

# TILT-WASH DOUBLE-HUNG FULL-FRAME WINDOWS

**Table of Tilt-Wash Double-Hung Window Sizes**

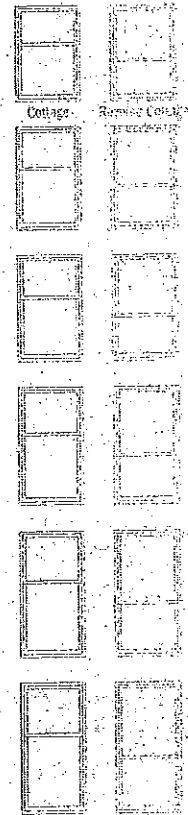
Scale 1/8" (3) = 1'-0" (305) - 1:96

| Window Dimension                     | 1'-9 5/8"        | 2'-1 5/8"       | 2'-5 5/8"            | 2'-7 5/8"            | 2'-9 5/8"            | 2'-11 5/8"            | 3'-1 5/8"            | 3'-5 5/8"            | 3'-9 5/8"            |
|--------------------------------------|------------------|-----------------|----------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|
| Minimum Rough Opening                | 1'-10 1/8" (562) | 2'-2 1/8" (664) | 2'-6 1/8" (765)      | 2'-8 1/8" (816)      | 2'-10 1/8" (867)     | 3'-0 1/8" (917)       | 3'-2 1/8" (968)      | 3'-6 1/8" (1070)     | 3'-10 1/8" (1172)    |
| Unobstructed Glass (lower sash only) | 15" (381)        | 19" (483)       | 23" (584)            | 25" (635)            | 27" (686)            | 29" (737)             | 31" (787)            | 35" (889)            | 39" (991)            |
| 3'-0 7/8" (937)                      | TW18210          | TW20210         | TW24210              | TW26210              | TW28210              | TW210210              | TW30210              | TW34210              | TW38210              |
| 3'-4 7/8" (1038)                     | TW1832           | TW2032          | TW2432               | TW2632               | TW2832               | TW21032               | TW3032               | TW3432               | TW3832               |
| 3'-8 7/8" (1140)                     | TW1836           | TW2036          | TW2436               | TW2636               | TW2836               | TW21036               | TW3036               | TW3436               | TW3836               |
| 4'-0 7/8" (1241)                     | TW18310          | TW20310         | TW24310              | TW26310              | TW28310              | TW210310              | TW30310              | TW34310              | TW38310              |
| 4'-4 7/8" (1343)                     | TW1842           | TW2042          | TW2442               | TW2642               | TW2842               | TW21042               | TW3042               | TW3442               | TW3842               |
| 4'-8 7/8" (1445)                     | TW1846           | TW2046          | TW2446               | TW2646               | TW2846               | TW21046               | TW3046 <sup>o</sup>  | TW3446 <sup>o</sup>  | TW3846 <sup>o</sup>  |
| 5'-0 7/8" (1546)                     | TW18410          | TW20410         | TW24410              | TW26410              | TW28410              | TW210410 <sup>o</sup> | TW30410 <sup>o</sup> | TW34410 <sup>o</sup> | TW38410 <sup>o</sup> |
| 5'-4 7/8" (1648)                     | TW1852           | TW2052          | TW2452               | TW2652               | TW2852 <sup>o</sup>  | TW21052 <sup>o</sup>  | TW3052 <sup>o</sup>  | TW3452 <sup>o</sup>  | TW3852 <sup>o</sup>  |
| 5'-8 7/8" (1749)                     | TW1856           | TW2056          | TW2456               | TW2656 <sup>o</sup>  | TW2856 <sup>o</sup>  | TW21056 <sup>o</sup>  | TW3056 <sup>o</sup>  | TW3456 <sup>o</sup>  | TW3856 <sup>o</sup>  |
| 6'-0 7/8" (1851)                     | TW18510          | TW20510         | TW24510 <sup>o</sup> | TW26510 <sup>o</sup> | TW28510 <sup>o</sup> | TW210510 <sup>o</sup> | TW30510 <sup>o</sup> | TW34510 <sup>o</sup> | TW38510 <sup>o</sup> |
| 6'-4 7/8" (1953)                     | TW1862           | TW2062          | TW2462 <sup>o</sup>  | TW2662 <sup>o</sup>  | TW2862 <sup>o</sup>  | TW21052 <sup>o</sup>  | TW3062 <sup>o</sup>  | TW3462 <sup>o</sup>  | TW3862 <sup>o</sup>  |

Grille patterns shown on page 92.

Size tables for windows with cottage or reverse cottage sash are now available on [www.harsco-windows.com](http://www.harsco-windows.com).

Cottage and reverse cottage sash are available for most window sizes.



<sup>o</sup> Window Dimension shown refers to outside frame to frame dimension.  
<sup>\*</sup> Minimum Rough Opening\* dimensions may need to be increased to allow for use of building wraps, flashing, sill panelling, brackets, fasteners or other items. See page 389-289 for more details.  
<sup>o</sup> Dimensions in parentheses are in millimeters.  
<sup>o</sup> Most double hung opening area of 5.7 sq. ft. or 0.53 sq. meter opening width of 20" (508) and sash opening height of 24" (610). See [www.harsco-windows.com](http://www.harsco-windows.com) for details.

continued on next page

**Table of Tilt-Wash Double-Hung Window Sizes** (continued)  
Scale 1/8" (3) = 1'-0" (305) — 1:96

| Window Dimension                | 1'-9 5/8"        | 2'-1 5/8"           | 2'-5 5/8"           | 2'-7 5/8"           | 2'-9 5/8"           | 2'-11 5/8"           | 3'-1 5/8"           | 3'-5 5/8"           | 3'-9 5/8"           |
|---------------------------------|------------------|---------------------|---------------------|---------------------|---------------------|----------------------|---------------------|---------------------|---------------------|
| Minimum Rough Opening           | 1'-10 1/8" (562) | 2'-2 1/8" (664)     | 2'-6 1/8" (765)     | 2'-8 1/8" (816)     | 2'-10 1/8" (867)    | 3'-0 1/8" (917)      | 3'-2 1/8" (968)     | 3'-6 1/8" (1070)    | 3'-10 1/8" (1172)   |
| Unit Glass Area (one sash only) | 15" (381)        | 19" (483)           | 23" (584)           | 25" (635)           | 27" (686)           | 29" (737)            | 31" (787)           | 35" (889)           | 39" (991)           |
| Window Number                   | TW1872           | TW2072 <sup>o</sup> | TW2472 <sup>o</sup> | TW2672 <sup>o</sup> | TW2872 <sup>o</sup> | TW21072 <sup>o</sup> | TW3072 <sup>o</sup> | TW3472 <sup>o</sup> | TW3872 <sup>o</sup> |
| Window Number                   | TW1876           | TW2076 <sup>o</sup> | TW2476 <sup>o</sup> | TW2676 <sup>o</sup> | TW2876 <sup>o</sup> | TW21076 <sup>o</sup> | TW3076 <sup>o</sup> | TW3476 <sup>o</sup> | TW3876 <sup>o</sup> |

Windows 7'-4 7/8" (2257) and 7'-8 7/8" (2359) high have interior and exterior brackets. Interior brackets, located on both sides of the check rail, must be flipped up for proper product performance.

