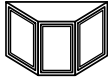
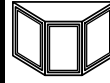


ALUMINUM CLAD WOOD CASEMENT WINDOWS



ALUMINUM CLAD WOOD WINDOWS
CASEMENT, 3-WIDE, 30° ANGLE BAY



(continued)
ALUMINUM CLAD WOOD WINDOWS
CASEMENT, 3-WIDE, 30° ANGLE BAY

CALLOUT	STANDARD	ROUGH OPENING METRIC
15 23 15 x 35 -3WAB	5'8 1/16" x 3'6"	(1741 x 1067)
15 27 15 x 35 -3WAB	6'0 1/16" x 3'6"	(1843 x 1067)
15 35 15 x 35 -3WAB	6'8 1/16" x 3'6"	(2046 x 1067)
15 43 15 x 35 -3WAB	7'4 1/16" x 3'6"	(2249 x 1067)
<hr/>		
15 23 15 x 43 -3WAB	5'8 1/16" x 4'2"	(1741 x 1270)
15 27 15 x 43 -3WAB	6'0 1/16" x 4'2"	(1843 x 1270)
15 35 15 x 43 -3WAB	6'8 1/16" x 4'2"	(2046 x 1270)
15 43 15 x 43 -3WAB	7'4 1/16" x 4'2"	(2249 x 1270)
15 47 15 x 43 -3WAB	7'8 1/16" x 4'2"	(2351 x 1270)
<hr/>		
15 27 15 x 47 -3WAB	6'0 1/16" x 4'6"	(1843 x 1372)
15 35 15 x 47 -3WAB	6'8 1/16" x 4'6"	(2046 x 1372)
15 43 15 x 47 -3WAB	7'4 1/16" x 4'6"	(2249 x 1372)
15 47 15 x 47 -3WAB	7'8 1/16" x 4'6"	(2351 x 1372)
15 55 15 x 47 -3WAB	8'4 1/16" x 4'6"	(2554 x 1372)
<hr/>		
15 35 15 x 55 -3WAB	6'8 1/16" x 5'2"	(2046 x 1575)
15 43 15 x 55 -3WAB	7'4 1/16" x 5'2"	(2249 x 1575)
15 47 15 x 55 -3WAB	7'8 1/16" x 5'2"	(2351 x 1575)
15 55 15 x 55 -3WAB	8'4 1/16" x 5'2"	(2554 x 1575)

Projection is 11 13/16"

CALLOUT	STANDARD	ROUGH OPENING METRIC
19 23 19 x 35 -3WAB	6'3 1/2" x 3'6"	(1918 x 1067)
19 27 19 x 35 -3WAB	6'7 1/2" x 3'6"	(2019 x 1067)
19 35 19 x 35 -3WAB	7'3 1/2" x 3'6"	(2223 x 1067)
19 43 19 x 35 -3WAB	7'11 1/2" x 3'6"	(2426 x 1067)
<hr/>		
19 23 19 x 43 -3WAB	6'3 1/2" x 4'2"	(1918 x 1270)
19 27 19 x 43 -3WAB	6'7 1/2" x 4'2"	(2019 x 1270)
19 35 19 x 43 -3WAB	7'3 1/2" x 4'2"	(2223 x 1270)
19 43 19 x 43 -3WAB	7'11 1/2" x 4'2"	(2426 x 1270)
19 47 19 x 43 -3WAB	8'3 1/2" x 4'2"	(2527 x 1270)
<hr/>		
19 27 19 x 47 -3WAB	6'7 1/2" x 4'6"	(2019 x 1372)
19 35 19 x 47 -3WAB	7'3 1/2" x 4'6"	(2223 x 1372)
19 43 19 x 47 -3WAB	7'11 1/2" x 4'6"	(2426 x 1372)
19 47 19 x 47 -3WAB	8'3 1/2" x 4'6"	(2527 x 1372)
19 55 19 x 47 -3WAB	8'11 1/2" x 4'6"	(2731 x 1372)
<hr/>		
19 35 19 x 55 -3WAB	7'3 1/2" x 5'2"	(2223 x 1575)
19 43 19 x 55 -3WAB	7'11 1/2" x 5'2"	(2426 x 1575)
19 47 19 x 55 -3WAB	8'3 1/2" x 5'2"	(2527 x 1575)
19 55 19 x 55 -3WAB	8'11 1/2" x 5'2"	(2731 x 1575)

Projection is 13 13/16"

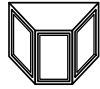
(continued)

CALLOUT	STANDARD	ROUGH OPENING METRIC
23 35 23 x 35 -3WAB	7'10 7/16" x 3'6"	(2399 x 1067)
23 43 23 x 35 -3WAB	8'6 7/16" x 3'6"	(2602 x 1067)
23 55 23 x 35 -3WAB	9'6 7/16" x 3'6"	(2907 x 1067)
<hr/>		
23 35 23 x 43 -3WAB	7'10 7/16" x 4'2"	(2399 x 1270)
23 43 23 x 43 -3WAB	8'6 7/16" x 4'2"	(2602 x 1270)
23 55 23 x 43 -3WAB	9'6 7/16" x 4'2"	(2907 x 1270)
<hr/>		
23 35 23 x 47 -3WAB	7'10 7/16" x 4'6"	(2399 x 1372)
23 43 23 x 47 -3WAB	8'6 7/16" x 4'6"	(2602 x 1372)
23 55 23 x 47 -3WAB	9'6 7/16" x 4'6"	(2907 x 1372)
<hr/>		
23 35 23 x 55 -3WAB	7'10 7/16" x 5'2"	(2399 x 1575)
23 43 23 x 55 -3WAB	8'6 7/16" x 5'2"	(2602 x 1575)
23 55 23 x 55 -3WAB	9'6 7/16" x 5'2"	(2907 x 1575)

Projection is 15 13/16"

■ To meet egress, must specify on order "with Egress Hinge."

