18 1/8	33 5/16	4.19	-	Y	18 1/16	31 3/4	40 1/2	31 3/4	15.72
7 ⁰ 3 ⁶	21	84	42	83 1/2	41 1/2	18 1/8	39 5/16	4.95	-	Y	18 1/16	37 3/4	40 1/2	37 3/4	18.79
7 ⁰ 4 ⁰	21	84	48	83 1/2	47 1/2	18 1/8	45 5/16	5.70	-	Y	18 1/16	43 3/4	40 1/2	43 3/4	21.86
7 ⁰ 4 ⁶	21	84	54	83 1/2	53 1/2	18 1/8	51 5/16	6.46	-	Y	18 1/16	49 3/4	40 1/2	49 3/4	24.93
7 ⁰ 5 ⁰	21	84	60	83 1/2	59 1/2	18 1/8	57 5/16	7.21	-	Y	18 1/16	55 3/4	40 1/2	55 3/4	27.99
7 ⁰ 6 ⁰	21	84	72	83 1/2	71 1/2	18 1/8	69 5/16	8.72	-	Y	18 1/16	67 3/4	40 1/2	67 3/4	34.13
8 ⁰ 2 ⁰	24	96	24	95 1/2	23 1/2	21 1/8	21 5/16	3.13	-	-	21 1/16	19 3/4	46 1/2	19 3/4	11.15
8 ⁰ 2 ⁶	24	96	30	95 1/2	29 1/2	21 1/8	27 5/16	4.01	-	Y	21 1/16	25 3/4	46 1/2	25 3/4	14.72
8 ⁰ 3 ⁰	24	96	36	95 1/2	35 1/2	21 1/8	33 5/16	4.89	-	Y	21 1/16	31 3/4	46 1/2	31 3/4	18.28
8 ⁰ 3 ⁶	24	96	42	95 1/2	41 1/2	21 1/8	39 5/16	5.77	Y	Y	21 1/16	37 3/4	46 1/2	37 3/4	21.85
8 ⁰ 4 ⁰	24	96	48	95 1/2	47 1/2	21 1/8	45 5/16	6.65	Y	Y	21 1/16	43 3/4	46 1/2	43 3/4	25.42
8 ⁰ 4 ⁶	24	96	54	95 1/2	53 1/2	21 1/8	51 5/16	7.53	Y	Y	21 1/16	49 3/4	46 1/2	49 3/4	28.99
8 ⁰ 5 ⁰	24	96	60	95 1/2	59 1/2	21 1/8	57 5/16	8.41	Y	Y	21 1/16	55 3/4	46 1/2	55 3/4	32.56
8 ⁰ 6 ⁰	24	96	72	95 1/2	71 1/2	21 1/8	69 5/16	10.17	Y	Y	21 1/16	67 3/4	46 1/2	67 3/4	39.69
10 ⁰ 2 ⁰	30	120	24	119 1/2	23 1/2	27 1/8	21 5/16	4.01	-	Y	27 1/16	19 3/4	58 1/2	19 3/4	14.27
10 ⁰ 2 ⁶	30	120	30	119 1/2	29 1/2	27 1/8	27 5/16	5.14	-	Y	27 1/16	25 3/4	58 1/2	25 3/4	18.84
10 ⁰ 3 ⁰	30	120	36	119 1/2	35 1/2	27 1/8	33 5/16	6.28	Y	Y	27 1/16	31 3/4	58 1/2	31 3/4	23.41
10 ⁰ 3 ⁶	30	120	42	119 1/2	41 1/2	27 1/8	39 5/16	7.41	Y	Y	27 1/16	37 3/4	58 1/2	37 3/4	27.98
10 ⁰ 4 ⁰	30	120	48	119 1/2	47 1/2	27 1/8	45 5/16	8.54	Y	Y	27 1/16	43 3/4	58 1/2	43 3/4	32.54
10 ⁰ 4 ⁶	30	120	54	119 1/2	53 1/2	27 1/8	51 5/16	9.67	Y	Y	27 1/16	49 3/4	58 1/2	49 3/4	37.11
10 ⁰ 5 ⁰	30	120	60	119 1/2	59 1/2	27 1/8	57 5/16	10.80	Y	Y	27 1/16	55 3/4	58 1/2	55 3/4	41.68
10 ⁰ 6 ⁰	30	120	72	119 1/2	71 1/2	27 1/8	69 5/16	13.06	Y	Y	27 1/16	67 3/4	58 1/2	67 3/4	50.82

Clear Opening and Egress

Egress Requirements	Min. Width	Min. Height	Min. Sq.Ft.
United States	20"	24"	5.70
Canada	15"	15"	3.77

Size	VS	BS	Rough Opening		Net Size		Clear Opening		Clear Opening Sq. Ft.	Egress Compliance		Glass Size - Vent		Glass Size - Fixed		Glass Size - PW		Total Visible Glass Sq. Ft.
			Width	Height	Width	Height	Width	Height		U.S.	Canada	Width	Height	Width	Height	Width	Height	
6 ⁰ 5 ⁰	18	36	72	60	71 1/2	59 1/2	15 1/8	33 5/16	3.50	-	-	15 1/16	31 3/4	34 1/2	31 3/4	67 3/4	19 3/4	21.85
6 ⁰ 6 ⁰	18	48	72	72	71 1/2	71 1/2	15 1/8	45 5/16	4.76	-	Y	15 1/16	43 3/4	34 1/2	43 3/4	67 3/4	19 3/4	26.99
6 ⁰ 7 ⁰	18	60	72	84	71 1/2	83 1/2	15 1/8	57 5/16	6.02	-	Y	15 1/16	55 3/4	34 1/2	55 3/4	67 3/4	19 3/4	32.12
7 ⁰ 5 ⁰	21	36	84	60	83 1/2	59 1/2	18 1/8	33 5/16	4.19	-	Y	18 1/16	31 3/4	40 1/2	31 3/4	79 3/4	19 3/4	25.98
7 ⁰ 6 ⁰	21	48	84	72	83 1/2	71 1/2	18 1/8	45 5/16	5.70	-	Y	18 1/16	43 3/4	40 1/2	43 3/4	79 3/4	19 3/4	32.11
7 ⁰ 7 ⁰	21	60	84	84	83 1/2	83 1/2	18 1/8	57 5/16	7.21	-	Y	18 1/16	55 3/4	40 1/2	55 3/4	79 3/4	19 3/4	38.25
8 ⁰ 5 ⁰	24	36	96	60	95 1/2	59 1/2	21 1/8	33 5/16	4.89	-	Y	21 1/16	31 3/4	46 1/2	31 3/4	91 3/4	19 3/4	30.10
8 ⁰ 6 ⁰	24	48	96	72	95 1/2	71 1/2	21 1/8	45 5/16	6.65	Y	Y	21 1/16	43 3/4	46 1/2	43 3/4	91 3/4	19 3/4	37.24
8 ⁰ 7 ⁰	24	60	96	84	95 1/2	83 1/2	21 1/8	57 5/16	8.41	Y	Y	21 1/16	55 3/4	46 1/2	55 3/4	91 3/4	19 3/4	44.37