









































































400 SERIES

Tilt-Wash Double-Hung Full-Frame Cottage Windows

Rough Opening		1'-10 $\frac{1}{8}$ " (562)	2'-2 $\frac{1}{8}$ " (664)	2'-6 $\frac{1}{8}$ " (765)	2'-8 $\frac{1}{8}$ " (816)	2'-10 $\frac{1}{8}$ " (867)	3'-0 $\frac{1}{8}$ " (918)	3'-2 $\frac{1}{8}$ " (968)	3'-6 $\frac{1}{8}$ " (1070)	3'-10 $\frac{1}{8}$ " (1172)
		1'-9 $\frac{5}{8}$ " (549)	2'-1 $\frac{5}{8}$ " (651)	2'-5 $\frac{5}{8}$ " (752)	2'-7 $\frac{5}{8}$ " (803)	2'-9 $\frac{5}{8}$ " (854)	2'-11 $\frac{5}{8}$ " (905)	3'-1 $\frac{5}{8}$ " (956)	3'-5 $\frac{5}{8}$ " (1057)	3'-9 $\frac{5}{8}$ " (1159)
Unit Dimension		Tilt-Wash Double-Hung Full-Frame Cottage Windows (TW C)								
4'-0 $\frac{1}{8}$ " (1241)	4'-0 $\frac{1}{8}$ " (1241)									
4'-4 $\frac{1}{8}$ " (1342)	4'-4 $\frac{1}{8}$ " (1342)									
4'-8 $\frac{1}{8}$ " (1444)	4'-8 $\frac{1}{8}$ " (1444)									
5'-0 $\frac{1}{8}$ " (1546)	5'-0 $\frac{1}{8}$ " (1546)									
5'-4 $\frac{1}{8}$ " (1647)	5'-4 $\frac{1}{8}$ " (1647)									
5'-8 $\frac{1}{8}$ " (1749)	5'-8 $\frac{1}{8}$ " (1749)									
6'-0 $\frac{1}{8}$ " (1850)	6'-0 $\frac{1}{8}$ " (1850)									
6'-4 $\frac{1}{8}$ " (1952)	6'-4 $\frac{1}{8}$ " (1952)									

Notes:

"Unit Dimension" always refers to outside frame to frame dimension.

"Rough Opening" dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items.



























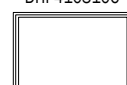
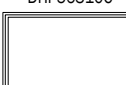






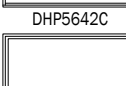





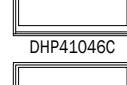
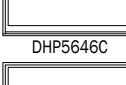





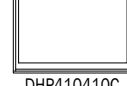
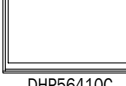












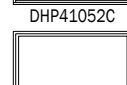
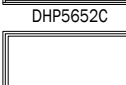





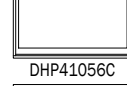
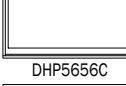
Dimensions in parentheses are in millimeters.

♦ 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).

Date: 10/04/16

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

Tilt-Wash Picture Windows (Cottage Alignment)

Rough Opening	Unit Dimension						
	1'-0 $\frac{7}{8}$ " (318)	3'-2 $\frac{1}{8}$ " (968)	3'-6 $\frac{3}{8}$ " (1070)	3'-11 $\frac{13}{16}$ " (1214)	4'-3 $\frac{13}{16}$ " (1316)	4'-11 $\frac{13}{16}$ " (1519)	5'-7 $\frac{13}{16}$ " (1722)
	1'-0" (305)	3'-1 $\frac{5}{8}$ " (956)	3'-5 $\frac{5}{8}$ " (1057)	3'-11 $\frac{3}{16}$ " (1202)	4'-3 $\frac{3}{16}$ " (1303)	4'-11 $\frac{3}{16}$ " (1507)	5'-7 $\frac{3}{16}$ " (1710)
Tilt-Wash Picture Windows - Cottage Alignment (DHP C)							
3'-4 $\frac{1}{8}$ " (1038)							
3'-8 $\frac{1}{8}$ " (1139)							
3'-11 $\frac{1}{2}$ " (1209)							
4'-4 $\frac{1}{8}$ " (1342)							
4'-8 $\frac{1}{8}$ " (1444)							
5'-0 $\frac{1}{8}$ " (1546)							
5'-4 $\frac{1}{8}$ " (1647)							
5'-8 $\frac{1}{8}$ " (1749)							
6'-0 $\frac{1}{8}$ " (1850)							
6'-4 $\frac{1}{8}$ " (1952)							

Notes:

"Unit Dimension" always refers to outside frame to frame dimension.

"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.






Date: 10/04/16

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

400 SERIES

Tilt-Wash Transom Windows

Rough Opening	Unit Dimension	Tilt-Wash Transom Windows (TWT)								
		1'-10 $\frac{1}{8}$ " (562)	2'-2 $\frac{1}{8}$ " (664)	2'-6 $\frac{1}{8}$ " (765)	2'-8 $\frac{1}{8}$ " (816)	2'-10 $\frac{1}{8}$ " (867)	3'-0 $\frac{1}{8}$ " (918)	3'-2 $\frac{1}{8}$ " (968)	3'-6 $\frac{1}{8}$ " (1070)	3'-10 $\frac{1}{8}$ " (1172)
		1'-9 $\frac{1}{8}$ " (549)	2'-1 $\frac{1}{8}$ " (651)	2'-5 $\frac{1}{8}$ " (752)	2'-7 $\frac{1}{8}$ " (803)	2'-9 $\frac{1}{8}$ " (854)	2'-11 $\frac{1}{8}$ " (905)	3'-1 $\frac{1}{8}$ " (956)	3'-5 $\frac{1}{8}$ " (1057)	3'-9 $\frac{1}{8}$ " (1159)
1'-0 $\frac{1}{8}$ " (317)	1'-0"									
1'-7 $\frac{1}{8}$ " (505)	1'-7 $\frac{1}{8}$ "									
1'-9 $\frac{1}{8}$ " (556)	1'-9 $\frac{1}{8}$ "									
2'-1 $\frac{1}{8}$ " (657)	2'-1 $\frac{1}{8}$ "									
2'-3 $\frac{1}{8}$ " (708)	2'-3 $\frac{1}{8}$ "									
2'-5 $\frac{1}{8}$ " (759)	2'-5 $\frac{1}{8}$ "									
2'-9 $\frac{1}{8}$ " (860)	2'-9 $\frac{1}{8}$ "									
3'-3 $\frac{1}{8}$ " (1013)	3'-3 $\frac{1}{8}$ "									

Rough Opening	Unit Dimension	3'-11 $\frac{1}{8}$ " (1216)	4'-3 $\frac{1}{8}$ " (1318)	4'-11 $\frac{1}{8}$ " (1521)	5'-7 $\frac{1}{8}$ " (1724)	6'-3 $\frac{1}{8}$ " (1927)
		3'-11 $\frac{5}{16}$ " (1202)	4'-3 $\frac{5}{16}$ " (1303)	4'-11 $\frac{5}{16}$ " (1507)	5'-7 $\frac{5}{16}$ " (1710)	6'-3 $\frac{5}{16}$ " (1913)
Tilt-Wash Transom Windows (TWT)						
1'-0 $\frac{1}{2}$ " (317)	1'-0" (305)					
		TWT31010	TWT4210	TWT41010	TWT5610	TWT6210

Notes:

"Unit Dimension" always refers to outside frame to frame dimension.

"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.

Date: 10/04/16

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