ALUMINUM CLAD WOOD CASEMENT WINDOWS



ALUMINUM CLAD WOOD WINDOWS
CASEMENT, 3-WIDE, 45° ANGLE BAY



(continued)
ALUMINUM CLAD WOOD WINDOWS
CASEMENT, 3-WIDE, 45° ANGLE BAY

CALLOUT	STANDARD	ROUGH OPENING METRIC
15 23 15 x 35 -3WAB	5'4 1/2" x 3'6"	(1638 x 1067)
15 27 15 x 35 -3WAB	5'8 1/2" x 3'6"	(1740 x 1067)
15 35 15 x 35 -3WAB	6'4 1/2" x 3'6"	(1943 x 1067)
15 43 15 x 35 -3WAB	7'0 1/2" x 3'6"	(2146 x 1067)
<hr/>		
15 23 15 x 43 -3WAB	5'4 1/2" x 4'2"	(1638 x 1270)
15 27 15 x 43 -3WAB	5'8 1/2" x 4'2"	(1740 x 1270)
15 35 15 x 43 -3WAB	6'4 1/2" x 4'2"	(1943 x 1270)
15 43 15 x 43 -3WAB	7'0 1/2" x 4'2"	(2146 x 1270)
15 47 15 x 43 -3WAB	7'4 1/2" x 4'2"	(2248 x 1270)
<hr/>		
15 27 15 x 47 -3WAB	5'8 1/2" x 4'6"	(1740 x 1372)
15 35 15 x 47 -3WAB	6'4 1/2" x 4'6"	(1943 x 1372)
15 43 15 x 47 -3WAB	7'0 1/2" x 4'6"	(2146 x 1372)
15 47 15 x 47 -3WAB	7'4 1/2" x 4'6"	(2248 x 1372)
15 55 15 x 47 -3WAB	8'0 1/2" x 4'6"	(2451 x 1372)
<hr/>		
15 35 15 x 55 -3WAB	6'4 1/2" x 5'2"	(1943 x 1575)
15 43 15 x 55 -3WAB	7'0 1/2" x 5'2"	(2146 x 1575)
15 47 15 x 55 -3WAB	7'4 1/2" x 5'2"	(2248 x 1575)
15 55 15 x 55 -3WAB	8'0 1/2" x 5'2"	(2451 x 1575)

Projection is 16 11/16"

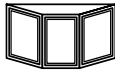
CALLOUT	STANDARD	ROUGH OPENING METRIC
19 23 19 x 35 -3WAB	5'10 3/16" x 3'6"	(1783 x 1067)
19 27 19 x 35 -3WAB	6'2 3/16" x 3'6"	(1884 x 1067)
19 35 19 x 35 -3WAB	6'10 3/16" x 3'6"	(2088 x 1067)
19 43 19 x 35 -3WAB	7'6 3/16" x 3'6"	(2291 x 1067)
<hr/>		
19 23 19 x 43 -3WAB	5'10 3/16" x 4'2"	(1783 x 1270)
19 27 19 x 43 -3WAB	6'2 3/16" x 4'2"	(1884 x 1270)
19 35 19 x 43 -3WAB	6'10 3/16" x 4'2"	(2088 x 1270)
19 43 19 x 43 -3WAB	7'6 3/16" x 4'2"	(2291 x 1270)
19 47 19 x 43 -3WAB	7'10 3/16" x 4'2"	(2392 x 1270)
<hr/>		
19 27 19 x 47 -3WAB	6'2 3/16" x 4'6"	(1884 x 1372)
19 35 19 x 47 -3WAB	6'10 3/16" x 4'6"	(2088 x 1372)
19 43 19 x 47 -3WAB	7'6 3/16" x 4'6"	(2291 x 1372)
19 47 19 x 47 -3WAB	7'10 3/16" x 4'6"	(2392 x 1372)
19 55 19 x 47 -3WAB	8'6 3/16" x 4'6"	(2596 x 1372)
<hr/>		
19 35 19 x 55 -3WAB	6'10 3/16" x 5'2"	(2088 x 1575)
19 43 19 x 55 -3WAB	7'6 3/16" x 5'2"	(2291 x 1575)
19 47 19 x 55 -3WAB	7'10 3/16" x 5'2"	(2392 x 1575)
19 55 19 x 55 -3WAB	8'6 3/16" x 5'2"	(2596 x 1575)

Projection is 19 1/2"

(continued)

■ To meet egress, must specify on order "with Egress Hinge."

