

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    | BS | Rough Opening |        | Net Size |        | Clear Opening |        | Clear Opening<br>Sq. Ft. | Egress Compliance |        | Glass Size - Vent |         | Glass Size - Fixed |         | Total Visible<br>Glass Sq. Ft. |
|---------|----|---------------|--------|----------|--------|---------------|--------|--------------------------|-------------------|--------|-------------------|---------|--------------------|---------|--------------------------------|
|         |    | Width         | Height | Width    | Height | Width         | Height |                          | U.S.              | Canada | Width             | Height  | Width              | Height  |                                |
| 1 6 2 0 | 12 | 18            | 24     | 17 1/2   | 23 1/2 | 14 1/2        | 7 1/2  | 0.76                     | -                 | -      | 12 5/8            | 8 9/16  | 12 5/8             | 8 9/16  | 1.22                           |
| 1 6 2 6 | 15 | 18            | 30     | 17 1/2   | 29 1/2 | 14 1/2        | 10 1/2 | 1.06                     | -                 | -      | 12 5/8            | 11 9/16 | 12 5/8             | 11 9/16 | 1.71                           |
| 1 6 3 0 | 18 | 18            | 36     | 17 1/2   | 35 1/2 | 14 1/2        | 13 1/2 | 1.36                     | -                 | -      | 12 5/8            | 14 9/16 | 12 5/8             | 14 9/16 | 2.19                           |
| 1 6 3 6 | 21 | 18            | 42     | 17 1/2   | 41 1/2 | 14 1/2        | 16 1/2 | 1.66                     | -                 | -      | 12 5/8            | 17 9/16 | 12 5/8             | 17 9/16 | 2.67                           |
| 1 6 4 0 | 24 | 18            | 48     | 17 1/2   | 47 1/2 | 14 1/2        | 19 1/2 | 1.96                     | -                 | -      | 12 5/8            | 20 9/16 | 12 5/8             | 20 9/16 | 3.16                           |
| 1 6 4 6 | 27 | 18            | 54     | 17 1/2   | 53 1/2 | 14 1/2        | 22 1/2 | 2.27                     | -                 | -      | 12 5/8            | 23 9/16 | 12 5/8             | 23 9/16 | 3.64                           |
| 1 6 5 0 | 30 | 18            | 60     | 17 1/2   | 59 1/2 | 14 1/2        | 25 1/2 | 2.57                     | -                 | -      | 12 5/8            | 26 9/16 | 12 5/8             | 26 9/16 | 4.13                           |
| 1 6 5 6 | 33 | 18            | 66     | 17 1/2   | 65 1/2 | 14 1/2        | 28 1/2 | 2.87                     | -                 | -      | 12 5/8            | 29 9/16 | 12 5/8             | 29 9/16 | 4.61                           |
| 1 6 6 0 | 36 | 18            | 72     | 17 1/2   | 71 1/2 | 14 1/2        | 31 1/2 | 3.17                     | -                 | -      | 12 5/8            | 32 9/16 | 12 5/8             | 32 9/16 | 5.10                           |
| 1 6 6 6 | 36 | 18            | 78     | 17 1/2   | 77 1/2 | 14 1/2        | 31 1/2 | 3.17                     | -                 | -      | 12 5/8            | 32 9/16 | 12 5/8             | 38 9/16 | 5.58                           |
| 1 6 7 0 | 36 | 18            | 84     | 17 1/2   | 83 1/2 | 14 1/2        | 31 1/2 | 3.17                     | -                 | -      | 12 5/8            | 32 9/16 | 12 5/8             | 44 9/16 | 6.06                           |
| 2 0 2 6 | 15 | 24            | 30     | 23 1/2   | 29 1/2 | 20 1/2        | 10 1/2 | 1.49                     | -                 | -      | 18 5/8            | 11 9/16 | 18 5/8             | 11 9/16 | 2.59                           |
| 2 0 3 0 | 18 | 24            | 36     | 23 1/2   | 35 1/2 | 20 1/2        | 13 1/2 | 1.92                     | -                 | -      | 18 5/8            | 14 9/16 | 18 5/8             | 14 9/16 | 3.32                           |
