

# SunClad USA Casement Window

## EGRESS/VENT OPENINGS

### MAXIMUM CLEAR OPENING

| UNIT<br>WIDTH | UNIT<br>HEIGHT | SQ. FT. CLEAR<br>OPENING |         | WIDTH             |                     |                   | DAYLIGHT OPENING  |                   |         | VENT OPENING w/o SASH |                    |                   |
|---------------|----------------|--------------------------|---------|-------------------|---------------------|-------------------|-------------------|-------------------|---------|-----------------------|--------------------|-------------------|
|               |                | WASH                     | EGRESS  | WASH.             | EGRESS              | HEIGHT            | WIDTH             | HEIGHT            | SQ. FT. | WIDTH                 | HEIGHT             | SQ.FT.            |
|               |                |                          |         | <i>US - 9 7/8</i> | <i>US - 4 11/16</i> | <i>US - 4 3/8</i> | <i>US - 5 1/4</i> | <i>US - 5 1/4</i> |         |                       | <i>US - 3 9/16</i> | <i>US - 4 3/8</i> |
| 16            | 32             | 1.18                     | 1.98    | 6.125             | 10.313              | 27.625            | 10.750            | 26.750            | 2.00    | 12.438                | 27.625             | 2.39              |
| 16            | 36             | 1.35                     | 2.26    | 6.125             | 10.313              | 31.625            | 10.750            | 30.750            | 2.30    | 12.438                | 31.625             | 2.73              |
| 16            | 40             | 1.52                     | 2.55    | 6.125             | 10.313              | 35.625            | 10.750            | 34.750            | 2.59    | 12.438                | 35.625             | 3.08              |
| 16            | 48             | 1.86                     | 3.12    | 6.125             | 10.313              | 43.625            | 10.750            | 42.750            | 3.19    | 12.438                | 43.625             | 3.77              |
| 16            | 52             | 2.03                     | 3.41    | 6.125             | 10.313              | 47.625            | 10.750            | 46.750            | 3.49    | 12.438                | 47.625             | 4.11              |
| 16            | 59             | 2.32                     | 3.91    | 6.125             | 10.313              | 54.625            | 10.750            | 53.750            | 4.01    | 12.438                | 54.625             | 4.72              |
| 16            | 64             | 2.54                     | 4.27    | 6.125             | 10.313              | 59.625            | 10.750            | 58.750            | 4.39    | 12.438                | 59.625             | 5.15              |
| 16            | 72             | 2.88                     | 4.84    | 6.125             | 10.313              | 67.625            | 10.750            | 66.750            | 4.98    | 12.438                | 67.625             | 5.84              |
| 16            | 78             | 3.13                     | 5.27    | 6.125             | 10.313              | 73.625            | 10.750            | 72.750            | 5.43    | 12.438                | 73.625             | 6.36              |
| 20            | 32             | 1.94                     | 2.75    | 10.125            | 14.313              | 27.625            | 14.750            | 26.750            | 2.74    | 16.438                | 27.625             | 3.15              |
| 20            | 36             | 2.22                     | 3.14    | 10.125            | 14.313              | 31.625            | 14.750            | 30.750            | 3.15    | 16.438                | 31.625             | 3.61              |
| 20            | 40             | 2.50                     | 3.54    | 10.125            | 14.313              | 35.625            | 14.750            | 34.750            | 3.56    | 16.438                | 35.625             | 4.07              |
| 20            | 48             | 3.07                     | 4.34    | 10.125            | 14.313              | 43.625            | 14.750            | 42.750            | 4.38    | 16.438                | 43.625             | 4.98              |
| 20            | 52             | 3.35                     | 4.73    | 10.125            | 14.313              | 47.625            | 14.750            | 46.750            | 4.79    | 16.438                | 47.625             | 5.44              |
| 20            | 59             | 3.84                     | 5.43    | 10.125            | 14.313              | 54.625            | 14.750            | 53.750            | 5.51    | 16.438                | 54.625             | 6.24              |
| 20            | 64             | 4.19                     | 5.93    | 10.125            | 14.313              | 59.625            | 14.750            | 58.750            | 6.02    | 16.438                | 59.625             | 6.81              |
| 20            | 72             | 4.75                     | 6.72    | 10.125            | 14.313              | 67.625            | 14.750            | 66.750            | 6.84    | 16.438                | 67.625             | 7.72              |
| 20            | 78             | 5.18                     | 7.32    | 10.125            | 14.313              | 73.625            | 14.750            | 72.750            | 7.45    | 16.438                | 73.625             | 8.40              |
| 24            | 32             | 2.71                     | 3.51    | 14.125            | 18.313              | 27.625            | 18.750            | 26.750            | 3.48    | 20.438                | 27.625             | 3.92              |
| 24            | 36             | 3.10                     | 4.02    | 14.125            | 18.313              | 31.625            | 18.750            | 30.750            | 4.00    | 20.438                | 31.625             | 4.49              |
| 24            | 40             | 3.49                     | 4.53    | 14.125            | 18.313              | 35.625            | 18.750            | 34.750            | 4.52    | 20.438                | 35.625             | 5.06              |
| 24            | 48             | 4.28                     | 5.55    | 14.125            | 18.313              | 43.625            | 18.750            | 42.750            | 5.57    | 20.438                | 43.625             | 6.19              |
| 24            | 52             | 4.67                     | 6.06    | 14.125            | 18.313              | 47.625            | 18.750            | 46.750            | 6.09    | 20.438                | 47.625             | 6.76              |
| 24            | 59             | 5.36                     | 6.95    | 14.125            | 18.313              | 54.625            | 18.750            | 53.750            | 7.00    | 20.438                | 54.625             | 7.75              |
