

Visible Glass

Rev: 9/28/15

| 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 | | Total Visible Glass Sq. Ft. |
|-------------------------------|---------------|--------|----------|--------|---------------|--------|--------------------------|-------------------|--------|------------|--------|--------------------------------|
| | Width | Height | Width | Height | Width | Height | | U.S. | Canada | Width | Height | |
| 1 ⁰ 1 ⁰ | 12 | 12 | 11 1/2 | 11 1/2 | - | - | - | - | - | 6 5/8 | 6 5/8 | 0.22 |
| 1 ⁰ 2 ⁰ | 12 | 24 | 11 1/2 | 23 1/2 | - | - | - | - | - | 6 5/8 | 18 5/8 | 0.69 |
| 1 ⁰ 2 ⁶ | 12 | 30 | 11 1/2 | 29 1/2 | - | - | - | - | - | 6 5/8 | 24 5/8 | 0.92 |
| 1 ⁰ 3 ⁰ | 12 | 36 | 11 1/2 | 35 1/2 | - | - | - | - | - | 6 5/8 | 30 5/8 | 1.16 |
| 1 ⁰ 3 ⁶ | 12 | 42 | 11 1/2 | 41 1/2 | - | - | - | - | - | 6 5/8 | 36 5/8 | 1.39 |
| 1 ⁰ 4 ⁰ | 12 | 48 | 11 1/2 | 47 1/2 | - | - | - | - | - | 6 5/8 | 42 5/8 | 1.63 |
| 1 ⁰ 4 ⁶ | 12 | 54 | 11 1/2 | 53 1/2 | - | - | - | - | - | 6 5/8 | 48 5/8 | 1.86 |
| 1 ⁰ 5 ⁰ | 12 | 60 | 11 1/2 | 59 1/2 | - | - | - | - | - | 6 5/8 | 54 5/8 | 2.09 |
| 1 ⁰ 5 ⁶ | 12 | 66 | 11 1/2 | 65 1/2 | - | - | - | - | - | 6 5/8 | 60 5/8 | 2.33 |
| 1 ⁰ 6 ⁰ | 12 | 72 | 11 1/2 | 71 1/2 | - | - | - | - | - | 6 5/8 | 66 5/8 | 2.56 |
| 1 ⁶ 1 ⁶ | 18 | 18 | 17 1/2 | 17 1/2 | - | - | - | - | - | 12 5/8 | 12 5/8 | 0.94 |
| 1 ⁶ 2 ⁰ | 18 | 24 | 17 1/2 | 23 1/2 | - | - | - | - | - | 12 5/8 | 18 5/8 | 1.42 |
| 1 ⁶ 2 ⁶ | 18 | 30 | 17 1/2 | 29 1/2 | - | - | - | - | - | 12 5/8 | 24 5/8 | 1.91 |
| 1 ⁶ 3 ⁰ | 18 | 36 | 17 1/2 | 35 1/2 | - | - | - | - | - | 12 5/8 | 30 5/8 | 2.39 |
| 1 ⁶ 3 ⁶ | 18 | 42 | 17 1/2 | 41 1/2 | - | - | - | - | - | 12 5/8 | 36 5/8 | 2.88 |
| 1 ⁶ 4 ⁰ | 18 | 48 | 17 1/2 | 47 1/2 | - | - | - | - | - | 12 5/8 | 42 5/8 | 3.36 |
| 1 ⁶ 4 ⁶ | 18 | 54 | 17 1/2 | 53 1/2 | - | - | - | - | - | 12 5/8 | 48 5/8 | 3.84 |
| 1 ⁶ 5 ⁰ | 18 | 60 | 17 1/2 | 59 1/2 | - | - | - | - | - | 12 5/8 | 54 5/8 | 4.33 |
| 1 ⁶ 5 ⁶ | 18 | 66 | 17 1/2 | 65 1/2 | - | - | - | - | - | 12 5/8 | 60 5/8 | 4.81 |
| 1 ⁶ 6 ⁰ | 18 | 72 | 17 1/2 | 71 1/2 | - | - | - | - | - | 12 5/8 | 66 5/8 | 5.30 |
| 2 ⁰ 2 ⁰ | 24 | 24 | 23 1/2 | 23 1/2 | - | - | - | - | - | 18 5/8 | 18 5/8 | 2.16 |
| 2 ⁰ 2 ⁶ | 24 | 30 | 23 1/2 | 29 1/2 | - | - | - | - | - | 18 5/8 | 24 5/8 | 2.89 |