ALUMINUM CLAD WOOD CASEMENT WINDOWS



ALUMINUM CLAD WOOD WINDOWS CASEMENT, 3-WIDE, BOW BAY



(continued)
ALUMINUM CLAD WOOD WINDOWS CASEMENT, 4-WIDE, BOW BAY

CALLOUT	ROUGH OPENING	
	STANDARD	METRIC
15 x 19 -3WBB	5'1 7/8" x 2'2"	(1572 x 660)
15 x 23 -3WBB	5'1 7/8" x 2'6"	(1572 x 762)
15 x 27 -3WBB	5'1 7/8" x 2'10"	(1572 x 864)
15 x 31 -3WBB	5'1 7/8" x 3'2"	(1572 x 965)
15 x 35 -3WBB	5'1 7/8" x 3'6"	(1572 x 1067)
15 x 43 -3WBB	5'1 7/8" x 4'2"	(1572 x 1270)
15 x 47 -3WBB	5'1 7/8" x 4'6"	(1572 x 1372)
15 x 55 -3WBB	5'1 7/8" x 5'2"	(1572 x 1575)
15 x 59 -3WBB	5'1 7/8" x 5'6"	(1572 x 1676)
15 x 67 -3WBB	5'1 7/8" x 6'2"	(1572 x 1880)

Projection is 6 7/16"

19 x 19 -3WBB	6'1 5/8" x 2'2"	(1870 x 660)
19 x 23 -3WBB	6'1 5/8" x 2'6"	(1870 x 762)
19 x 27 -3WBB	6'1 5/8" x 2'10"	(1870 x 864)
19 x 31 -3WBB	6'1 5/8" x 3'2"	(1870 x 965)
19 x 35 -3WBB	6'1 5/8" x 3'6"	(1870 x 1067)
19 x 43 -3WBB	6'1 5/8" x 4'2"	(1870 x 1270)
19 x 47 -3WBB	6'1 5/8" x 4'6"	(1870 x 1372)
19 x 55 -3WBB	6'1 5/8" x 5'2"	(1870 x 1575)
19 x 59 -3WBB	6'1 5/8" x 5'6"	(1870 x 1676)
19 x 67 -3WBB	6'1 5/8" x 6'2"	(1870 x 1880)

Projection is 7 15/32"

23 x 19 -3WBB ³	7'1 5/16" x 2'2"	(2167 x 660)
23 x 23 -3WBB	7'1 5/16" x 2'6"	(2167 x 762)
23 x 27 -3WBB	7'1 5/16" x 2'10"	(2167 x 864)
23 x 31 -3WBB	7'1 5/16" x 3'2"	(2167 x 965)
23 x 35 -3WBB	7'1 5/16" x 3'6"	(2167 x 1067)
23 x 43 -3WBB	7'1 5/16" x 4'2"	(2167 x 1270)
23 x 47 -3WBB	7'1 5/16" x 4'6"	(2167 x 1372)
23 x 55 -3WBB	7'1 5/16" x 5'2"	(2167 x 1575)
23 x 59 -3WBB	7'1 5/16" x 5'6"	(2167 x 1676)
23 x 67 -3WBB	7'1 5/16" x 6'2"	(2167 x 1880)

Projection is 8 1/2"



ALUMINUM CLAD WOOD WINDOWS CASEMENT, 4-WIDE, BOW BAY

CALLOUT	ROUGH OPENING	
	STANDARD	METRIC
15 x 19 -4WBB	6'9 1/2" x 2'2"	(2070 x 660)
15 x 23 -4WBB	6'9 1/2" x 2'6"	(2070 x 762)
15 x 27 -4WBB	6'9 1/2" x 2'10"	(2070 x 864)
15 x 31 -4WBB	6'9 1/2" x 3'2"	(2070 x 965)
15 x 35 -4WBB	6'9 1/2" x 3'6"	(2070 x 1067)
15 x 43 -4WBB	6'9 1/2" x 4'2"	(2070 x 1270)
15 x 47 -4WBB	6'9 1/2" x 4'6"	(2070 x 1372)
15 x 55 -4WBB	6'9 1/2" x 5'2"	(2070 x 1575)
15 x 59 -4WBB	6'9 1/2" x 5'6"	(2070 x 1676)
15 x 67 -4WBB	6'9 1/2" x 6'2"	(2070 x 1880)

Projection is 11 13/16"

19 x 19 -4WBB	8'0 13/16" x 2'2"	(2459 x 660)
19 x 23 -4WBB	8'0 13/16" x 2'6"	(2459 x 762)
19 x 27 -4WBB	8'0 13/16" x 2'10"	(2459 x 864)
19 x 31 -4WBB	8'0 13/16" x 3'2"	(2459 x 965)
19 x 35 -4WBB	8'0 13/16" x 3'6"	(2459 x 1067)
19 x 43 -4WBB	8'0 13/16" x 4'2"	(2459 x 1270)

(continued)

CALLOUT	ROUGH OPENING	
	STANDARD	METRIC
19 x 47 -4WBB	8'0 13/16" x 4'6"	(2459 x 1372)
19 x 55 -4WBB	8'0 13/16" x 5'2"	(2459 x 1575)
19 x 59 -4WBB	8'0 13/16" x 5'6"	(2459 x 1676)
19 x 67 -4WBB	8'0 13/16" x 6'2"	(2459 x 1880)

Projection is 13 7/8"

23 x 19 -4WBB ³	9'4 1/8" x 2'2"	(2848 x 660)
23 x 23 -4WBB	9'4 1/8" x 2'6"	(2848 x 762)
23 x 27 -4WBB	9'4 1/8" x 2'10"	(2848 x 864)
23 x 31 -4WBB	9'4 1/8" x 3'2"	(2848 x 965)
23 x 35 -4WBB	9'4 1/8" x 3'6"	(2848 x 1067)
23 x 43 -4WBB	9'4 1/8" x 4'2"	(2848 x 1270)
23 x 47 -4WBB	9'4 1/8" x 4'6"	(2848 x 1372)
23 x 55 -4WBB	9'4 1/8" x 5'2"	(2848 x 1575)
23 x 59 -4WBB	9'4 1/8" x 5'6"	(2848 x 1676)
23 x 67 -4WBB	9'4 1/8" x 6'2"	(2848 x 1880)

Projection is 15 15/16"