| 2 0 3 6 | 21 | 24            | 42     | 23 1/2   | 41 1/2 | 20 1/2        | 16 1/2 | 2.35                     | -                 | -      | 18 5/8            | 17 9/16 | 18 5/8             | 17 9/16 | 4.05                           |
| 2 0 4 0 | 24 | 24            | 48     | 23 1/2   | 47 1/2 | 20 1/2        | 19 1/2 | 2.78                     | -                 | -      | 18 5/8            | 20 9/16 | 18 5/8             | 20 9/16 | 4.79                           |
| 2 0 4 6 | 27 | 24            | 54     | 23 1/2   | 53 1/2 | 20 1/2        | 22 1/2 | 3.20                     | -                 | -      | 18 5/8            | 23 9/16 | 18 5/8             | 23 9/16 | 5.52                           |
| 2 0 5 0 | 30 | 24            | 60     | 23 1/2   | 59 1/2 | 20 1/2        | 25 1/2 | 3.63                     | -                 | -      | 18 5/8            | 26 9/16 | 18 5/8             | 26 9/16 | 6.26                           |
| 2 0 5 6 | 33 | 24            | 66     | 23 1/2   | 65 1/2 | 20 1/2        | 28 1/2 | 4.06                     | -                 | Y      | 18 5/8            | 29 9/16 | 18 5/8             | 29 9/16 | 6.99                           |
| 2 0 6 0 | 36 | 24            | 72     | 23 1/2   | 71 1/2 | 20 1/2        | 31 1/2 | 4.48                     | -                 | Y      | 18 5/8            | 32 9/16 | 18 5/8             | 32 9/16 | 7.73                           |
| 2 0 6 6 | 36 | 24            | 78     | 23 1/2   | 77 1/2 | 20 1/2        | 31 1/2 | 4.48                     | -                 | Y      | 18 5/8            | 32 9/16 | 18 5/8             | 38 9/16 | 8.46                           |
| 2 0 7 0 | 36 | 24            | 84     | 23 1/2   | 83 1/2 | 20 1/2        | 31 1/2 | 4.48                     | -                 | Y      | 18 5/8            | 32 9/16 | 18 5/8             | 44 9/16 | 9.19                           |
| 2 6 2 0 | 12 | 30            | 24     | 29 1/2   | 23 1/2 | 26 1/2        | 7 1/2  | 1.38                     | -                 | -      | 24 5/8            | 8 9/16  | 24 5/8             | 8 9/16  | 2.48                           |
| 2 6 3 0 | 18 | 30            | 36     | 29 1/2   | 35 1/2 | 26 1/2        | 13 1/2 | 2.48                     | -                 | -      | 24 5/8            | 14 9/16 | 24 5/8             | 14 9/16 | 4.45                           |
| 2 6 3 6 | 21 | 30            | 42     | 29 1/2   | 41 1/2 | 26 1/2        | 16 1/2 | 3.04                     | -                 | -      | 24 5/8            | 17 9/16 | 24 5/8             | 17 9/16 | 5.43                           |
| 2 6 4 0 | 24 | 30            | 48     | 29 1/2   | 47 1/2 | 26 1/2        | 19 1/2 | 3.59                     | -                 | -      | 24 5/8            | 20 9/16 | 24 5/8             | 20 9/16 | 6.42                           |
| 2 6 4 6 | 27 | 30            | 54     | 29 1/2   | 53 1/2 | 26 1/2        | 22 1/2 | 4.14                     | -                 | Y      | 24 5/8            | 23 9/16 | 24 5/8             | 23 9/16 | 7.40                           |
| 2 6 5 0 | 30 | 30            | 60     | 29 1/2   | 59 1/2 | 26 1/2        | 25 1/2 | 4.69                     | -                 | Y      | 24 5/8            | 26 9/16 | 24 5/8             | 26 9/16 | 8.39                           |
| 2 6 5 6 | 33 | 30            | 66     | 29 1/2   | 65 1/2 | 26 1/2        | 28 1/2 | 5.24                     | -                 | Y      | 24 5/8            | 29 9/16 | 24 5/8             | 29 9/16 | 9.37                           |
| 2 6 6 0 | 36 | 30            | 72     | 29 1/2   | 71 1/2 | 26 1/2        | 31 1/2 | 5.80                     | Y                 | Y      | 24 5/8            | 32 9/16 | 24 5/8             | 32 9/16 | 10.36                          |