| 2 ⁰ 3 ⁰ | 24 | 36 | 23 1/2 | 35 1/2 | - | - | - | - | - | 18 5/8 | 30 5/8 | 3.63 |
| 2 ⁰ 3 ⁶ | 24 | 42 | 23 1/2 | 41 1/2 | - | - | - | - | - | 18 5/8 | 36 5/8 | 4.36 |
| 2 ⁰ 4 ⁰ | 24 | 48 | 23 1/2 | 47 1/2 | - | - | - | - | - | 18 5/8 | 42 5/8 | 5.09 |
| 2 ⁰ 4 ⁶ | 24 | 54 | 23 1/2 | 53 1/2 | - | - | - | - | - | 18 5/8 | 48 5/8 | 5.83 |
| 2 ⁰ 5 ⁰ | 24 | 60 | 23 1/2 | 59 1/2 | - | - | - | - | - | 18 5/8 | 54 5/8 | 6.56 |
| 2 ⁰ 5 ⁶ | 24 | 66 | 23 1/2 | 65 1/2 | - | - | - | - | - | 18 5/8 | 60 5/8 | 7.30 |
| 2 ⁰ 6 ⁰ | 24 | 72 | 23 1/2 | 71 1/2 | - | - | - | - | - | 18 5/8 | 66 5/8 | 8.03 |
| 2 ⁶ 2 ⁰ | 30 | 24 | 29 1/2 | 23 1/2 | - | - | - | - | - | 24 5/8 | 18 5/8 | 2.89 |
| 2 ⁶ 2 ⁶ | 30 | 30 | 29 1/2 | 29 1/2 | - | - | - | - | - | 24 5/8 | 24 5/8 | 3.88 |
| 2 ⁶ 3 ⁰ | 30 | 36 | 29 1/2 | 35 1/2 | - | - | - | - | - | 24 5/8 | 30 5/8 | 4.86 |
| 2 ⁶ 4 ⁰ | 30 | 48 | 29 1/2 | 47 1/2 | - | - | - | - | - | 24 5/8 | 42 5/8 | 6.83 |
| 2 ⁶ 4 ⁶ | 30 | 54 | 29 1/2 | 53 1/2 | - | - | - | - | - | 24 5/8 | 48 5/8 | 7.81 |
| 2 ⁶ 5 ⁰ | 30 | 60 | 29 1/2 | 59 1/2 | - | - | - | - | - | 24 5/8 | 54 5/8 | 8.80 |
| 2 ⁶ 5 ⁶ | 30 | 66 | 29 1/2 | 65 1/2 | - | - | - | - | - | 24 5/8 | 60 5/8 | 9.78 |
| 2 ⁶ 6 ⁰ | 30 | 72 | 29 1/2 | 71 1/2 | - | - | - | - | - | 24 5/8 | 66 5/8 | 10.77 |
| 3 ⁰ 2 ⁰ | 36 | 24 | 35 1/2 | 23 1/2 | - | - | - | - | - | 30 5/8 | 18 5/8 | 3.63 |
| 3 ⁰ 2 ⁶ | 36 | 30 | 35 1/2 | 29 1/2 | - | - | - | - | - | 30 5/8 | 24 5/8 | 4.86 |
| 3 ⁰ 3 ⁰ | 36 | 36 | 35 1/2 | 35 1/2 | - | - | - | - | - | 30 5/8 | 30 5/8 | 6.09 |
| 3 ⁰ 3 ⁶ | 36 | 42 | 35 1/2 | 41 1/2 | - | - | - | - | - | 30 5/8 | 36 5/8 | 7.33 |
| 3 ⁰ 4 ⁰ | 36 | 48 | 35 1/2 | 47 1/2 | - | - | - | - | - | 30 5/8 | 42 5/8 | 8.56 |
| 3 ⁰ 4 ⁶ | 36 | 54 | 35 1/2 | 53 1/2 | - | - | - | - | - | 30 5/8 | 48 5/8 | 9.80 |
| 3 ⁰ 5 ⁰ | 36 | 60 | 35 1/2 | 59 1/2 | - | - | - | - | - | 30 5/8 | 54 5/8 | 11.03 |
| 3 ⁰ 5 ⁶ | 36 | 66 | 35 1/2 | 65 1/2 | - | - | - | - | - | 30 5/8 | 60 5/8 | 12.27 |
| 3 ⁰ 6 ⁰ | 36 | 72 | 35 1/2 | 71 1/2 | - | - | - | - | - | 30 5/8 | 66 5/8 | 13.50 |

Visible Glass

Rev: 9/28/15

| 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 | | Total Visible Glass Sq. Ft. |