ALUMINUM CLAD WOOD WINDOWS CASEMENT, 5-WIDE, BOW BAY

CALLOUT	ROUGH OPENING	
	STANDARD	METRIC
15 x 19 -5WBB	8'3 9/16" x 2'2"	(2529 x 660)
15 x 23 -5WBB	8'3 9/16" x 2'6"	(2529 x 762)
15 x 27 -5WBB	8'3 9/16" x 2'10"	(2529 x 864)
15 x 31 -5WBB	8'3 9/16" x 3'2"	(2529 x 965)
15 x 35 -5WBB	8'3 9/16" x 3'6"	(2529 x 1067)
15 x 43 -5WBB	8'3 9/16" x 4'2"	(2529 x 1270)
15 x 47 -5WBB	8'3 9/16" x 4'6"	(2529 x 1372)
15 x 55 -5WBB	8'3 9/16" x 5'2"	(2529 x 1575)
15 x 67 -5WBB	8'3 9/16" x 6'2"	(2529 x 1880)

Projection is 17"

19 x 19 -5WBB	9'10 1/4" x 2'2"	(3004 x 660)
19 x 23 -5WBB	9'10 1/4" x 2'6"	(3004 x 762)
19 x 27 -5WBB	9'10 1/4" x 2'10"	(3004 x 864)
19 x 31 -5WBB	9'10 1/4" x 3'2"	(3004 x 965)
19 x 35 -5WBB	9'10 1/4" x 3'6"	(3004 x 1067)
19 x 43 -5WBB	9'10 1/4" x 4'2"	(3004 x 1270)
19 x 47 -5WBB	9'10 1/4" x 4'6"	(3004 x 1372)
19 x 55 -5WBB	9'10 1/4" x 5'2"	(3004 x 1575)
19 x 67 -5WBB	9'10 1/4" x 6'2"	(3004 x 1880)

Projection is 20"

23 x 19 -5WBB ³	11'4 7/8" x 2'2"	(3477 x 660)
23 x 23 -5WBB	11'4 7/8" x 2'6"	(3477 x 762)
23 x 27 -5WBB	11'4 7/8" x 2'10"	(3477 x 864)
23 x 31 -5WBB	11'4 7/8" x 3'2"	(3477 x 965)
23 x 35 -5WBB	11'4 7/8" x 3'6"	(3477 x 1067)
23 x 43 -5WBB	11'4 7/8" x 4'2"	(3477 x 1270)
23 x 47 -5WBB	11'4 7/8" x 4'6"	(3477 x 1372)
23 x 55 -5WBB	11'4 7/8" x 5'2"	(3477 x 1575)
23 x 67 -5WBB	11'4 7/8" x 6'2"	(3477 x 1880)

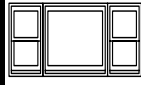
Projection is 23 1/16"

³To meet egress, must specify on order "with Egress Hinge."

³Unit is not available as operating.