Andersen<sup>®</sup> reinforced joining materials must be used when vertically joining 7'-4 7/8" (2257) and 7'-8 7/8" (2359) high windows.

Grille patterns shown on page 92.

\* Window Dimension<sup>®</sup> always refers to outside frame to frame dimension.  
 \* Minimum Rough Opening<sup>®</sup> dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See pages 288-389 for more details.  
 \* Dimensions in parentheses are in millimeters.  
 † Must be ordered with operating area of 5.7 sq.ft. or 0.53 m<sup>2</sup>, clear opening width of 20" (508) and clear opening height of 24" (610). See tables on pages 90-91.

**Tilt-Wash Transom Window Area Specifications**

| Window Number | Glass Area             |                        | Overall Window Area    |                        | Window Number | Glass Area             |                        | Overall Window Area    |                        | Window Number | Glass Area             |                        | Overall Window Area    |                        |
|---------------|------------------------|------------------------|------------------------|------------------------|---------------|------------------------|------------------------|------------------------|------------------------|---------------|------------------------|------------------------|------------------------|------------------------|
|               | Sq. Ft./m <sup>2</sup> | Sq. Ft./m <sup>2</sup> | Sq. Ft./m <sup>2</sup> | Sq. Ft./m <sup>2</sup> |               | Sq. Ft./m <sup>2</sup> | Sq. Ft./m <sup>2</sup> | Sq. Ft./m <sup>2</sup> | Sq. Ft./m <sup>2</sup> |               | Sq. Ft./m <sup>2</sup> | Sq. Ft./m <sup>2</sup> | Sq. Ft./m <sup>2</sup> | Sq. Ft./m <sup>2</sup> |
| TW1810        | 0.58 (0.05)            | 1.80 (0.17)            | TW2611                 | 3.23 (0.30)            | 5.56 (0.52)   | TW3027                 | 5.73 (0.53)            | 8.70 (0.81)            |                        |               |                        |                        |                        |                        |
| TW1813        | 1.02 (0.12)            | 2.90 (0.27)            | TW2621                 | 3.58 (0.33)            | 6.00 (0.56)   | TW3031                 | 7.02 (0.65)            | 10.27 (0.95)           |                        |               |                        |                        |                        |                        |
| TW1815        | 1.52 (0.14)            | 3.20 (0.30)            | TW2623                 | 3.93 (0.37)            | 6.44 (0.60)   | TW3410                 | 1.30 (0.12)            | 3.47 (0.32)            |                        |               |                        |                        |                        |                        |
| TW1816        | 1.94 (0.18)            | 3.80 (0.35)            | TW2627                 | 4.62 (0.43)            | 7.32 (0.68)   | TW3415                 | 3.07 (0.29)            | 5.58 (0.52)            |                        |               |                        |                        |                        |                        |
| TW1818        | 2.15 (0.20)            | 4.10 (0.38)            | TW2631                 | 5.68 (0.53)            | 8.63 (0.80)   | TW3417                 | 3.56 (0.33)            | 6.18 (0.57)            |                        |               |                        |                        |                        |                        |
| TW1820        | 2.35 (0.22)            | 4.40 (0.41)            | TW2810                 | 1.00 (0.09)            | 2.60 (0.26)   | TW3411L                | 4.53 (0.42)            | 7.32 (0.88)            |                        |               |                        |                        |                        |                        |
| TW1827        | 2.77 (0.26)            | 5.00 (0.47)            | TW2815                 | 2.37 (0.22)            | 4.51 (0.42)   | TW3421                 | 5.02 (0.47)            | 7.89 (0.73)            |                        |               |                        |                        |                        |                        |
| TW1834        | 3.38 (0.32)            | 5.90 (0.55)            | TW2817                 | 2.74 (0.26)            | 4.98 (0.46)   | TW3423                 | 5.50 (0.51)            | 8.47 (0.79)            |                        |               |                        |                        |                        |                        |
| TW2076        | 0.70 (0.07)            | 2.14 (0.20)            | TW2811L                | 3.49 (0.32)            | 5.91 (0.55)   | TW3427                 | 6.47 (0.60)            | 9.63 (0.90)            |                        |               |                        |                        |                        |                        |
| TW2015        | 1.07 (0.10)            | 3.44 (0.32)            | TW2821                 | 3.87 (0.36)            | 6.36 (0.59)   | TW3431                 | 7.93 (0.74)            | 11.36 (1.06)           |                        |               |                        |                        |                        |                        |
| TW2017        | 1.33 (0.18)            | 3.79 (0.35)            | TW2823                 | 4.24 (0.39)            | 6.84 (0.64)   | TW3310                 | 1.45 (0.14)            | 3.80 (0.35)            |                        |               |                        |                        |                        |                        |
| TW2011        | 2.48 (0.23)            | 4.50 (0.42)            | TW2827                 | 4.99 (0.46)            | 7.78 (0.72)   | TW3315                 | 3.42 (0.32)            | 6.12 (0.57)            |                        |               |                        |                        |                        |                        |
| TW2021        | 2.72 (0.25)            | 4.86 (0.45)            | TW2831                 | 6.12 (0.57)            | 9.18 (0.85)   | TW3817                 | 3.97 (0.37)            | 6.75 (0.63)            |                        |               |                        |                        |                        |                        |
| TW2023        | 2.93 (0.28)            | 5.22 (0.49)            | TW21010                | 1.07 (0.10)            | 2.97 (0.28)   | TW3811L                | 5.05 (0.47)            | 8.02 (0.75)            |                        |               |                        |                        |                        |                        |
| TW2027        | 3.51 (0.33)            | 5.93 (0.55)            | TW21015                | 2.55 (0.24)            | 4.78 (0.44)   | TW3821                 | 5.53 (0.52)            | 8.65 (0.80)            |                        |               |                        |                        |                        |                        |
| TW2031        | 4.30 (0.40)            | 7.00 (0.65)            | TW21017                | 2.95 (0.27)            | 5.27 (0.49)   | TW3823                 | 6.13 (0.57)            | 9.20 (0.86)            |                        |               |                        |                        |                        |                        |
| TW2410        | 0.85 (0.08)            | 2.47 (0.23)            | TW21011L               | 3.75 (0.35)            | 6.28 (0.58)   | TW3827                 | 7.21 (0.67)            | 10.55 (0.98)           |                        |               |                        |                        |                        |                        |
| TW2415        | 2.02 (0.19)            | 3.97 (0.37)            | TW21021                | 4.15 (0.39)            | 6.76 (0.63)   | TW3831                 | 8.84 (0.82)            | 12.46 (1.16)           |                        |               |                        |                        |                        |                        |
| TW2417        | 2.34 (0.22)            | 4.38 (0.41)            | TW21023                | 4.56 (0.42)            | 7.26 (0.67)   | TW31010                | 1.51 (0.14)            | 3.94 (0.37)            |                        |               |                        |                        |                        |                        |
| TW2411L       | 2.98 (0.28)            | 5.21 (0.48)            | TW21027                | 5.35 (0.50)            | 8.24 (0.77)   | TW4210                 | 1.66 (0.15)            | 4.28 (0.40)            |                        |               |                        |                        |                        |                        |
| TW2421        | 3.28 (0.31)            | 5.62 (0.52)            | TW21031                | 6.57 (0.61)            | 9.73 (0.90)   | TW41010                | 1.95 (0.18)            | 4.94 (0.46)            |                        |               |                        |                        |                        |                        |
| TW2423        | 3.61 (0.34)            | 6.03 (0.56)            | TW3010                 | 1.15 (0.11)            | 3.14 (0.29)   | TW5610                 | 2.25 (0.21)            | 5.61 (0.52)            |                        |               |                        |                        |                        |                        |
| TW2427        | 4.25 (0.40)            | 6.85 (0.64)            | TW3015                 | 2.72 (0.25)            | 5.05 (0.47)   | TW6210                 | 2.55 (0.24)            | 6.28 (0.63)            |                        |               |                        |                        |                        |                        |
| TW2431        | 5.21 (0.48)            | 8.09 (0.75)            | TW3017                 | 3.15 (0.29)            | 5.57 (0.52)   |                        |                        |                        |                        |               |                        |                        |                        |                        |
| TW2610        | 0.93 (0.09)            | 2.64 (0.25)            | TW3011L                | 4.01 (0.37)            | 6.61 (0.61)   |                        |                        |                        |                        |               |                        |                        |                        |                        |
| TW2615        | 2.19 (0.20)            | 4.24 (0.39)            | TW3021                 | 4.44 (0.41)            | 7.14 (0.66)   |                        |                        |                        |                        |               |                        |                        |                        |                        |
| TW2617        | 2.54 (0.24)            | 4.88 (0.44)            | TW3023                 | 4.87 (0.45)            | 7.66 (0.71)   |                        |                        |                        |                        |               |                        |                        |                        |                        |

