

**Table of Basic Unit Sizes—Tilt-Wash Double-Hung Windows** Scale 1/8" = 1'-0" (1:96)

Unit Dimension	1'-7 1/2"	1'-11 1/2"	2'-3 1/2"	2'-7 1/2"	2'-11 1/2"	3'-3 1/2"
<b>Minimum Rough Opening</b>	1'-8" (508)	2'-0" (610)	2'-4" (711)	2'-8" (813)	3'-0" (914)	3'-4" (1016)
<b>Unobstructed Glass</b>	13 1/2" (343)	17 1/2" (445)	21 1/2" (546)	25 1/2" (648)	29 1/2" (749)	33 1/2" (851)

  

Circle Tops	244CT18	244CT20	244CT24	244CT28	244CT30	244CT34
See chart at right for CT heights						

  

Transoms	244FX1810	244FX2010	244FX2410	244FX2810	244FX3010	244FX3410
11 1/2" (292)						
1'-0" (305)						
1'-5 1/2" (445)						
1'-6" (457)						
1'-11 1/2" (902)						
2'-0" (610)						
17 1/2" (445)						

  

Double-Hungs	244DH1830	244DH2030	244DH2430	244DH2830	244DH3030	244DH3430
2'-11 1/2" (902)						
3'-0" (914)						
3'-5 1/2" (1054)						
3'-6" (1067)						
3'-11 1/2" (1207)						
4'-0" (1219)						
4'-5 1/2" (1359)						
4'-6" (1372)						
4'-8 1/2" (1435)						
4'-9" (1448)						
4'-11 1/2" (1511)						
5'-0" (1524)						
5'-5 1/2" (1664)						
5'-6" (1676)						
5'-11 1/2" (1816)						
6'-0" (1829)						
31 1/2" (805)						

Grille Patterns		Circle Top	
Sunburst	Renaissance*	Unit Dim. Height	Rough Opp. Height
		244CT18*	1'-0 5/8" (321)
		244CT20*	1'-1 1/8" (333)
		244CT24	1'-2 5/8" (371)
		244CT28	1'-3 1/8" (384)
		244CT30	1'-4 5/8" (422)
		244CT34	1'-5 1/8" (435)
		244CT28	1'-6 5/8" (473)
		244CT30	1'-7 1/8" (486)
		244CT34	1'-8 5/8" (524)
		244CT34	1'-9 1/8" (537)
		244CT34	1'-10 5/8" (575)
		244CT34	1'-11 1/8" (587)

\*Renaissance pattern not available for 18 or 20 sizes.

- The "Unobstructed Glass" measurement shown for double-hung windows is for single sash only.
- **Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items.**
- "Unit Dimension" always refers to outside frame to frame dimension.
- Dimensions in parentheses are in millimeters.
- When ordering, be sure to specify color desired: White or Sandtone.
- † These units meet or exceed the following dimensions: Clear Openable Area of 5.7 sq. ft., Clear Openable Width of 20" and Clear Openable Height of 24"