ALUMINUM CLAD WOOD TILT DOUBLE HUNG WINDOWS

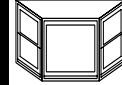
PREMIUM SERIES



ALUMINUM CLAD WOOD WINDOWS
TILT DOUBLE HUNG, 3-WIDE PICTURE
COMBINATION

CALLOUT	ROUGH OPENING STANDARD	ROUGH OPENING METRIC	BASIC UNIT SIZE
16 36 16 x 42 -3W	71" x 41"	(2159 x 1245)	1'9 ¹ / ₂ " 3'5 ¹ / ₂ " 1'9 ¹ / ₂ " x 4'0 ¹ / ₂ "
16 36 16 x 46 -3W	71" x 45"	(2159 x 1346)	1'9 ¹ / ₂ " 3'5 ¹ / ₂ " 1'9 ¹ / ₂ " x 4'4 ¹ / ₂ "
16 48 16 x 46 -3W	81" x 45"	(2464 x 1346)	1'9 ¹ / ₂ " 4'5 ¹ / ₂ " 1'9 ¹ / ₂ " x 4'4 ¹ / ₂ "
16 56 16 x 46 -3W	89" x 45"	(2667 x 1346)	1'9 ¹ / ₂ " 5'1 ¹ / ₂ " 1'9 ¹ / ₂ " x 4'4 ¹ / ₂ "
16 36 16 x 50 -3W	71" x 49"	(2159 x 1448)	1'9 ¹ / ₂ " 3'5 ¹ / ₂ " 1'9 ¹ / ₂ " x 4'8 ¹ / ₂ "
16 48 16 x 50 -3W	81" x 49"	(2464 x 1448)	1'9 ¹ / ₂ " 4'5 ¹ / ₂ " 1'9 ¹ / ₂ " x 4'8 ¹ / ₂ "
16 56 16 x 50 -3W	89" x 49"	(2667 x 1448)	1'9 ¹ / ₂ " 5'1 ¹ / ₂ " 1'9 ¹ / ₂ " x 4'8 ¹ / ₂ "
16 64 16 x 50 -3W	95" x 49"	(2870 x 1448)	1'9 ¹ / ₂ " 5'9 ¹ / ₂ " 1'9 ¹ / ₂ " x 4'8 ¹ / ₂ "
20 36 20 x 42 -3W	79" x 41"	(2362 x 1245)	2'1 ¹ / ₂ " 3'5 ¹ / ₂ " 2'1 ¹ / ₂ " x 4'0 ¹ / ₂ "
20 36 20 x 46 -3W	79" x 45"	(2362 x 1346)	2'1 ¹ / ₂ " 3'5 ¹ / ₂ " 2'1 ¹ / ₂ " x 4'4 ¹ / ₂ "
20 48 20 x 46 -3W	89" x 45"	(2667 x 1346)	2'1 ¹ / ₂ " 4'5 ¹ / ₂ " 2'1 ¹ / ₂ " x 4'4 ¹ / ₂ "
20 56 20 x 46 -3W	95" x 45"	(2870 x 1346)	2'1 ¹ / ₂ " 5'1 ¹ / ₂ " 2'1 ¹ / ₂ " x 4'4 ¹ / ₂ "
20 36 20 x 50 -3W	79" x 49"	(2362 x 1448)	2'1 ¹ / ₂ " 3'5 ¹ / ₂ " 2'1 ¹ / ₂ " x 4'8 ¹ / ₂ "
20 48 20 x 50 -3W	89" x 49"	(2667 x 1448)	2'1 ¹ / ₂ " 4'5 ¹ / ₂ " 2'1 ¹ / ₂ " x 4'8 ¹ / ₂ "
20 56 20 x 50 -3W	95" x 49"	(2870 x 1448)	2'1 ¹ / ₂ " 5'1 ¹ / ₂ " 2'1 ¹ / ₂ " x 4'8 ¹ / ₂ "
20 64 20 x 50 -3W	10'1" x 49"	(3073 x 1448)	2'1 ¹ / ₂ " 5'9 ¹ / ₂ " 2'1 ¹ / ₂ " x 4'8 ¹ / ₂ "
20 48 20 x 58 -3W	89" x 55"	(2667 x 1651)	2'1 ¹ / ₂ " 4'5 ¹ / ₂ " 2'1 ¹ / ₂ " x 5'4 ¹ / ₂ "
20 56 20 x 58 -3W	95" x 55"	(2870 x 1651)	2'1 ¹ / ₂ " 5'1 ¹ / ₂ " 2'1 ¹ / ₂ " x 5'4 ¹ / ₂ "
20 64 20 x 58 -3W	10'1" x 55"	(3073 x 1651)	2'1 ¹ / ₂ " 5'9 ¹ / ₂ " 2'1 ¹ / ₂ " x 5'4 ¹ / ₂ "
20 48 20 x 62 -3W	89" x 59"	(2667 x 1753)	2'1 ¹ / ₂ " 4'5 ¹ / ₂ " 2'1 ¹ / ₂ " x 5'8 ¹ / ₂ "
20 56 20 x 62 -3W	95" x 59"	(2870 x 1753)	2'1 ¹ / ₂ " 5'1 ¹ / ₂ " 2'1 ¹ / ₂ " x 5'8 ¹ / ₂ "
20 64 20 x 62 -3W	10'1" x 59"	(3073 x 1753)	2'1 ¹ / ₂ " 5'9 ¹ / ₂ " 2'1 ¹ / ₂ " x 5'8 ¹ / ₂ "
24 36 24 x 42 -3W	85" x 41"	(2565 x 1245)	2'5 ¹ / ₂ " 3'5 ¹ / ₂ " 2'5 ¹ / ₂ " x 4'0 ¹ / ₂ "
24 36 24 x 46 -3W	85" x 45"	(2565 x 1346)	2'5 ¹ / ₂ " 3'5 ¹ / ₂ " 2'5 ¹ / ₂ " x 4'4 ¹ / ₂ "
24 48 24 x 46 -3W	95" x 45"	(2870 x 1346)	2'5 ¹ / ₂ " 4'5 ¹ / ₂ " 2'5 ¹ / ₂ " x 4'4 ¹ / ₂ "
24 56 24 x 46 -3W	10'1" x 45"	(3073 x 1346)	2'5 ¹ / ₂ " 5'1 ¹ / ₂ " 2'5 ¹ / ₂ " x 4'4 ¹ / ₂ "
24 36 24 x 50 -3W	85" x 49"	(2565 x 1448)	2'5 ¹ / ₂ " 3'5 ¹ / ₂ " 2'5 ¹ / ₂ " x 4'8 ¹ / ₂ "
24 48 24 x 50 -3W	95" x 49"	(2870 x 1448)	2'5 ¹ / ₂ " 4'5 ¹ / ₂ " 2'5 ¹ / ₂ " x 4'8 ¹ / ₂ "
24 56 24 x 50 -3W	10'1" x 49"	(3073 x 1448)	2'5 ¹ / ₂ " 5'1 ¹ / ₂ " 2'5 ¹ / ₂ " x 4'8 ¹ / ₂ "
24 64 24 x 50 -3W	10'9" x 49"	(3277 x 1448)	2'5 ¹ / ₂ " 5'9 ¹ / ₂ " 2'5 ¹ / ₂ " x 4'8 ¹ / ₂ "
24 48 24 x 58 -3W	95" x 55"	(2870 x 1651)	2'5 ¹ / ₂ " 4'5 ¹ / ₂ " 2'5 ¹ / ₂ " x 5'4 ¹ / ₂ "
24 56 24 x 58 -3W	10'1" x 55"	(3073 x 1651)	2'5 ¹ / ₂ " 5'1 ¹ / ₂ " 2'5 ¹ / ₂ " x 5'4 ¹ / ₂ "
24 64 24 x 58 -3W	10'9" x 55"	(3277 x 1651)	2'5 ¹ / ₂ " 5'9 ¹ / ₂ " 2'5 ¹ / ₂ " x 5'4 ¹ / ₂ "
24 48 24 x 62 -3W	95" x 59"	(2870 x 1753)	2'5 ¹ / ₂ " 4'5 ¹ / ₂ " 2'5 ¹ / ₂ " x 5'8 ¹ / ₂ "
24 56 24 x 62 -3W	10'1" x 59"	(3073 x 1753)	2'5 ¹ / ₂ " 5'1 ¹ / ₂ " 2'5 ¹ / ₂ " x 5'8 ¹ / ₂ "
24 64 24 x 62 -3W	10'9" x 59"	(3277 x 1753)	2'5 ¹ / ₂ " 5'9 ¹ / ₂ " 2'5 ¹ / ₂ " x 5'8 ¹ / ₂ "