\* Dimensions in parentheses are in square meters.

400 Series Tilt-Wash Double-Hung Full-Frame Windows

**Tilt-Wash Double-Hung Window Opening and Area Specifications** (continued)

| Window Number | Clear Opening in Full Open Position                 |                      |                       |                       | Glass Area<br>Sq. Ft./ (m <sup>2</sup> ) | Vent Area<br>Sq. Ft./ (m <sup>2</sup> ) | Top of Subfloor<br>to Top of Inside<br>Sill Stop<br>Inches/(mm) | Overall Window<br>Area<br>Sq. Ft./ (m <sup>2</sup> ) |
|---------------|---|----------------------|-----------------------|-----------------------|--|---|---|--|
|               | Clear Opening<br>Area<br>Sq. Ft./ (m <sup>2</sup> ) | Width<br>Inches/(mm) | Height<br>Inches/(mm) | Height<br>Inches/(mm) |  |   |   |  |
| NW2858        | 6.27 (0.58)   | 29 1/8" (759)        | 30 1/2" (768)         | 11.22 (1.04)          | 6.30 (0.59)                              | 16 1/2" (418)                           | 16.03 (1.49)  |  |
| NW2859        | 6.69 (0.62)   | 29 1/8" (759)        | 32 1/2" (819)         | 11.97 (1.11)          | 6.71 (0.62)                              | 12 1/2" (317)                           | 17.01 (1.55)  |  |
| NW2862        | 7.10 (0.66)   | 29 1/8" (759)        | 34 1/2" (870)         | 12.72 (1.18)          | 7.13 (0.66)                              | 8 1/2" (215)                            | 17.95 (1.67)  |  |
| NW2872        | 8.35 (0.78)   | 29 1/8" (759)        | 40 1/2" (1022)        | 14.98 (1.39)          | 8.38 (0.78)                              | 10 1/2" (260)*                          | 20.75 (1.93)  |  |
| NW2876        | 8.77 (0.81)   | 29 1/8" (759)        | 42 1/2" (1073)        | 15.72 (1.46)          | 8.80 (0.82)                              | 6 1/2" (159)*                           | 21.69 (2.01)  |  |
| NW210211      | 3.15 (0.29)   | 31 1/8" (809)        | 14 1/4" (362)         | 5.62 (0.52)           | 3.18 (0.30)                              | 48 1/2" (1231)                          | 9.12 (0.85)   |  |
| NW21032       | 3.59 (0.33)   | 31 1/8" (809)        | 16 1/2" (412)         | 6.42 (0.60)           | 3.62 (0.34)                              | 44 1/2" (1130)                          | 10.11 (0.94)  |  |
| NW21036       | 4.04 (0.38)   | 31 1/8" (809)        | 18 1/4" (463)         | 7.23 (0.67)           | 4.06 (0.38)                              | 40 1/2" (1028)                          | 11.10 (1.03)  |  |
| NW210311      | 4.48 (0.42)   | 31 1/8" (809)        | 20 1/4" (514)         | 8.03 (0.75)           | 4.51 (0.42)                              | 36 1/2" (926)                           | 12.09 (1.12)  |  |
| NW21042       | 4.92 (0.46)   | 31 1/8" (809)        | 22 1/2" (565)         | 8.84 (0.82)           | 4.95 (0.46)                              | 32 1/2" (825)                           | 13.08 (1.22)  |  |
| NW21045       | 5.36 (0.50)   | 31 1/8" (809)        | 24 1/2" (616)         | 9.64 (0.90)           | 5.39 (0.50)                              | 28 1/2" (723)                           | 14.07 (1.31)  |  |
| NW210410      | 5.81 (0.54)   | 31 1/8" (809)        | 26 1/2" (666)         | 10.45 (0.97)          | 5.83 (0.54)                              | 24 1/2" (622)                           | 15.05 (1.40)  |  |
| NW21052       | 6.25 (0.58)   | 31 1/8" (809)        | 28 1/2" (717)         | 11.25 (1.05)          | 6.28 (0.58)                              | 20 1/2" (520)                           | 16.04 (1.49)  |  |
| NW21056       | 6.69 (0.62)   | 31 1/8" (809)        | 30 1/2" (768)         | 12.06 (1.12)          | 6.72 (0.62)                              | 16 1/2" (418)                           | 17.03 (1.59)  |  |
| NW210510      | 7.14 (0.66)   | 31 1/8" (809)        | 32 1/2" (819)         | 12.86 (1.20)          | 7.16 (0.67)                              | 12 1/2" (317)                           | 18.02 (1.67)  |  |
| NW21062       | 7.58 (0.70)   | 31 1/8" (809)        | 34 1/2" (870)         | 13.67 (1.27)          | 7.60 (0.71)                              | 8 1/2" (215)                            | 19.01 (1.77)  |  |
| NW21072       | 8.01 (0.73)   | 31 1/8" (810)        | 40 1/2" (1022)        | 16.08 (1.49)          | 8.04 (0.73)                              | 10 1/2" (260)*                          | 21.99 (2.04)  |  |
| NW21076       | 8.45 (0.77)   | 31 1/8" (810)        | 42 1/2" (1073)        | 16.90 (1.57)          | 8.48 (0.77)                              | 6 1/2" (159)*                           | 22.98 (2.13)  |  |
| NW30210       | 3.36 (0.31)   | 33 1/8" (860)        | 14 1/4" (362)         | 6.01 (0.56)           | 3.38 (0.31)                              | 48 1/2" (1231)                          | 9.63 (0.90)   |  |
| NW3032        | 3.82 (0.36)   | 33 1/8" (860)        | 16 1/2" (412)         | 6.87 (0.64)           | 3.85 (0.36)                              | 44 1/2" (1130)                          | 10.67 (0.99)  |  |
| NW3038        | 4.29 (0.40)   | 33 1/8" (860)        | 18 1/4" (463)         | 7.73 (0.72)           | 4.32 (0.40)                              | 40 1/2" (1028)                          | 11.72 (1.09)  |  |
| NW30310       | 4.76 (0.44)   | 33 1/8" (860)        | 20 1/2" (514)         | 8.59 (0.80)           | 4.79 (0.45)                              | 36 1/2" (926)                           | 12.76 (1.19)  |  |
| NW3042        | 5.23 (0.49)   | 33 1/8" (860)        | 22 1/2" (565)         | 9.45 (0.88)           | 5.26 (0.49)                              | 32 1/2" (825)                           | 13.81 (1.26)  |  |
| NW3046        | 5.70 (0.53)   | 33 1/8" (860)        | 24 1/2" (616)         | 10.31 (0.96)          | 5.73 (0.53)                              | 28 1/2" (723)                           | 14.85 (1.38)  |  |
| NW30410       | 6.17 (0.57)   | 33 1/8" (860)        | 26 1/2" (666)         | 11.17 (1.04)          | 6.20 (0.58)                              | 24 1/2" (622)                           | 15.90 (1.48)  |  |
| NW3052        | 6.64 (0.62)   | 33 1/8" (860)        | 28 1/2" (717)         | 12.03 (1.12)          | 6.67 (0.62)                              | 20 1/2" (520)                           | 16.95 (1.58)  |  |
| NW3056        | 7.11 (0.66)   | 33 1/8" (860)        | 30 1/2" (768)         | 12.89 (1.20)          | 7.14 (0.66)                              | 16 1/2" (418)                           | 17.99 (1.67)  |  |
