

Table of Tilt-Wash Transom and Double-Hung Window Sizes

Scale 1/8" (3) = 1'-0" (305) – 1:96

Window Dimension	1'-7 1/2" (495)	1'-11 1/2" (597)	2'-3 1/2" (699)	2'-7 1/2" (800)	2'-11 1/2" (902)	3'-3 1/2" (1003)
Minimum Rough Opening	1'-8" (508)	2'-0" (610)	2'-4" (711)	2'-8" (813)	3'-0" (914)	3'-4" (1016)
Unobstructed Glass (lower sash only)	13 1/2" (343)	17 1/2" (445)	21 1/2" (546)	25 1/2" (648)	29 1/2" (749)	33 1/2" (851)

Window Dimension	1'-7 1/2" (495)	1'-11 1/2" (597)	2'-3 1/2" (699)	2'-7 1/2" (800)	2'-11 1/2" (902)	3'-3 1/2" (1003)
See Half Circle chart	244CT18	244CT20	244CT24	244CT28	244CT30	244CT34
11 1/2" (292)	244FX1810	244FX2010	244FX2410	244FX2810	244FX3010	244FX3410
1'-5 1/2" (445)	244FX1816	244FX2016	244FX2416	244FX2816	244FX3016	244FX3416
1'-11 1/2" (597)	244FX1820	244FX2020	244FX2420	244FX2820	244FX3020	244FX3420
2'-11 1/2" (902)	244DH1830	244DH2030	244DH2430	244DH2830	244DH3030	244DH3430
3'-5 1/2" (1054)	244DH1836	244DH2036	244DH2436	244DH2836	244DH3036	244DH3436
3'-11 1/2" (1207)	244DH1840	244DH2040	244DH2440	244DH2840	244DH3040	244DH3440
4'-5 1/2" (1359)	244DH1846	244DH2046	244DH2446	244DH2846	244DH3046	244DH3446
4'-8 1/2" (1435)	244DH1849	244DH2049	244DH2449	244DH2849	244DH3049 [◇]	244DH3449 [◇]
4'-11 1/2" (1511)	244DH1850	244DH2050	244DH2450	244DH2850	244DH3050 [◇]	244DH3450 [◇]
5'-5 1/2" (1664)	244DH1856	244DH2056	244DH2456	244DH2856 [◇]	244DH3056 [◇]	244DH3456 [◇]
5'-11 1/2" (1816)	244DH1860	244DH2060	244DH2460	244DH2860 [◇]	244DH3060 [◇]	244DH3460 [◇]

Table of Tilt-Wash Half Circle Window Sizes

Scale 1/8" (3) = 1'-0" (305) – 1:96

Window Dimension	1'-7 1/2" (495)	1'-11 1/2" (597)
Minimum Rough Opening	1'-8" (508)	2'-0" (610)
Unobstructed Glass	13 1/2" (343)	17 1/2" (445)

Window Dimension	1'-7 1/2" (495)	1'-11 1/2" (597)
1'-0 5/8" (321)	244CT18	244CT20
1'-1 1/8" (333)		
1'-2 5/8" (371)		
1'-3 1/8" (384)		
1'-4 5/8" (422)		
1'-5 1/8" (435)		
1'-6 5/8" (473)		
1'-7 1/8" (486)		
1'-8 5/8" (524)		
1'-9 1/8" (537)		
1'-10 5/8" (575)		
1'-11 1/8" (587)		
1'-12 5/8" (625)		
1'-1 1/2" (396)	244CT24	244CT28
2'-3 1/2" (699)		
2'-4" (711)		
2'-8" (813)		
2'-11 1/2" (902)		
2'-11 1/2" (902)		
3'-0" (914)		
3'-4" (1016)		
3'-5 1/2" (1054)		
3'-11 1/2" (1207)		
4'-0" (1219)		
4'-5 1/2" (1359)		
4'-8 1/2" (1435)		
4'-11 1/2" (1511)		
5'-0" (1524)		
5'-5 1/2" (1664)		
5'-11 1/2" (1816)		
21 1/2" (546)		
25 1/2" (648)		
29 1/2" (749)		
33 1/2" (851)		

• "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 panning, brackets, fasteners or other items.
 • Dimensions in parentheses are in millimeters.
 ◇ Meet or exceed clear opening area of 5.7 sq. ft. or 0.53 m², clear opening width of 20" (508) and clear opening height of 24" (610).