|--------------------------------|---------------|--------|----------|--------|---------------|--------|--------------------------|-------------------|--------|------------|--------|--------------------------------|
| | Width | Height | Width | Height | Width | Height | | U.S. | Canada | Width | Height | |
| 4 ⁰ 2 ⁰ | 48 | 24 | 47 1/2 | 23 1/2 | - | - | - | - | - | 42 5/8 | 18 5/8 | 5.09 |
| 4 ⁰ 2 ⁶ | 48 | 30 | 47 1/2 | 29 1/2 | - | - | - | - | - | 42 5/8 | 24 5/8 | 6.83 |
| 4 ⁰ 3 ⁰ | 48 | 36 | 47 1/2 | 35 1/2 | - | - | - | - | - | 42 5/8 | 30 5/8 | 8.56 |
| 4 ⁰ 3 ⁶ | 48 | 42 | 47 1/2 | 41 1/2 | - | - | - | - | - | 42 5/8 | 36 5/8 | 10.30 |
| 4 ⁰ 4 ⁰ | 48 | 48 | 47 1/2 | 47 1/2 | - | - | - | - | - | 42 5/8 | 42 5/8 | 12.03 |
| 4 ⁰ 4 ⁶ | 48 | 54 | 47 1/2 | 53 1/2 | - | - | - | - | - | 42 5/8 | 48 5/8 | 13.77 |
| 4 ⁰ 5 ⁰ | 48 | 60 | 47 1/2 | 59 1/2 | - | - | - | - | - | 42 5/8 | 54 5/8 | 15.50 |
| 4 ⁰ 5 ⁶ | 48 | 66 | 47 1/2 | 65 1/2 | - | - | - | - | - | 42 5/8 | 60 5/8 | 17.24 |
| 4 ⁰ 6 ⁰ | 48 | 72 | 47 1/2 | 71 1/2 | - | - | - | - | - | 42 5/8 | 66 5/8 | 18.97 |
| 5 ⁰ 2 ⁰ | 60 | 24 | 59 1/2 | 23 1/2 | - | - | - | - | - | 54 5/8 | 18 5/8 | 6.56 |
| 5 ⁰ 2 ⁶ | 60 | 30 | 59 1/2 | 29 1/2 | - | - | - | - | - | 54 5/8 | 24 5/8 | 8.80 |
| 5 ⁰ 3 ⁰ | 60 | 36 | 59 1/2 | 35 1/2 | - | - | - | - | - | 54 5/8 | 30 5/8 | 11.03 |
| 5 ⁰ 3 ⁶ | 60 | 42 | 59 1/2 | 41 1/2 | - | - | - | - | - | 54 5/8 | 36 5/8 | 13.27 |
| 5 ⁰ 4 ⁰ | 60 | 48 | 59 1/2 | 47 1/2 | - | - | - | - | - | 54 5/8 | 42 5/8 | 15.50 |
| 5 ⁰ 4 ⁶ | 60 | 54 | 59 1/2 | 53 1/2 | - | - | - | - | - | 54 5/8 | 48 5/8 | 17.74 |
| 5 ⁰ 5 ⁰ | 60 | 60 | 59 1/2 | 59 1/2 | - | - | - | - | - | 54 5/8 | 54 5/8 | 19.97 |
| 5 ⁰ 5 ⁶ | 60 | 66 | 59 1/2 | 65 1/2 | - | - | - | - | - | 54 5/8 | 60 5/8 | 22.20 |
| 5 ⁰ 6 ⁰ | 60 | 72 | 59 1/2 | 71 1/2 | - | - | - | - | - | 54 5/8 | 66 5/8 | 24.44 |
| 6 ⁰ 2 ⁰ | 72 | 24 | 71 1/2 | 23 1/2 | - | - | - | - | - | 66 5/8 | 18 5/8 | 8.03 |
| 6 ⁰ 2 ⁶ | 72 | 30 | 71 1/2 | 29 1/2 | - | - | - | - | - | 66 5/8 | 24 5/8 | 10.77 |
| 6 ⁰ 3 ⁰ | 72 | 36 | 71 1/2 | 35 1/2 | - | - | - | - | - | 66 5/8 | 30 5/8 | 13.50 |
| 6 ⁰ 3 ⁶ | 72 | 42 | 71 1/2 | 41 1/2 | - | - | - | - | - | 66 5/8 | 36 5/8 | 16.24 |
| 6 ⁰ 4 ⁰ | 72 | 48 | 71 1/2 | 47 1/2 | - | - | - | - | - | 66 5/8 | 42 5/8 | 18.97 |
| 6 ⁰ 4 ⁶ | 72 | 54 | 71 1/2 | 53 1/2 | - | - | - | - | - | 66 5/8 | 48 5/8 | 21.70 |