| 2 6 6 6 | 36 | 30            | 78     | 29 1/2   | 77 1/2 | 26 1/2        | 31 1/2 | 5.80                     | Y                 | Y      | 24 5/8            | 32 9/16 | 24 5/8             | 38 9/16 | 11.34                          |
| 2 6 7 0 | 36 | 30            | 84     | 29 1/2   | 83 1/2 | 26 1/2        | 31 1/2 | 5.80                     | Y                 | Y      | 24 5/8            | 32 9/16 | 24 5/8             | 44 9/16 | 12.33                          |
| 3 0 2 6 | 15 | 36            | 30     | 35 1/2   | 29 1/2 | 32 1/2        | 10 1/2 | 2.37                     | -                 | -      | 30 5/8            | 11 9/16 | 30 5/8             | 11 9/16 | 4.35                           |
| 3 0 3 0 | 18 | 36            | 36     | 35 1/2   | 35 1/2 | 32 1/2        | 13 1/2 | 3.05                     | -                 | -      | 30 5/8            | 14 9/16 | 30 5/8             | 14 9/16 | 5.58                           |
| 3 0 3 6 | 21 | 36            | 42     | 35 1/2   | 41 1/2 | 32 1/2        | 16 1/2 | 3.72                     | -                 | -      | 30 5/8            | 17 9/16 | 30 5/8             | 17 9/16 | 6.81                           |
| 3 0 4 0 | 24 | 36            | 48     | 35 1/2   | 47 1/2 | 32 1/2        | 19 1/2 | 4.40                     | -                 | Y      | 30 5/8            | 20 9/16 | 30 5/8             | 20 9/16 | 8.05                           |
| 3 0 4 6 | 27 | 36            | 54     | 35 1/2   | 53 1/2 | 32 1/2        | 22 1/2 | 5.08                     | -                 | Y      | 30 5/8            | 23 9/16 | 30 5/8             | 23 9/16 | 9.28                           |
| 3 0 5 0 | 30 | 36            | 60     | 35 1/2   | 59 1/2 | 32 1/2        | 25 1/2 | 5.76                     | Y                 | Y      | 30 5/8            | 26 9/16 | 30 5/8             | 26 9/16 | 10.52                          |
| 3 0 5 6 | 33 | 36            | 66     | 35 1/2   | 65 1/2 | 32 1/2        | 28 1/2 | 6.43                     | Y                 | Y      | 30 5/8            | 29 9/16 | 30 5/8             | 29 9/16 | 11.75                          |
| 3 0 6 0 | 36 | 36            | 72     | 35 1/2   | 71 1/2 | 32 1/2        | 31 1/2 | 7.11                     | Y                 | Y      | 30 5/8            | 32 9/16 | 30 5/8             | 32 9/16 | 12.99                          |
| 3 0 6 6 | 36 | 36            | 78     | 35 1/2   | 77 1/2 | 32 1/2        | 31 1/2 | 7.11                     | Y                 | Y      | 30 5/8            | 32 9/16 | 30 5/8             | 38 9/16 | 14.22                          |
| 3 0 7 0 | 36 | 36            | 84     | 35 1/2   | 83 1/2 | 32 1/2        | 31 1/2 | 7.11                     | Y                 | Y      | 30 5/8            | 32 9/16 | 30 5/8             | 44 9/16 | 15.46                          |
| 3 6 2 6 | 15 | 42            | 30     | 41 1/2   | 29 1/2 | 38 1/2        | 10 1/2 | 2.81                     | -                 | -      | 36 5/8            | 11 9/16 | 36 5/8             | 11 9/16 | 5.23                           |
| 3 6 3 0 | 18 | 42            | 36     | 41 1/2   | 35 1/2 | 38 1/2        | 13 1/2 | 3.61                     | -                 | -      | 36 5/8            | 14 9/16 | 36 5/8             | 14 9/16 | 6.71                           |
| 3 6 3 6 | 21 | 42            | 42     | 41 1/2   | 41 1/2 | 38 1/2        | 16 1/2 | 4.41                     | -                 | Y      | 36 5/8            | 17 9/16 | 36 5/8             | 17 9/16 | 8.19                           |
| 3 6 4 0 | 24 | 42            | 48     | 41 1/2   | 47 1/2 | 38 1/2        | 19 1/2 | 5.21                     | -                 | Y      | 36 5/8            | 20 9/16 | 36 5/8             | 20 9/16 | 9.68                           |