| NW30510       | 7.59 (0.70)   | 33 1/8" (860)        | 32 1/2" (819)         | 13.75 (1.28)          | 7.61 (0.71)                              | 12 1/2" (317)                           | 19.04 (1.77)  |  |
| NW3062        | 8.05 (0.75)   | 33 1/8" (860)        | 34 1/2" (870)         | 14.61 (1.36)          | 8.08 (0.75)                              | 8 1/2" (215)                            | 20.08 (1.87)  |  |
| NW3072        | 8.47 (0.78)   | 33 1/8" (860)        | 40 1/2" (1022)        | 17.20 (1.60)          | 8.50 (0.78)                              | 10 1/2" (260)*                          | 23.22 (2.16)  |  |
| NW3076        | 8.94 (0.82)   | 33 1/8" (860)        | 42 1/2" (1073)        | 18.06 (1.68)          | 8.97 (0.83)                              | 6 1/2" (159)*                           | 24.27 (2.25)  |  |
| NW34210       | 3.74 (0.35)   | 37 1/8" (962)        | 14 1/4" (362)         | 6.79 (0.63)           | 3.78 (0.35)                              | 48 1/2" (1231)                          | 10.65 (0.99)  |  |
| NW3452        | 4.27 (0.40)   | 37 1/8" (962)        | 16 1/2" (412)         | 7.76 (0.72)           | 4.30 (0.40)                              | 44 1/2" (1130)                          | 11.81 (1.10)  |  |
| NW3456        | 4.80 (0.45)   | 37 1/8" (962)        | 18 1/4" (463)         | 8.73 (0.81)           | 4.83 (0.45)                              | 40 1/2" (1028)                          | 12.97 (1.21)  |  |
| NW34510       | 5.32 (0.49)   | 37 1/8" (962)        | 20 1/2" (514)         | 9.70 (0.90)           | 5.35 (0.50)                              | 36 1/2" (926)                           | 14.12 (1.31)  |  |
| NW3442        | 5.85 (0.54)   | 37 1/8" (962)        | 22 1/2" (565)         | 10.67 (0.99)          | 5.88 (0.55)                              | 32 1/2" (825)                           | 15.28 (1.42)  |  |
| NW3446        | 6.37 (0.59)   | 37 1/8" (962)        | 24 1/2" (616)         | 11.64 (1.08)          | 6.41 (0.60)                              | 28 1/2" (723)                           | 16.43 (1.53)  |  |
| NW34410       | 6.90 (0.64)   | 37 1/8" (962)        | 26 1/2" (666)         | 12.61 (1.17)          | 6.93 (0.64)                              | 24 1/2" (622)                           | 17.59 (1.63)  |  |
| NW3452        | 7.43 (0.69)   | 37 1/8" (962)        | 28 1/2" (717)         | 13.58 (1.26)          | 7.46 (0.69)                              | 20 1/2" (520)                           | 18.75 (1.74)  |  |
| NW3456        | 7.95 (0.74)   | 37 1/8" (962)        | 30 1/2" (768)         | 14.55 (1.35)          | 7.98 (0.74)                              | 16 1/2" (418)                           | 19.90 (1.85)  |  |
| NW34610       | 8.48 (0.79)   | 37 1/8" (962)        | 32 1/2" (819)         | 15.53 (1.44)          | 8.51 (0.79)                              | 12 1/2" (317)                           | 21.06 (1.96)  |  |
| NW3462        | 9.01 (0.84)   | 37 1/8" (962)        | 34 1/2" (870)         | 16.50 (1.53)          | 9.04 (0.84)                              | 8 1/2" (215)                            | 22.22 (2.06)  |  |
| NW3472        | 10.59 (0.98)  | 37 1/8" (962)        | 40 1/2" (1022)        | 19.42 (1.80)          | 10.62 (0.99)                             | 10 1/2" (260)*                          | 26.69 (2.50)  |  |
| NW3476        | 11.11 (1.03)  | 37 1/8" (962)        | 42 1/2" (1073)        | 20.38 (1.89)          | 11.14 (1.04)                             | 6 1/2" (159)*                           | 28.05 (2.60)  |  |
| NW3482        | 4.14 (0.39)   | 41 1/8" (1064)       | 14 1/4" (362)         | 7.56 (0.70)           | 4.17 (0.39)                              | 48 1/2" (1231)                          | 11.66 (1.09)  |  |
| NW3486        | 4.73 (0.44)   | 41 1/8" (1064)       | 16 1/2" (412)         | 8.64 (0.80)           | 4.76 (0.44)                              | 44 1/2" (1130)                          | 12.94 (1.20)  |  |
| NW3496        | 5.30 (0.49)   | 41 1/8" (1064)       | 18 1/4" (463)         | 9.72 (0.90)           | 5.34 (0.50)                              | 40 1/2" (1028)                          | 14.21 (1.32)  |  |
| NW34910       | 5.88 (0.55)   | 41 1/8" (1064)       | 20 1/2" (514)         | 10.81 (1.00)          | 5.92 (0.55)                              | 36 1/2" (926)                           | 15.48 (1.44)  |  |
| NW3482        | 6.47 (0.60)   | 41 1/8" (1064)       | 22 1/2" (565)         | 11.89 (1.11)          | 6.50 (0.60)                              | 32 1/2" (825)                           | 16.75 (1.56)  |  |
| NW3486        | 7.05 (0.66)   | 41 1/8" (1064)       | 24 1/2" (616)         | 12.97 (1.21)          | 7.08 (0.66)                              | 28 1/2" (723)                           | 18.01 (1.67)  |  |
| NW34810       | 7.64 (0.71)   | 41 1/8" (1064)       | 26 1/2" (666)         | 14.05 (1.31)          | 7.66 (0.71)                              | 24 1/2" (622)                           | 19.28 (1.79)  |  |
| NW3552        | 8.21 (0.76)   | 41 1/8" (1064)       | 28 1/2" (717)         | 15.14 (1.41)          | 8.25 (0.77)                              | 20 1/2" (520)                           | 20.55 (1.91)  |  |
| NW3556        | 8.79 (0.82)   | 41 1/8" (1064)       | 30 1/2" (768)         | 16.22 (1.51)          | 8.83 (0.82)                              | 16 1/2" (418)                           | 21.82 (2.01)  |  |
| NW35510       | 9.37 (0.87)   | 41 1/8" (1064)       | 32 1/2" (819)         | 17.30 (1.61)          | 9.41 (0.87)                              | 12 1/2" (317)                           | 23.08 (2.14)  |  |
| NW3562        | 9.96 (0.93)   | 41 1/8" (1064)       | 34 1/2" (870)         | 18.38 (1.71)          | 9.99 (0.93)                              | 8 1/2" (215)                            | 24.35 (2.26)  |  |
| NW3572        | 11.70 (1.09)  | 41 1/8" (1064)       | 40 1/2" (1022)        | 21.64 (2.01)          | 11.73 (1.09)                             | 10 1/2" (260)*                          | 28.16 (2.62)  |  |
| NW3576        | 12.29 (1.14)  | 41 1/8" (1064)       | 42 1/2" (1073)        | 22.72 (2.11)          | 12.32 (1.14)                             | 6 1/2" (159)*                           | 29.43 (2.73)  |  |