| 24            | 64             | 5.85                     | 7.58    | 14.125            | 18.313              | 59.625            | 18.750            | 58.750            | 7.65    | 20.438                | 59.625             | 8.46              |
| 24            | 72             | 6.63                     | 8.60    | 14.125            | 18.313              | 67.625            | 18.750            | 66.750            | 8.69    | 20.438                | 67.625             | 9.60              |
| 24            | 78             | 7.22                     | 9.36    | 14.125            | 18.313              | 73.625            | 18.750            | 72.750            | 9.47    | 20.438                | 73.625             | 10.45             |
| 28            | 32             | 3.48                     | 4.28    | 18.125            | 22.313              | 27.625            | 22.750            | 26.750            | 4.23    | 24.438                | 27.625             | 4.69              |
| 28            | 36             | 3.98                     | 4.90    | 18.125            | 22.313              | 31.625            | 22.750            | 30.750            | 4.86    | 24.438                | 31.625             | 5.37              |
| 28            | 40             | 4.48                     | ☒ 5.52  | 18.125            | 22.313              | 35.625            | 22.750            | 34.750            | 5.49    | 24.438                | 35.625             | 6.05              |
| 28            | 48             | 5.49                     | ✓ 6.76  | 18.125            | 22.313              | 43.625            | 22.750            | 42.750            | 6.75    | 24.438                | 43.625             | 7.40              |
| 28            | 52             | 5.99                     | ✓ 7.38  | 18.125            | 22.313              | 47.625            | 22.750            | 46.750            | 7.39    | 24.438                | 47.625             | 8.08              |
| 28            | 59             | 6.88                     | ✓ 8.46  | 18.125            | 22.313              | 54.625            | 22.750            | 53.750            | 8.49    | 24.438                | 54.625             | 9.27              |
| 28            | 64             | 7.50                     | ✓ 9.24  | 18.125            | 22.313              | 59.625            | 22.750            | 58.750            | 9.28    | 24.438                | 59.625             | 10.12             |
| 28            | 72             | 8.51                     | ✓ 10.48 | 18.125            | 22.313              | 67.625            | 22.750            | 66.750            | 10.55   | 24.438                | 67.625             | 11.48             |
| 28            | 78             | 9.27                     | ✓ 11.41 | 18.125            | 22.313              | 73.625            | 22.750            | 72.750            | 11.49   | 24.438                | 73.625             | 12.49             |
| 30            | 32             | 3.86                     | 4.66    | 20.125            | 24.313              | 27.625            | 24.750            | 26.750            | 4.60    | 26.438                | 27.625             | 5.07              |
| 30            | 36             | 4.42                     | ☒ 5.34  | 20.125            | 24.313              | 31.625            | 24.750            | 30.750            | 5.29    | 26.438                | 31.625             | 5.81              |
| 30            | 40             | 4.98                     | ✓ 6.01  | 20.125            | 24.313              | 35.625            | 24.750            | 34.750            | 5.97    | 26.438                | 35.625             | 6.54              |
| 30            | 48             | ✓ 6.10                   | ✓ 7.37  | 20.125            | 24.313              | 43.625            | 24.750            | 42.750            | 7.35    | 26.438                | 43.625             | 8.01              |
| 30            | 52             | ✓ 6.66                   | ✓ 8.04  | 20.125            | 24.313              | 47.625            | 24.750            | 46.750            | 8.04    | 26.438                | 47.625             | 8.74              |
| 30            | 59             | ✓ 7.63                   | ✓ 9.22  | 20.125            | 24.313              | 54.625            | 24.750            | 53.750            | 9.24    | 26.438                | 54.625             | 10.03             |
| 30            | 64             | ✓ 8.33                   | ✓ 10.07 | 20.125            | 24.313              | 59.625            | 24.750            | 58.750            | 10.10   | 26.438                | 59.625             | 10.95             |
| 30            | 72             | ✓ 9.45                   | ✓ 11.42 | 20.125            | 24.313              | 67.625            | 24.750            | 66.750            | 11.47   | 26.438                | 67.625             | 12.42             |
| 30            | 78             | ✓ 10.29                  | ✓ 12.43 | 20.125            | 24.313              | 73.625            | 24.750            | 72.750            | 12.50   | 26.438                | 73.625             | 13.52             |
| 32            | 32             | 4.24                     | ☒ 5.05  | 22.125            | 26.313              | 27.625            | 26.750            | 26.750            | 4.97    | 28.438                | 27.625             | 5.46              |
| 32            | 36             | 4.86                     | ✓ 5.78  | 22.125            | 26.313              | 31.625            | 26.750            | 30.750            | 5.71    | 28.438                | 31.625             | 6.25              |
| 32            | 40             | ☒ 5.47                   | ✓ 6.51  | 22.125            | 26.313              | 35.625            | 26.750            | 34.750            | 6.46    | 28.438                | 35.625             | 7.04              |
| 32            | 48             | ✓ 6.70                   | ✓ 7.97  | 22.125            | 26.313              | 43.625            | 26.750            | 42.750            | 7.94    | 28.438                | 43.625             | 8.62              |
| 32            | 52             | ✓ 7.32                   | ✓ 8.70  | 22.125            | 26.313              | 47.625            | 26.750            | 46.750            | 8.68    | 28.438                | 47.625             | 9.41              |
| 32            | 59             | ✓ 8.39                   | ✓ 9.98  | 22.125            | 26.313              | 54.625            | 26.750            | 53.750            | 9.98    | 28.438                | 54.625             | 10.79             |
| 32            | 64             | ✓ 9.16                   | ✓ 10.90 | 22.125            | 26.313              | 59.625            | 26.750            | 58.750            | 10.91   | 28.438                | 59.625             | 11.77             |
| 32            | 72             | ✓ 10.39                  | ✓ 12.36 | 22.125            | 26.313              | 67.625            | 26.750            | 66.750            | 12.40   | 28.438                | 67.625             | 13.35             |