| 6 ⁰ 5 ⁰ | 72 | 60 | 71 1/2 | 59 1/2 | - | - | - | - | - | 66 5/8 | 54 5/8 | 24.44 |
| 6 ⁰ 5 ⁶ | 72 | 66 | 71 1/2 | 65 1/2 | - | - | - | - | - | 66 5/8 | 60 5/8 | 27.17 |
| 6 ⁰ 6 ⁰ | 72 | 72 | 71 1/2 | 71 1/2 | - | - | - | - | - | 66 5/8 | 66 5/8 | 29.91 |
| 7 ⁰ 2 ⁰ | 84 | 24 | 83 1/2 | 23 1/2 | - | - | - | - | - | 78 5/8 | 18 5/8 | 9.50 |
| 7 ⁰ 2 ⁶ | 84 | 30 | 83 1/2 | 29 1/2 | - | - | - | - | - | 78 5/8 | 24 5/8 | 12.74 |
| 7 ⁰ 3 ⁰ | 84 | 36 | 83 1/2 | 35 1/2 | - | - | - | - | - | 78 5/8 | 30 5/8 | 15.97 |
| 7 ⁰ 3 ⁶ | 84 | 42 | 83 1/2 | 41 1/2 | - | - | - | - | - | 78 5/8 | 36 5/8 | 19.20 |
| 7 ⁰ 4 ⁰ | 84 | 48 | 83 1/2 | 47 1/2 | - | - | - | - | - | 78 5/8 | 42 5/8 | 22.44 |
| 7 ⁰ 4 ⁶ | 84 | 54 | 83 1/2 | 53 1/2 | - | - | - | - | - | 78 5/8 | 48 5/8 | 25.67 |
| 7 ⁰ 5 ⁰ | 84 | 60 | 83 1/2 | 59 1/2 | - | - | - | - | - | 78 5/8 | 54 5/8 | 28.91 |
| 7 ⁰ 6 ⁰ | 84 | 72 | 83 1/2 | 71 1/2 | - | - | - | - | - | 78 5/8 | 66 5/8 | 35.38 |
| 8 ⁰ 2 ⁰ | 96 | 24 | 95 1/2 | 23 1/2 | - | - | - | - | - | 90 5/8 | 18 5/8 | 10.97 |
| 8 ⁰ 2 ⁶ | 96 | 30 | 95 1/2 | 29 1/2 | - | - | - | - | - | 90 5/8 | 24 5/8 | 14.70 |
| 8 ⁰ 3 ⁰ | 96 | 36 | 95 1/2 | 35 1/2 | - | - | - | - | - | 90 5/8 | 30 5/8 | 18.44 |
| 8 ⁰ 3 ⁶ | 96 | 42 | 95 1/2 | 41 1/2 | - | - | - | - | - | 90 5/8 | 36 5/8 | 22.17 |
| 8 ⁰ 4 ⁰ | 96 | 48 | 95 1/2 | 47 1/2 | - | - | - | - | - | 90 5/8 | 42 5/8 | 25.91 |
| 8 ⁰ 4 ⁶ | 96 | 54 | 95 1/2 | 53 1/2 | - | - | - | - | - | 90 5/8 | 48 5/8 | 29.64 |
| 8 ⁰ 5 ⁰ | 96 | 60 | 95 1/2 | 59 1/2 | - | - | - | - | - | 90 5/8 | 54 5/8 | 33.38 |
| 8 ⁰ 5 ⁶ | 96 | 66 | 95 1/2 | 65 1/2 | - | - | - | - | - | 90 5/8 | 60 5/8 | 37.11 |
| 8 ⁰ 6 ⁰ | 96 | 72 | 95 1/2 | 71 1/2 | - | - | - | - | - | 90 5/8 | 66 5/8 | 40.84 |
| 10 ⁰ 2 ⁰ | 120 | 24 | 119 1/2 | 23 1/2 | - | - | - | - | - | 114 5/8 | 18 5/8 | 13.91 |
| 10 ⁰ 2 ⁶ | 120 | 30 | 119 1/2 | 29 1/2 | - | - | - | - | - | 114 5/8 | 24 5/8 | 18.64 |
| 10 ⁰ 3 ⁰ | 120 | 36 | 119 1/2 | 35 1/2 | - | - | - | - | - | 114 5/8 | 30 5/8 | 23.38 |
| 10 ⁰ 3 ⁶ | 120 | 42 | 119 1/2 | 41 1/2 | - | - | - | - | - | 114 5/8 | 36 5/8 | 28.11 |
| 10 ⁰ 4 ⁰ | 120 | 48 | 119 1/2 | 47 1/2 | - | - | - | - | - | 114 5/8 | 42 5/8 | 32.84 |

Visible Glass

Rev: 9/28/15

| 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 | | Total Visible Glass Sq. Ft. |