PREMIUM SERIES



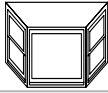
ALUMINUM CLAD WOOD WINDOWS
TILT DOUBLE HUNG, 3-WIDE, 30° ANGLE BAY

CALLOUT	ROUGH OPENING STANDARD	ROUGH OPENING METRIC	BASIC UNIT SIZE
16 36 16 x 42 -3WAB	6'11 15/16" x 42 3/8"	(2132 x 1280)	1'9 ¹ / ₂ " 3'5 ¹ / ₂ " 1'9 ¹ / ₂ " x 4'0 ¹ / ₂ "
16 36 16 x 46 -3WAB	6'11 15/16" x 46 3/8"	(2132 x 1381)	1'9 ¹ / ₂ " 3'5 ¹ / ₂ " 1'9 ¹ / ₂ " x 4'4 ¹ / ₂ "
16 48 16 x 46 -3WAB	7'11 15/16" x 46 3/8"	(2437 x 1381)	1'9 ¹ / ₂ " 4'5 ¹ / ₂ " 1'9 ¹ / ₂ " x 4'4 ¹ / ₂ "
16 56 16 x 46 -3WAB	8'7 15/16" x 46 3/8"	(2640 x 1381)	1'9 ¹ / ₂ " 5'1 ¹ / ₂ " 1'9 ¹ / ₂ " x 4'4 ¹ / ₂ "
16 36 16 x 50 -3WAB	6'11 15/16" x 410 3/8"	(2132 x 1483)	1'9 ¹ / ₂ " 3'5 ¹ / ₂ " 1'9 ¹ / ₂ " x 4'8 ¹ / ₂ "
16 48 16 x 50 -3WAB	7'11 15/16" x 410 3/8"	(2437 x 1483)	1'9 ¹ / ₂ " 4'5 ¹ / ₂ " 1'9 ¹ / ₂ " x 4'8 ¹ / ₂ "
16 56 16 x 50 -3WAB	8'7 15/16" x 410 3/8"	(2640 x 1483)	1'9 ¹ / ₂ " 5'1 ¹ / ₂ " 1'9 ¹ / ₂ " x 4'8 ¹ / ₂ "
16 64 16 x 50 -3WAB	9'3 15/16" x 410 3/8"	(2843 x 1483)	1'9 ¹ / ₂ " 5'9 ¹ / ₂ " 1'9 ¹ / ₂ " x 4'8 ¹ / ₂ "
<i>Projection is 12 5/8"</i>			
20 36 20 x 42 -3WAB	7'6 7/8" x 42 3/8"	(2308 x 1280)	2'1 ¹ / ₂ " 3'5 ¹ / ₂ " 2'1 ¹ / ₂ " x 4'0 ¹ / ₂ "
20 36 20 x 46 -3WAB	7'6 7/8" x 46 3/8"	(2308 x 1381)	2'1 ¹ / ₂ " 3'5 ¹ / ₂ " 2'1 ¹ / ₂ " x 4'4 ¹ / ₂ "
20 48 20 x 46 -3WAB	8'6 7/8" x 46 3/8"	(2613 x 1381)	2'1 ¹ / ₂ " 4'5 ¹ / ₂ " 2'1 ¹ / ₂ " x 4'4 ¹ / ₂ "
20 56 20 x 46 -3WAB	9'2 7/8" x 46 3/8"	(2816 x 1381)	2'1 ¹ / ₂ " 5'1 ¹ / ₂ " 2'1 ¹ / ₂ " x 4'4 ¹ / ₂ "
20 36 20 x 50 -3WAB	7'6 7/8" x 410 3/8"	(2308 x 1483)	2'1 ¹ / ₂ " 3'5 ¹ / ₂ " 2'1 ¹ / ₂ " x 4'8 ¹ / ₂ "
20 48 20 x 50 -3WAB	8'6 7/8" x 410 3/8"	(2613 x 1483)	2'1 ¹ / ₂ " 4'5 ¹ / ₂ " 2'1 ¹ / ₂ " x 4'8 ¹ / ₂ "
20 56 20 x 50 -3WAB	9'2 7/8" x 410 3/8"	(2816 x 1483)	2'1 ¹ / ₂ " 5'1 ¹ / ₂ " 2'1 ¹ / ₂ " x 4'8 ¹ / ₂ "
20 64 20 x 50 -3WAB	9'10 7/8" x 410 3/8"	(3019 x 1483)	2'1 ¹ / ₂ " 5'9 ¹ / ₂ " 2'1 ¹ / ₂ " x 4'8 ¹ / ₂ "
20 48 20 x 58 -3WAB	8'6 7/8" x 5'6 3/8"	(2613 x 1686)	2'1 ¹ / ₂ " 4'5 ¹ / ₂ " 2'1 ¹ / ₂ " x 5'4 ¹ / ₂ "