| 3 6 4 6 | 27 | 42            | 54     | 41 1/2   | 53 1/2 | 38 1/2        | 22 1/2 | 6.02                     | -                 | Y      | 36 5/8            | 23 9/16 | 36 5/8             | 23 9/16 | 11.16                          |
| 3 6 5 0 | 30 | 42            | 60     | 41 1/2   | 59 1/2 | 38 1/2        | 25 1/2 | 6.82                     | Y                 | Y      | 36 5/8            | 26 9/16 | 36 5/8             | 26 9/16 | 12.65                          |
| 3 6 5 6 | 33 | 42            | 66     | 41 1/2   | 65 1/2 | 38 1/2        | 28 1/2 | 7.62                     | Y                 | Y      | 36 5/8            | 29 9/16 | 36 5/8             | 29 9/16 | 14.13                          |
| 3 6 6 0 | 36 | 42            | 72     | 41 1/2   | 71 1/2 | 38 1/2        | 31 1/2 | 8.42                     | Y                 | Y      | 36 5/8            | 32 9/16 | 36 5/8             | 32 9/16 | 15.62                          |
| 3 6 6 6 | 36 | 42            | 78     | 41 1/2   | 77 1/2 | 38 1/2        | 31 1/2 | 8.42                     | Y                 | Y      | 36 5/8            | 32 9/16 | 36 5/8             | 38 9/16 | 17.10                          |
| 3 6 7 0 | 36 | 42            | 84     | 41 1/2   | 83 1/2 | 38 1/2        | 31 1/2 | 8.42                     | Y                 | Y      | 36 5/8            | 32 9/16 | 36 5/8             | 44 9/16 | 18.59                          |
| 4 0 2 6 | 15 | 48            | 30     | 47 1/2   | 29 1/2 | 44 1/2        | 10 1/2 | 3.24                     | -                 | -      | 42 5/8            | 11 9/16 | 42 5/8             | 11 9/16 | 6.11                           |
| 4 0 3 0 | 18 | 48            | 36     | 47 1/2   | 35 1/2 | 44 1/2        | 13 1/2 | 4.17                     | -                 | -      | 42 5/8            | 14 9/16 | 42 5/8             | 14 9/16 | 7.84                           |
| 4 0 3 6 | 21 | 48            | 42     | 47 1/2   | 41 1/2 | 44 1/2        | 16 1/2 | 5.10                     | -                 | Y      | 42 5/8            | 17 9/16 | 42 5/8             | 17 9/16 | 9.58                           |
| 4 0 4 0 | 24 | 48            | 48     | 47 1/2   | 47 1/2 | 44 1/2        | 19 1/2 | 6.03                     | -                 | Y      | 42 5/8            | 20 9/16 | 42 5/8             | 20 9/16 | 11.31                          |
| 4 0 4 6 | 27 | 48            | 54     | 47 1/2   | 53 1/2 | 44 1/2        | 22 1/2 | 6.95                     | -                 | Y      | 42 5/8            | 23 9/16 | 42 5/8             | 23 9/16 | 13.04                          |
| 4 0 5 0 | 30 | 48            | 60     | 47 1/2   | 59 1/2 | 44 1/2        | 25 1/2 | 7.88                     | Y                 | Y      | 42 5/8            | 26 9/16 | 42 5/8             | 26 9/16 | 14.78                          |
| 4 0 5 6 | 33 | 48            | 66     | 47 1/2   | 65 1/2 | 44 1/2        | 28 1/2 | 8.81                     | Y                 | Y      | 42 5/8            | 29 9/16 | 42 5/8             | 29 9/16 | 16.51                          |
| 4 0 6 0 | 36 | 48            | 72     | 47 1/2   | 71 1/2 | 44 1/2        | 31 1/2 | 9.73                     | Y                 | Y      | 42 5/8            | 32 9/16 | 42 5/8             | 32 9/16 | 18.25                          |
| 4 0 6 6 | 39 | 48            | 78     | 47 1/2   | 77 1/2 | 44 1/2        | 33 3/4 | 10.43                    | Y                 | Y      | 42 5/8            | 35 9/16 | 42 5/8             | 35 9/16 | 19.98                          |
| 4 0 7 0 | 42 | 48            | 84     | 47 1/2   | 83 1/2 | 44 1/2        | 33 3/4 | 10.43                    | Y                 | Y      | 42 5/8            | 38 9/16 | 42 5/8             | 38 9/16 | 21.72                          |