\* Top of Subfloor to Top of Inside Sill Stop is calculated based upon a structural header height of 6'-10 1/2" (2096) except for 7'-5" and 7'-9" heights which are calculated using a header height of 8" (2438).  
 † Dimensions in parentheses are in millimeters or square meters.  
 ‡ Meet or exceed clear opening area of 5.7 sq. ft. or 0.53 m<sup>2</sup>, clear opening width of 20" (508) and clear opening height of 24" (610).  
 § Calculated based upon a structural header height of 8" (2438).

Opening calculations change when using PQ Upgrade sill stop. For opening specifications for windows with Stormwatch Protection visit [andersenwindows.com/openingspecs](http://andersenwindows.com/openingspecs).

For cottage and reverse cottage sash opening specifications, visit [andersenwindows.com/openingspecs](http://andersenwindows.com/openingspecs).

400 Series  
Tilt-Wash Double-Hung  
Full-Frame Windows

**Table of Tilt-Wash Transom and Double-Hung Window Sizes**  
Scale 1/8" (3) - 1'-0" (305) - 1:96

| Window Dimension                    | 1'-1 1/8"     | 1'-1 1/2"     | 2'-3 1/2"     | 2'-7 1/2"     | 2'-11 1/2"    | 3'-3 1/2"     |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Minimum Rough Opening               | 1'-8" (508)   | 2'-0" (610)   | 2'-4" (711)   | 2'-8" (813)   | 3'-0" (914)   | 3'-4" (1016)  |
| Unobstructed Glass (Clear each way) | 13 1/2" (343) | 17 1/2" (445) | 21 1/2" (546) | 25 1/2" (648) | 29 1/2" (749) | 33 1/2" (851) |
| See Half Circle Units               | 244CT18       | 244CT20       | 244CT24       | 244CT28       | 244CT30       | 244CT34       |
| 2'-0 5/8" (521)                     | 244FX1610     | 244FX2010     | 244FX2410     | 244FX2810     | 244FX3010     | 244FX3410     |
| 1'-0 5/8" (321)                     | 244FX1816     | 244FX2016     | 244FX2416     | 244FX2816     | 244FX3016     | 244FX3416     |
| 1'-1 1/8" (333)                     | 244FX1820     | 244FX2020     | 244FX2420     | 244FX2820     | 244FX3020     | 244FX3420     |
| 1'-2 5/8" (422)                     | 244DH1830     | 244DH2030     | 244DH2430     | 244DH2830     | 244DH3030     | 244DH3430     |
| 1'-3 1/8" (384)                     | 244DH1836     | 244DH2036     | 244DH2436     | 244DH2836     | 244DH3036     | 244DH3436     |
| 1'-4 5/8" (422)                     | 244DH1840     | 244DH2040     | 244DH2440     | 244DH2840     | 244DH3040     | 244DH3440     |
| 1'-5 1/8" (435)                     | 244DH1846     | 244DH2046     | 244DH2446     | 244DH2846     | 244DH3046     | 244DH3446     |
| 1'-6 5/8" (473)                     | 244DH1846     | 244DH2049     | 244DH2449     | 244DH2849     | 244DH3049     | 244DH3449     |
| 1'-7 1/8" (486)                     | 244DH1850     | 244DH2050     | 244DH2450     | 244DH2850     | 244DH3050     | 244DH3450     |
| 1'-8 5/8" (524)                     | 244DH1856     | 244DH2056     | 244DH2456     | 244DH2856     | 244DH3056     | 244DH3456     |
| 1'-9 1/8" (537)                     | 244DH1856     | 244DH2056     | 244DH2456     | 244DH2856     | 244DH3056     | 244DH3456     |
| 1'-10 5/8" (575)                    | 244DH1856     | 244DH2056     | 244DH2456     | 244DH2856     | 244DH3056     | 244DH3456     |
| 1'-11 1/8" (587)                    | 244DH1856     | 244DH2056     | 244DH2456     | 244DH2856     | 244DH3056     | 244DH3456     |
| 1'-12 5/8" (625)                    | 244DH1856     | 244DH2056     | 244DH2456     | 244DH2856     | 244DH3056     | 244DH3456     |

**Table of Tilt-Wash Half Circle Window Sizes**  
Scale 1/8" (3) - 1'-0" (305) - 1:96

| Window Dimension      | 1'-7 1/2"     | 1'-11 1/2"    |
|-----------------------|---------------|---------------|
| Minimum Rough Opening | 1'-8" (508)   | 2'-0" (610)   |
| Unobstructed Glass    | 13 1/2" (343) | 17 1/2" (445) |
| 1'-0 5/8" (321)       | 244CT18       | 244CT20       |
| 1'-1 1/8" (333)       | 244CT18       | 244CT20       |
| 1'-2 5/8" (422)       | 244CT18       | 244CT20       |
| 1'-3 1/8" (384)       | 244CT18       | 244CT20       |
| 1'-4 5/8" (422)       | 244CT18       | 244CT20       |
| 1'-5 1/8" (435)       | 244CT18       | 244CT20       |
| 1'-6 5/8" (473)       | 244CT18       | 244CT20       |
| 1'-7 1/8" (486)       | 244CT18       | 244CT20       |
| 1'-8 5/8" (524)       | 244CT18       | 244CT20       |
| 1'-9 1/8" (537)       | 244CT18       | 244CT20       |
| 1'-10 5/8" (575)      | 244CT18       | 244CT20       |
| 1'-11 1/8" (587)      | 244CT18       | 244CT20       |
| 1'-12 5/8" (625)      | 244CT18       | 244CT20       |

Grille patterns shown on page 225.

200 Series  
Tilt-Wash  
Double-Hung Windows

\*Window Dimension\* always refers to outside frame to frame dimension.  
 \*Minimum Rough Opening\* dimensions may need to be increased to allow for use of building wraps, flashing, sill paning, brackets, fasteners or other items. See pages 288-289 for more details.  
 †Dimensions in parentheses are in millimeters.  
 ‡Meet or exceed clear opening area of 5.7 sq. ft. or 0.53 m<sup>2</sup>, clear opening width of 20" (508) and clear opening height of 24" (610). See table on page 225.