|-------------------------------|---------------|--------|----------|--------|---------------|--------|--------------------------|-------------------|--------|------------|---------|--------------------------------|
| | Width | Height | Width | Height | Width | Height | | U.S. | Canada | Width | Height | |
| 1 ⁰ 1 ⁰ | 12 | 12 | 11 1/2 | 11 1/2 | - | - | - | - | - | 6 3/16 | 6 3/16 | 0.19 |
| 1 ⁰ 2 ⁰ | 12 | 24 | 11 1/2 | 23 1/2 | - | - | - | - | - | 6 3/16 | 18 3/16 | 0.62 |
| 1 ⁰ 2 ⁶ | 12 | 30 | 11 1/2 | 29 1/2 | - | - | - | - | - | 6 3/16 | 24 3/16 | 0.84 |
| 1 ⁰ 3 ⁰ | 12 | 36 | 11 1/2 | 35 1/2 | - | - | - | - | - | 6 3/16 | 30 3/16 | 1.05 |
| 1 ⁰ 3 ⁶ | 12 | 42 | 11 1/2 | 41 1/2 | - | - | - | - | - | 6 3/16 | 36 3/16 | 1.27 |
| 1 ⁰ 4 ⁰ | 12 | 48 | 11 1/2 | 47 1/2 | - | - | - | - | - | 6 3/16 | 42 3/16 | 1.48 |
| 1 ⁰ 4 ⁶ | 12 | 54 | 11 1/2 | 53 1/2 | - | - | - | - | - | 6 3/16 | 48 3/16 | 1.70 |
| 1 ⁰ 5 ⁰ | 12 | 60 | 11 1/2 | 59 1/2 | - | - | - | - | - | 6 3/16 | 54 3/16 | 1.92 |
| 1 ⁰ 5 ⁶ | 12 | 66 | 11 1/2 | 65 1/2 | - | - | - | - | - | 6 3/16 | 60 3/16 | 2.13 |
| 1 ⁰ 6 ⁰ | 12 | 72 | 11 1/2 | 71 1/2 | - | - | - | - | - | 6 3/16 | 66 3/16 | 2.35 |
| 1 ⁶ 1 ⁶ | 18 | 18 | 17 1/2 | 17 1/2 | - | - | - | - | - | 12 3/16 | 12 3/16 | 0.87 |
| 1 ⁶ 2 ⁰ | 18 | 24 | 17 1/2 | 23 1/2 | - | - | - | - | - | 12 3/16 | 18 3/16 | 1.34 |
| 1 ⁶ 2 ⁶ | 18 | 30 | 17 1/2 | 29 1/2 | - | - | - | - | - | 12 3/16 | 24 3/16 | 1.80 |
| 1 ⁶ 3 ⁰ | 18 | 36 | 17 1/2 | 35 1/2 | - | - | - | - | - | 12 3/16 | 30 3/16 | 2.27 |
| 1 ⁶ 3 ⁶ | 18 | 42 | 17 1/2 | 41 1/2 | - | - | - | - | - | 12 3/16 | 36 3/16 | 2.73 |
| 1 ⁶ 4 ⁰ | 18 | 48 | 17 1/2 | 47 1/2 | - | - | - | - | - | 12 3/16 | 42 3/16 | 3.20 |
| 1 ⁶ 4 ⁶ | 18 | 54 | 17 1/2 | 53 1/2 | - | - | - | - | - | 12 3/16 | 48 3/16 | 3.67 |
| 1 ⁶ 5 ⁰ | 18 | 60 | 17 1/2 | 59 1/2 | - | - | - | - | - | 12 3/16 | 54 3/16 | 4.13 |
| 1 ⁶ 5 ⁶ | 18 | 66 | 17 1/2 | 65 1/2 | - | - | - | - | - | 12 3/16 | 60 3/16 | 4.60 |
| 1 ⁶ 6 ⁰ | 18 | 72 | 17 1/2 | 71 1/2 | - | - | - | - | - | 12 3/16 | 66 3/16 | 5.06 |
| 2 ⁰ 2 ⁰ | 24 | 24 | 23 1/2 | 23 1/2 | - | - | - | - | - | 18 3/16 | 18 3/16 | 2.05 |
| 2 ⁰ 2 ⁶ | 24 | 30 | 23 1/2 | 29 1/2 | - | - | - | - | - | 18 3/16 | 24 3/16 | 2.77 |