|    |    |   |       |   |       |        |        |        |        |        |       |        |        |       |
|----|----|---|-------|---|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|
| 32 | 78 | ✓ | 11.31 | ✓ | 13.45 | 22.125 | 26.313 | 73.625 | 26.750 | 72.750 | 13.51 | 28.438 | 73.625 | 14.54 |
| 36 | 32 | ☒ | 5.01  | ✓ | 5.82  | 26.125 | 30.313 | 27.625 | 30.750 | 26.750 | 5.71  | 32.438 | 27.625 | 6.22  |
| 36 | 36 | ✓ | 5.74  | ✓ | 6.66  | 26.125 | 30.313 | 31.625 | 30.750 | 30.750 | 6.57  | 32.438 | 31.625 | 7.12  |
| 36 | 40 | ✓ | 6.46  | ✓ | 7.50  | 26.125 | 30.313 | 35.625 | 30.750 | 34.750 | 7.42  | 32.438 | 35.625 | 8.02  |
| 36 | 48 | ✓ | 7.91  | ✓ | 9.18  | 26.125 | 30.313 | 43.625 | 30.750 | 42.750 | 9.13  | 32.438 | 43.625 | 9.83  |
| 36 | 52 | ✓ | 8.64  | ✓ | 10.03 | 26.125 | 30.313 | 47.625 | 30.750 | 46.750 | 9.98  | 32.438 | 47.625 | 10.73 |
| 36 | 59 | ✓ | 9.91  | ✓ | 11.50 | 26.125 | 30.313 | 54.625 | 30.750 | 53.750 | 11.48 | 32.438 | 54.625 | 12.30 |
| 36 | 64 | ✓ | 10.82 | ✓ | 12.55 | 26.125 | 30.313 | 59.625 | 30.750 | 58.750 | 12.55 | 32.438 | 59.625 | 13.43 |
| 36 | 72 | ✓ | 12.27 | ✓ | 14.24 | 26.125 | 30.313 | 67.625 | 30.750 | 66.750 | 14.25 | 32.438 | 67.625 | 15.23 |

☒ - MEANS THAT UNIT MEETS EGRESS REQUIREMENTS of 20" wide x 24" high & 5.0 sq/ft

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