20 56 20 x 58 -3WAB	9'2 7/8" x 5'6 3/8"	(2816 x 1686)	2'1 ¹ / ₂ " 5'1 ¹ / ₂ " 2'1 ¹ / ₂ " x 5'4 ¹ / ₂ "
20 64 20 x 58 -3WAB	9'10 7/8" x 5'6 3/8"	(3019 x 1686)	2'1 ¹ / ₂ " 5'9 ¹ / ₂ " 2'1 ¹ / ₂ " x 5'4 ¹ / ₂ "
20 48 20 x 62 -3WAB	8'6 7/8" x 5'10 3/8"	(2613 x 1788)	2'1 ¹ / ₂ " 4'5 ¹ / ₂ " 2'1 ¹ / ₂ " x 5'8 ¹ / ₂ "
20 56 20 x 62 -3WAB	9'2 7/8" x 5'10 3/8"	(2816 x 1788)	2'1 ¹ / ₂ " 5'1 ¹ / ₂ " 2'1 ¹ / ₂ " x 5'8 ¹ / ₂ "
20 64 20 x 62 -3WAB	9'10 7/8" x 5'10 3/8"	(3019 x 1788)	2'1 ¹ / ₂ " 5'9 ¹ / ₂ " 2'1 ¹ / ₂ " x 5'8 ¹ / ₂ "
<i>Projection is 14 7/8"</i>			
24 36 24 x 42 -3WAB	8'1 13/16" x 42 3/8"	(2484 x 1280)	2'5 ¹ / ₂ " 3'5 ¹ / ₂ " 2'5 ¹ / ₂ " x 4'0 ¹ / ₂ "
24 36 24 x 46 -3WAB	8'1 13/16" x 46 3/8"	(2484 x 1381)	2'5 ¹ / ₂ " 3'5 ¹ / ₂ " 2'5 ¹ / ₂ " x 4'4 ¹ / ₂ "
24 48 24 x 46 -3WAB	9'1 13/16" x 46 3/8"	(2789 x 1381)	2'5 ¹ / ₂ " 4'5 ¹ / ₂ " 2'5 ¹ / ₂ " x 4'4 ¹ / ₂ "
24 56 24 x 46 -3WAB	9'9 13/16" x 46 3/8"	(2992 x 1381)	2'5 ¹ / ₂ " 5'1 ¹ / ₂ " 2'5 ¹ / ₂ " x 4'4 ¹ / ₂ "
24 36 24 x 50 -3WAB	8'1 13/16" x 410 3/8"	(2484 x 1483)	2'5 ¹ / ₂ " 3'5 ¹ / ₂ " 2'5 ¹ / ₂ " x 4'8 ¹ / ₂ "
24 48 24 x 50 -3WAB	9'1 13/16" x 410 3/8"	(2789 x 1483)	2'5 ¹ / ₂ " 4'5 ¹ / ₂ " 2'5 ¹ / ₂ " x 4'8 ¹ / ₂ "
24 56 24 x 50 -3WAB	9'9 13/16" x 410 3/8"	(2992 x 1483)	2'5 ¹ / ₂ " 5'1 ¹ / ₂ " 2'5 ¹ / ₂ " x 4'8 ¹ / ₂ "
24 64 24 x 50 -3WAB	10'5 13/16" x 410 3/8"	(3196 x 1483)	2'5 ¹ / ₂ " 5'9 ¹ / ₂ " 2'5 ¹ / ₂ " x 4'8 ¹ / ₂ "
24 48 24 x 58 -3WAB	9'1 13/16" x 5'6 3/8"	(2789 x 1686)	2'5 ¹ / ₂ " 4'5 ¹ / ₂ " 2'5 ¹ / ₂ " x 5'4 ¹ / ₂ "
24 56 24 x 58 -3WAB	9'9 13/16" x 5'6 3/8"	(2992 x 1686)	2'5 ¹ / ₂ " 5'1 ¹ / ₂ " 2'5 ¹ / ₂ " x 5'4 ¹ / ₂ "
24 64 24 x 58 -3WAB	10'5 13/16" x 5'6 3/8"	(3196 x 1686)	2'5 ¹ / ₂ " 5'9 ¹ / ₂ " 2'5 ¹ / ₂ " x 5'4 ¹ / ₂ "
24 48 24 x 62 -3WAB	9'1 13/16" x 5'10 3/8"	(2789 x 1788)	2'5 ¹ / ₂ " 4'5 ¹ / ₂ " 2'5 ¹ / ₂ " x 5'8 ¹ / ₂ "
24 56 24 x 62 -3WAB	9'9 13/16" x 5'10 3/8"	(2992 x 1788)	2'5 ¹ / ₂ " 5'1 ¹ / ₂ " 2'5 ¹ / ₂ " x 5'8 ¹ / ₂ "
24 64 24 x 62 -3WAB	10'5 13/16" x 5'10 3/8"	(3196 x 1788)	2'5 ¹ / ₂ " 5'9 ¹ / ₂ " 2'5 ¹ / ₂ " x 5'8 ¹ / ₂ "
<i>Projection is 16 5/8"</i>			