| 2 ⁰ 3 ⁰ | 24 | 36 | 23 1/2 | 35 1/2 | - | - | - | - | - | 18 3/16 | 30 3/16 | 3.48 |
| 2 ⁰ 3 ⁶ | 24 | 42 | 23 1/2 | 41 1/2 | - | - | - | - | - | 18 3/16 | 36 3/16 | 4.20 |
| 2 ⁰ 4 ⁰ | 24 | 48 | 23 1/2 | 47 1/2 | - | - | - | - | - | 18 3/16 | 42 3/16 | 4.92 |
| 2 ⁰ 4 ⁶ | 24 | 54 | 23 1/2 | 53 1/2 | - | - | - | - | - | 18 3/16 | 48 3/16 | 5.63 |
| 2 ⁰ 5 ⁰ | 24 | 60 | 23 1/2 | 59 1/2 | - | - | - | - | - | 18 3/16 | 54 3/16 | 6.35 |
| 2 ⁰ 5 ⁶ | 24 | 66 | 23 1/2 | 65 1/2 | - | - | - | - | - | 18 3/16 | 60 3/16 | 7.06 |
| 2 ⁰ 6 ⁰ | 24 | 72 | 23 1/2 | 71 1/2 | - | - | - | - | - | 18 3/16 | 66 3/16 | 7.78 |
| 2 ⁶ 2 ⁰ | 30 | 24 | 29 1/2 | 23 1/2 | - | - | - | - | - | 24 3/16 | 18 3/16 | 2.77 |
| 2 ⁶ 2 ⁶ | 30 | 30 | 29 1/2 | 29 1/2 | - | - | - | - | - | 24 3/16 | 24 3/16 | 3.73 |
| 2 ⁶ 3 ⁰ | 30 | 36 | 29 1/2 | 35 1/2 | - | - | - | - | - | 24 3/16 | 30 3/16 | 4.70 |
| 2 ⁶ 4 ⁰ | 30 | 48 | 29 1/2 | 47 1/2 | - | - | - | - | - | 24 3/16 | 42 3/16 | 6.63 |
| 2 ⁶ 4 ⁶ | 30 | 54 | 29 1/2 | 53 1/2 | - | - | - | - | - | 24 3/16 | 48 3/16 | 7.60 |
| 2 ⁶ 5 ⁰ | 30 | 60 | 29 1/2 | 59 1/2 | - | - | - | - | - | 24 3/16 | 54 3/16 | 8.56 |
| 2 ⁶ 5 ⁶ | 30 | 66 | 29 1/2 | 65 1/2 | - | - | - | - | - | 24 3/16 | 60 3/16 | 9.53 |
| 2 ⁶ 6 ⁰ | 30 | 72 | 29 1/2 | 71 1/2 | - | - | - | - | - | 24 3/16 | 66 3/16 | 10.50 |
| 3 ⁰ 2 ⁰ | 36 | 24 | 35 1/2 | 23 1/2 | - | - | - | - | - | 30 3/16 | 18 3/16 | 3.48 |
| 3 ⁰ 2 ⁶ | 36 | 30 | 35 1/2 | 29 1/2 | - | - | - | - | - | 30 3/16 | 24 3/16 | 4.70 |
| 3 ⁰ 3 ⁰ | 36 | 36 | 35 1/2 | 35 1/2 | - | - | - | - | - | 30 3/16 | 30 3/16 | 5.92 |
| 3 ⁰ 3 ⁶ | 36 | 42 | 35 1/2 | 41 1/2 | - | - | - | - | - | 30 3/16 | 36 3/16 | 7.13 |
| 3 ⁰ 4 ⁰ | 36 | 48 | 35 1/2 | 47 1/2 | - | - | - | - | - | 30 3/16 | 42 3/16 | 8.35 |
| 3 ⁰ 4 ⁶ | 36 | 54 | 35 1/2 | 53 1/2 | - | - | - | - | - | 30 3/16 | 48 3/16 | 9.56 |
| 3 ⁰ 5 ⁰ | 36 | 60 | 35 1/2 | 59 1/2 | - | - | - | - | - | 30 3/16 | 54 3/16 | 10.78 |
| 3 ⁰ 5 ⁶ | 36 | 66 | 35 1/2 | 65 1/2 | - | - | - | - | - | 30 3/16 | 60 3/16 | 12.00 |
| 3 ⁰ 6 ⁰ | 36 | 72 | 35 1/2 | 71 1/2 | - | - | - | - | - | 30 3/16 | 66 3/16 | 13.21 |

Visible Glass

Rev: 9/28/15

| 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 | | Total Visible Glass Sq. Ft. |