### Tilt-Wash Double-Hung Window Opening and Area Specifications

| Window Number | Clear Opening Area<br>Sq. Ft./ (m <sup>2</sup> ) | Clear Opening in Full Open Position |                       | Glass Area<br>Sq. Ft./ (m <sup>2</sup> ) | Vent Area<br>Sq. Ft./ (m <sup>2</sup> ) | Top of Subfloor to Top of Inside Sill Stop<br>Inches/(mm) | Overall Window Area<br>Sq. Ft./ (m <sup>2</sup> ) |
|---------------|--|-------------------------------------|-----------------------|--|---|---|---|
|               |  | Width<br>Inches/(mm)                | Height<br>Inches/(mm) |  |   |   |   |
| 244DH1830     | 1.72 (0.16)                                      | 16.56" (421)                        | 14.95" (380)          | 2.56 (0.24)                              | 1.72 (0.16)                             | 48.56" (1233)   | 4.81 (0.45)                                       |
| 244DH1836     | 2.42 (0.22)                                      | 16.56" (421)                        | 17.95" (456)          | 3.32 (0.29)                              | 2.06 (0.19)                             | 42.56" (1081)   | 5.02 (0.52)                                       |
| 244DH1840     | 2.42 (0.22)                                      | 16.56" (421)                        | 20.95" (532)          | 3.69 (0.34)                              | 2.41 (0.22)                             | 36.56" (929)  | 6.43 (0.60)                                       |
| 244DH1846     | 2.75 (0.25)                                      | 16.56" (421)                        | 23.95" (608)          | 4.25 (0.40)                              | 2.75 (0.26)                             | 30.56" (776)  | 7.24 (0.67)                                       |
| 244DH1849     | 2.93 (0.27)                                      | 16.56" (421)                        | 25.46" (647)          | 4.83 (0.42)                              | 2.83 (0.27)                             | 27.56" (700)  | 7.65 (0.71)                                       |
| 244DH1860     | 3.10 (0.29)                                      | 16.56" (421)                        | 26.95" (685)          | 4.81 (0.45)                              | 3.10 (0.29)                             | 24.56" (624)  | 8.06 (0.76)                                       |
| 244DH1856     | 2.44 (0.22)                                      | 16.60" (421)                        | 29.95" (761)          | 5.37 (0.45)                              | 3.44 (0.32)                             | 18.56" (471)  | 8.87 (0.82)                                       |
| 244DH1850     | 2.79 (0.25)                                      | 16.56" (421)                        | 32.95" (837)          | 5.94 (0.55)                              | 3.79 (0.35)                             | 12.56" (319)  | 9.68 (0.90)                                       |
| 244DH2030     | 2.11 (0.20)                                      | 20.56" (522)                        | 14.95" (380)          | 3.32 (0.31)                              | 2.14 (0.20)                             | 48.56" (1233)   | 5.79 (0.54)                                       |
| 244DH2038     | 2.50 (0.24)                                      | 20.56" (522)                        | 17.95" (456)          | 4.05 (0.38)                              | 2.56 (0.24)                             | 42.56" (1081)   | 6.77 (0.63)                                       |
| 244DH2040     | 2.50 (0.23)                                      | 20.56" (522)                        | 20.95" (532)          | 4.78 (0.44)                              | 2.99 (0.28)                             | 36.56" (929)  | 7.75 (0.72)                                       |
| 244DH2046     | 2.77 (0.26)                                      | 20.56" (522)                        | 23.95" (608)          | 5.51 (0.51)                              | 3.42 (0.32)                             | 30.56" (776)  | 8.73 (0.81)                                       |
| 244DH2049     | 2.95 (0.28)                                      | 20.56" (522)                        | 25.45" (647)          | 5.88 (0.55)                              | 3.63 (0.34)                             | 27.56" (700)  | 9.22 (0.86)                                       |
| 244DH2050     | 3.07 (0.28)                                      | 20.56" (522)                        | 28.95" (685)          | 6.24 (0.58)                              | 3.85 (0.36)                             | 24.56" (624)  | 9.71 (0.90)                                       |
| 244DH2058     | 4.28 (0.40)                                      | 20.56" (522)                        | 29.95" (761)          | 6.97 (0.65)                              | 4.28 (0.40)                             | 18.56" (471)  | 10.69 (0.99)                                      |
| 244DH2060     | 4.71 (0.44)                                      | 20.56" (522)                        | 32.95" (837)          | 7.70 (0.72)                              | 4.71 (0.44)                             | 12.56" (319)  | 11.67 (1.03)                                      |
| 244DH2430     | 2.25 (0.21)                                      | 24.56" (624)                        | 14.95" (380)          | 4.08 (0.38)                              | 2.55 (0.24)                             | 48.56" (1233)   | 6.78 (0.63)                                       |
| 244DH2436     | 3.06 (0.28)                                      | 24.56" (624)                        | 17.95" (456)          | 4.98 (0.46)                              | 3.06 (0.28)                             | 42.56" (1081)   | 7.93 (0.74)                                       |
| 244DH2440     | 3.57 (0.33)                                      | 24.56" (624)                        | 20.95" (532)          | 5.88 (0.55)                              | 3.57 (0.33)                             | 36.56" (929)  | 9.07 (0.84)                                       |
| 244DH2446     | 4.09 (0.38)                                      | 24.56" (624)                        | 23.95" (608)          | 6.77 (0.63)                              | 4.09 (0.38)                             | 30.56" (776)  | 10.22 (0.95)                                      |
| 244DH2449     | 4.34 (0.40)                                      | 24.56" (624)                        | 25.46" (647)          | 7.22 (0.67)                              | 4.34 (0.40)                             | 27.56" (700)  | 10.79 (1.00)                                      |
| 244DH2450     | 4.69 (0.43)                                      | 24.56" (624)                        | 26.95" (685)          | 7.67 (0.71)                              | 4.60 (0.43)                             | 24.56" (624)  | 11.36 (1.06)                                      |
| 244DH2606     | 6.11 (0.48)                                      | 24.56" (624)                        | 29.95" (761)          | 8.56 (0.80)                              | 5.11 (0.48)                             | 18.56" (471)  | 12.51 (1.16)                                      |