|--------------------------------|---------------|--------|----------|--------|---------------|--------|--------------------------|-------------------|--------|------------|---------|--------------------------------|
| | Width | Height | Width | Height | Width | Height | | U.S. | Canada | Width | Height | |
| 4 ⁰ 2 ⁰ | 48 | 24 | 47 1/2 | 23 1/2 | - | - | - | - | - | 42 3/16 | 18 3/16 | 4.92 |
| 4 ⁰ 2 ⁶ | 48 | 30 | 47 1/2 | 29 1/2 | - | - | - | - | - | 42 3/16 | 24 3/16 | 6.63 |
| 4 ⁰ 3 ⁰ | 48 | 36 | 47 1/2 | 35 1/2 | - | - | - | - | - | 42 3/16 | 30 3/16 | 8.35 |
| 4 ⁰ 3 ⁶ | 48 | 42 | 47 1/2 | 41 1/2 | - | - | - | - | - | 42 3/16 | 36 3/16 | 10.06 |
| 4 ⁰ 4 ⁰ | 48 | 48 | 47 1/2 | 47 1/2 | - | - | - | - | - | 42 3/16 | 42 3/16 | 11.78 |
| 4 ⁰ 4 ⁶ | 48 | 54 | 47 1/2 | 53 1/2 | - | - | - | - | - | 42 3/16 | 48 3/16 | 13.50 |
| 4 ⁰ 5 ⁰ | 48 | 60 | 47 1/2 | 59 1/2 | - | - | - | - | - | 42 3/16 | 54 3/16 | 15.21 |
| 4 ⁰ 5 ⁶ | 48 | 66 | 47 1/2 | 65 1/2 | - | - | - | - | - | 42 3/16 | 60 3/16 | 16.93 |
| 4 ⁰ 6 ⁰ | 48 | 72 | 47 1/2 | 71 1/2 | - | - | - | - | - | 42 3/16 | 66 3/16 | 18.65 |
| 5 ⁰ 2 ⁰ | 60 | 24 | 59 1/2 | 23 1/2 | - | - | - | - | - | 54 3/16 | 18 3/16 | 6.35 |
| 5 ⁰ 2 ⁶ | 60 | 30 | 59 1/2 | 29 1/2 | - | - | - | - | - | 54 3/16 | 24 3/16 | 8.56 |
| 5 ⁰ 3 ⁰ | 60 | 36 | 59 1/2 | 35 1/2 | - | - | - | - | - | 54 3/16 | 30 3/16 | 10.78 |
| 5 ⁰ 3 ⁶ | 60 | 42 | 59 1/2 | 41 1/2 | - | - | - | - | - | 54 3/16 | 36 3/16 | 13.00 |
| 5 ⁰ 4 ⁰ | 60 | 48 | 59 1/2 | 47 1/2 | - | - | - | - | - | 54 3/16 | 42 3/16 | 15.21 |
| 5 ⁰ 4 ⁶ | 60 | 54 | 59 1/2 | 53 1/2 | - | - | - | - | - | 54 3/16 | 48 3/16 | 17.43 |
| 5 ⁰ 5 ⁰ | 60 | 60 | 59 1/2 | 59 1/2 | - | - | - | - | - | 54 3/16 | 54 3/16 | 19.65 |
| 5 ⁰ 5 ⁶ | 60 | 66 | 59 1/2 | 65 1/2 | - | - | - | - | - | 54 3/16 | 60 3/16 | 21.86 |
| 5 ⁰ 6 ⁰ | 60 | 72 | 59 1/2 | 71 1/2 | - | - | - | - | - | 54 3/16 | 66 3/16 | 24.08 |
| 6 ⁰ 2 ⁰ | 72 | 24 | 71 1/2 | 23 1/2 | - | - | - | - | - | 66 3/16 | 18 3/16 | 7.78 |
| 6 ⁰ 2 ⁶ | 72 | 30 | 71 1/2 | 29 1/2 | - | - | - | - | - | 66 3/16 | 24 3/16 | 10.50 |
| 6 ⁰ 3 ⁰ | 72 | 36 | 71 1/2 | 35 1/2 | - | - | - | - | - | 66 3/16 | 30 3/16 | 13.21 |
| 6 ⁰ 3 ⁶ | 72 | 42 | 71 1/2 | 41 1/2 | - | - | - | - | - | 66 3/16 | 36 3/16 | 15.93 |
| 6 ⁰ 4 ⁰ | 72 | 48 | 71 1/2 | 47 1/2 | - | - | - | - | - | 66 3/16 | 42 3/16 | 18.65 |
| 6 ⁰ 4 ⁶ | 72 | 54 | 71 1/2 | 53 1/2 | - | - | - | - | - | 66 3/16 | 48 3/16 | 21.36 |
| 6 ⁰ 5 ⁰ | 72 | 60 | 71 1/2 | 59 1/2 | - | - | - | - | - | 66 3/16 | 54 3/16 | 24.08 |
| 6 ⁰ 5 ⁶ | 72 | 66 | 71 1/2 | 65 1/2 | - | - | - | - | - | 66 3/16 | 60 3/16 | 26.79 |
| 6 ⁰ 6 ⁰ | 72 | 72 | 71 1/2 | 71 1/2 | - | - | - | - | - | 66 3/16 | 66 3/16 | 29.51 |
| 7 ⁰ 2 ⁰ | 84 | 24 | 83 1/2 | 23 1/2 | - | - | - | - | - | 78 3/16 | 18 3/16 | 9.21 |
| 7 ⁰ 2 ⁶ | 84 | 30 | 83 1/2 | 29 1/2 | - | - | - | - | - | 78 3/16 | 24 3/16 | 12.43 |
| 7 ⁰ 3 ⁰ | 84 | 36 | 83 1/2 | 35 1/2 | - | - | - | - | - | 78 3/16 | 30 3/16 | 15.65 |
| 7 ⁰ 3 ⁶ | 84 | 42 | 83 1/2 | 41 1/2 | - | - | - | - | - | 78 3/16 | 36 3/16 | 18.86 |
| 7 ⁰ 4 ⁰ | 84 | 48 | 83 1/2 | 47 1/2 | - | - | - | - | - | 78 3/16 | 42 3/16 | 22.08 |
| 7 ⁰ 4 ⁶ | 84 | 54 | 83 1/2 | 53 1/2 | - | - | - | - | - | 78 3/16 | 48 3/16 | 25.29 |
| 7 ⁰ 5 ⁰ | 84 | 60 | 83 1/2 | 59 1/2 | - | - | - | - | - | 78 3/16 | 54 3/16 | 28.51 |
| 7 ⁰ 6 ⁰ | 84 | 72 | 83 1/2 | 71 1/2 | - | - | - | - | - | 78 3/16 | 66 3/16 | 34.94 |
| 8 ⁰ 2 ⁰ | 96 | 24 | 95 1/2 | 23 1/2 | - | - | - | - | - | 90 3/16 | 18 3/16 | 10.65 |
| 8 ⁰ 2 ⁶ | 96 | 30 | 95 1/2 | 29 1/2 | - | - | - | - | - | 90 3/16 | 24 3/16 | 14.36 |
| 8 ⁰ 3 ⁰ | 96 | 36 | 95 1/2 | 35 1/2 | - | - | - | - | - | 90 3/16 | 30 3/16 | 18.08 |
| 8 ⁰ 3 ⁶ | 96 | 42 | 95 1/2 | 41 1/2 | - | - | - | - | - | 90 3/16 | 36 3/16 | 21.79 |
| 8 ⁰ 4 ⁰ | 96 | 48 | 95 1/2 | 47 1/2 | - | - | - | - | - | 90 3/16 | 42 3/16 | 25.51 |
| 8 ⁰ 4 ⁶ | 96 | 54 | 95 1/2 | 53 1/2 | - | - | - | - | - | 90 3/16 | 48 3/16 | 29.23 |
| 8 ⁰ 5 ⁰ | 96 | 60 | 95 1/2 | 59 1/2 | - | - | - | - | - | 90 3/16 | 54 3/16 | 32.94 |
| 8 ⁰ 5 ⁶ | 96 | 66 | 95 1/2 | 65 1/2 | - | - | - | - | - | 90 3/16 | 60 3/16 | 36.66 |
| 8 ⁰ 6 ⁰ | 96 | 72 | 95 1/2 | 71 1/2 | - | - | - | - | - | 90 3/16 | 66 3/16 | 40.37 |
| 10 ⁰ 2 ⁰ | 120 | 24 | 119 1/2 | 23 1/2 | - | - | - | - | - | 114 3/16 | 18 3/16 | 13.51 |
| 10 ⁰ 2 ⁶ | 120 | 30 | 119 1/2 | 29 1/2 | - | - | - | - | - | 114 3/16 | 24 3/16 | 18.23 |
| 10 ⁰ 3 ⁰ | 120 | 36 | 119 1/2 | 35 1/2 | - | - | - | - | - | 114 3/16 | 30 3/16 | 22.94 |
| 10 ⁰ 3 ⁶ | 120 | 42 | 119 1/2 | 41 1/2 | - | - | - | - | - | 114 3/16 | 36 3/16 | 27.66 |
| 10 ⁰ 4 ⁰ | 120 | 48 | 119 1/2 | 47 1/2 | - | - | - | - | - | 114 3/16 | 42 3/16 | 32.37 |