| 244DH2600     | 5.91 (0.52)                                      | 24.56" (624)                        | 32.95" (837)          | 9.46 (0.88)                              | 5.62 (0.52)                             | 12.56" (319)  | 13.65 (1.27)                                      |
| 244DH2830     | 2.97 (0.28)                                      | 28.56" (726)                        | 14.95" (380)          | 4.84 (0.45)                              | 2.97 (0.28)                             | 48.56" (1233)   | 7.77 (0.72)                                       |
| 244DH2836     | 3.66 (0.33)                                      | 28.56" (726)                        | 17.95" (456)          | 5.91 (0.55)                              | 3.56 (0.33)                             | 42.56" (1081)   | 9.09 (0.81)                                       |
| 244DH2840     | 4.14 (0.39)                                      | 28.56" (726)                        | 20.95" (532)          | 6.97 (0.65)                              | 4.16 (0.39)                             | 36.56" (929)  | 10.39 (0.97)                                      |
| 244DH2846     | 4.75 (0.44)                                      | 28.56" (726)                        | 23.95" (608)          | 8.03 (0.75)                              | 4.75 (0.44)                             | 30.56" (776)  | 11.70 (1.09)                                      |
| 244DH2849     | 5.08 (0.47)                                      | 28.56" (726)                        | 25.45" (647)          | 8.66 (0.80)                              | 5.05 (0.47)                             | 27.56" (700)  | 12.36 (1.15)                                      |
| 244DH2850     | 5.35 (0.50)                                      | 28.56" (726)                        | 26.95" (685)          | 9.09 (0.84)                              | 5.35 (0.50)                             | 24.56" (624)  | 13.02 (1.21)                                      |
| 244DH2860     | 5.94 (0.56)                                      | 28.56" (726)                        | 29.95" (761)          | 10.16 (0.94)                             | 5.94 (0.55)                             | 18.56" (471)  | 14.53 (1.33)                                      |
| 244DH2850     | 6.54 (0.61)                                      | 28.56" (726)                        | 32.95" (837)          | 11.22 (1.04)                             | 6.54 (0.61)                             | 12.56" (319)  | 15.64 (1.45)                                      |
| 244DH3030     | 3.28 (0.31)                                      | 32.56" (827)                        | 14.95" (380)          | 5.60 (0.52)                              | 3.38 (0.31)                             | 48.56" (1233)   | 8.75 (0.81)                                       |
| 244DH3036     | 4.05 (0.38)                                      | 32.56" (827)                        | 17.95" (456)          | 6.83 (0.64)                              | 4.06 (0.38)                             | 42.56" (1081)   | 10.23 (0.95)                                      |
| 244DH3040     | 4.74 (0.44)                                      | 32.56" (827)                        | 20.95" (532)          | 8.06 (0.75)                              | 4.74 (0.44)                             | 36.56" (929)  | 11.71 (1.09)                                      |
| 244DH3046     | 5.40 (0.50)                                      | 32.56" (827)                        | 23.95" (608)          | 9.29 (0.86)                              | 5.42 (0.50)                             | 30.56" (776)  | 13.19 (1.23)                                      |
| 244DH3049     | 5.75 (0.54)                                      | 32.56" (827)                        | 25.45" (647)          | 9.91 (0.92)                              | 5.76 (0.54)                             | 27.56" (700)  | 13.93 (1.29)                                      |
| 244DH3060     | 6.70 (0.57)                                      | 32.56" (827)                        | 26.95" (685)          | 10.92 (0.98)                             | 6.09 (0.57)                             | 24.56" (624)  | 14.67 (1.36)                                      |
| 244DH3060     | 6.77 (0.63)                                      | 32.56" (827)                        | 29.95" (761)          | 11.75 (1.09)                             | 6.77 (0.63)                             | 18.56" (471)  | 16.15 (1.50)                                      |
| 244DH3060     | 7.05 (0.69)                                      | 32.56" (827)                        | 32.95" (837)          | 12.98 (1.21)                             | 7.45 (0.69)                             | 12.56" (319)  | 17.63 (1.64)                                      |
| 244DH3430     | 3.23 (0.35)                                      | 36.56" (929)                        | 14.95" (380)          | 6.36 (0.59)                              | 3.80 (0.35)                             | 48.56" (1233)   | 9.74 (0.91)                                       |
| 244DH3436     | 4.05 (0.42)                                      | 36.56" (929)                        | 17.95" (456)          | 7.76 (0.72)                              | 4.56 (0.42)                             | 42.56" (1081)   | 11.38 (1.06)                                      |
| 244DH3440     | 5.11 (0.49)                                      | 36.56" (929)                        | 20.95" (532)          | 9.16 (0.85)                              | 5.32 (0.49)                             | 36.56" (929)  | 13.05 (1.21)                                      |
| 244DH3446     | 6.06 (0.57)                                      | 36.56" (929)                        | 23.95" (608)          | 10.55 (0.96)                             | 6.08 (0.57)                             | 30.56" (776)  | 14.68 (1.36)                                      |
| 244DH3449     | 6.46 (0.60)                                      | 36.56" (929)                        | 25.45" (647)          | 11.25 (1.05)                             | 6.46 (0.60)                             | 27.56" (700)  | 16.50 (1.44)                                      |
| 244DH3450     | 6.81 (0.64)                                      | 36.56" (929)                        | 26.95" (685)          | 11.95 (1.11)                             | 6.84 (0.64)                             | 24.56" (624)  | 18.32 (1.52)                                      |
| 244DH3450     | 7.61 (0.71)                                      | 36.56" (929)                        | 29.95" (761)          | 13.34 (1.24)                             | 7.61 (0.71)                             | 18.56" (471)  | 19.97 (1.67)                                      |
| 244DH3460     | 8.57 (0.78)                                      | 36.56" (929)                        | 32.95" (837)          | 14.74 (1.37)                             | 8.37 (0.78)                             | 12.56" (319)  | 19.61 (1.82)                                      |

### Tilt-Wash Transom Window Specifications

| Window Number | Glass Area<br>Sq. Ft./ (m <sup>2</sup> ) | Overall Window Area<br>Sq. Ft./ (m <sup>2</sup> ) |
|---------------|--|---|
| 244FX1810     | 0.52 (0.05)                              | 1.55 (0.15)                                       |
| 244FX1816     | 1.05 (0.10)                              | 2.37 (0.22)                                       |
| 244FX1820     | 1.64 (0.15)                              | 3.18 (0.30)                                       |
| 244FX2010     | 0.87 (0.08)                              | 1.88 (0.17)                                       |
| 244FX2016     | 1.40 (0.13)                              | 2.86 (0.27)                                       |
| 244FX2020     | 2.13 (0.20)                              | 3.84 (0.36)                                       |
| 244FX2410     | 0.82 (0.08)                              | 2.20 (0.20)                                       |
| 244FX2416     | 1.72 (0.16)                              | 3.34 (0.31)                                       |
| 244FX2420     | 2.61 (0.24)                              | 4.49 (0.42)                                       |
| 244FX2810     | 0.97 (0.09)                              | 2.52 (0.23)                                       |
| 244FX2816     | 2.04 (0.19)                              | 3.83 (0.36)                                       |
| 244FX2820     | 3.10 (0.29)                              | 5.14 (0.48)                                       |
| 244FX3010     | 1.13 (0.11)                              | 2.84 (0.26)                                       |
| 244FX3016     | 2.36 (0.22)                              | 4.31 (0.40)                                       |
| 244FX3020     | 3.59 (0.33)                              | 5.70 (0.54)                                       |
| 244FX3410     | 1.28 (0.12)                              | 3.15 (0.29)                                       |
| 244FX3416     | 2.68 (0.25)                              | 4.80 (0.46)                                       |
| 244FX3420     | 4.07 (0.38)                              | 6.45 (0.60)                                       |

### Tilt-Wash Half Circle Area Specifications

| Window Number | Glass Area<br>Sq. Ft./ (m <sup>2</sup> ) | Overall Window Area<br>Sq. Ft./ (m <sup>2</sup> ) |
|---------------|--|---|
| 244HC18       | 0.50 (0.05)                              | 1.43 (0.13)                                       |
| 244HC20       | 0.84 (0.08)                              | 1.98 (0.18)                                       |
| 244HC24       | 1.26 (0.12)                              | 2.61 (0.24)                                       |
| 244HC28       | 1.77 (0.16)                              | 3.33 (0.31)                                       |
| 244HC30       | 2.37 (0.22)                              | 4.15 (0.39)                                       |
| 244HC34       | 3.06 (0.28)                              | 5.04 (0.47)                                       |

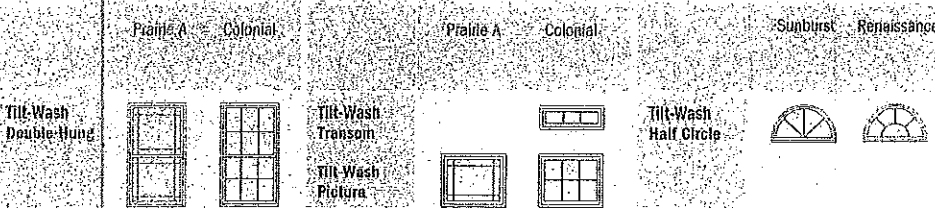
\* Dimensions in parentheses are in square meters.

\* Top of Subfloor to Top of Inside Sill Stop\* is calculated based upon a structural header height of 8'-10 1/2" (2096).

\* Dimensions in parentheses are in millimeters or square meters.

† Meet or exceed clear opening area of 5.7 sq. ft. or 0.53 m<sup>2</sup>, clear opening width of 20" (508) and clear opening height of 24" (610).

### Grille Patterns



Patterns are available for all units also in upper sash only (USO). Number of lights and overall pattern varies with window size. Patterns are not available in all configurations.

Specified equal light and custom patterns are also available. For more information on divided light see page 11 or visit [andersonwindows.com/grilles](http://andersonwindows.com/grilles).