(continued)

ALUMINUM CLAD WOOD TILT DOUBLE HUNG WINDOWS

PREMIUM SERIES



(continued)

ALUMINUM CLAD WOOD WINDOWS
TILT DOUBLE HUNG, 3-WIDE, 45° ANGLE BAY

CALLOUT	ROUGH OPENING STANDARD	METRIC	BASIC UNIT SIZE
16 36 16 x 42 -3WAB	67 1/2" x 4'2 3/8"	(2019 x 1280)	1'9 1/32" 3'5 3/8" 1'9 1/32" x 4'0 5/8"
16 36 16 x 46 -3WAB	67 1/2" x 4'6 3/8"	(2019 x 1381)	1'9 1/32" 3'5 3/8" 1'9 1/32" x 4'4 5/8"
16 48 16 x 46 -3WAB	77 1/2" x 4'6 3/8"	(2324 x 1381)	1'9 1/32" 4'5 3/8" 1'9 1/32" x 4'4 5/8"
16 56 16 x 46 -3WAB	8'3 1/2" x 4'6 3/8"	(2527 x 1381)	1'9 1/32" 5'1 3/8" 1'9 1/32" x 4'4 5/8"
16 36 16 x 50 -3WAB	67 1/2" x 4'10 3/8"	(2019 x 1483)	1'9 1/32" 3'5 3/8" 1'9 1/32" x 4'8 5/8"
16 48 16 x 50 -3WAB	77 1/2" x 4'10 3/8"	(2324 x 1483)	1'9 1/32" 4'5 3/8" 1'9 1/32" x 4'8 5/8"
16 56 16 x 50 -3WAB	8'3 1/2" x 4'10 3/8"	(2527 x 1483)	1'9 1/32" 5'1 3/8" 1'9 1/32" x 4'8 5/8"
16 64 16 x 50 -3WAB	8'11 1/2" x 4'10 3/8"	(2731 x 1483)	1'9 1/32" 5'9 3/8" 1'9 1/32" x 4'8 5/8"
Projection is 17 5/16"			
20 36 20 x 42 -3WAB	7'1 1/8" x 4'2 3/8"	(2162 x 1280)	2'1 5/32" 3'5 3/8" 2'1 5/32" x 4'0 5/8"
20 36 20 x 46 -3WAB	7'1 1/8" x 4'6 3/8"	(2162 x 1381)	2'1 5/32" 3'5 3/8" 2'1 5/32" x 4'4 5/8"
20 48 20 x 46 -3WAB	8'1 1/8" x 4'6 3/8"	(2467 x 1381)	2'1 5/32" 4'5 3/8" 2'1 5/32" x 4'4 5/8"
20 56 20 x 46 -3WAB	8'9 1/8" x 4'6 3/8"	(2670 x 1381)	2'1 5/32" 5'1 3/8" 2'1 5/32" x 4'4 5/8"
20 36 20 x 50 -3WAB	7'1 1/8" x 4'10 3/8"	(2162 x 1483)	2'1 5/32" 3'5 3/8" 2'1 5/32" x 4'8 5/8"
20 48 20 x 50 -3WAB	8'1 1/8" x 4'10 3/8"	(2467 x 1483)	2'1 5/32" 4'5 3/8" 2'1 5/32" x 4'8 5/8"
20 56 20 x 50 -3WAB	8'9 1/8" x 4'10 3/8"	(2670 x 1483)	2'1 5/32" 5'1 3/8" 2'1 5/32" x 4'8 5/8"
20 64 20 x 50 -3WAB	9'5 1/8" x 4'10 3/8"	(2873 x 1483)	2'1 5/32" 5'9 3/8" 2'1 5/32" x 4'8 5/8"
20 48 20 x 58 -3WAB	8'1 1/8" x 5'6 3/8"	(2467 x 1686)	2'1 5/32" 4'5 3/8" 2'1 5/32" x 5'4 5/8"
20 56 20 x 58 -3WAB	8'9 1/8" x 5'6 3/8"	(2670 x 1686)	2'1 5/32" 5'1 3/8" 2'1 5/32" x 5'4 5/8"
20 64 20 x 58 -3WAB	9'5 1/8" x 5'6 3/8"	(2873 x 1686)	2'1 5/32" 5'9 3/8" 2'1 5/32" x 5'4 5/8"
20 48 20 x 62 -3WAB	8'1 1/8" x 5'10 3/8"	(2467 x 1788)	2'1 5/32" 4'5 3/8" 2'1 5/32" x 5'8 5/8"
20 56 20 x 62 -3WAB	8'9 1/8" x 5'10 3/8"	(2670 x 1788)	2'1 5/32" 5'1 3/8" 2'1 5/32" x 5'8 5/8"
20 64 20 x 62 -3WAB	9'5 1/8" x 5'10 3/8"	(2873 x 1788)	2'1 5/32" 5'9 3/8" 2'1 5/32" x 5'8 5/8"
Projection is 20 5/8"			
24 36 24 x 42 -3WAB	7'6 13/16" x 4'2 3/8"	(2307 x 1280)	2'5 15/32" 3'5 3/8" 2'5 15/32" x 4'0 5/8"
24 36 24 x 46 -3WAB	7'6 13/16" x 4'6 3/8"	(2307 x 1381)	2'5 15/32" 3'5 3/8" 2'5 15/32" x 4'4 5/8"
24 48 24 x 46 -3WAB	8'6 13/16" x 4'6 3/8"	(2611 x 1381)	2'5 15/32" 4'5 3/8" 2'5 15/32" x 4'4 5/8"
24 56 24 x 46 -3WAB	9'2 13/16" x 4'6 3/8"	(2815 x 1381)	2'5 15/32" 5'1 3/8" 2'5 15/32" x 4'4 5/8"
24 36 24 x 50 -3WAB	7'6 13/16" x 4'10 3/8"	(2307 x 1483)	2'5 15/32" 3'5 3/8" 2'5 15/32" x 4'8 5/8"
24 48 24 x 50 -3WAB	8'6 13/16" x 4'10 3/8"	(2611 x 1483)	2'5 15/32" 4'5 3/8" 2'5 15/32" x 4'8 5/8"
24 56 24 x 50 -3WAB	9'2 13/16" x 4'10 3/8"	(2815 x 1483)	2'5 15/32" 5'1 3/8" 2'5 15/32" x 4'8 5/8"
24 64 24 x 50 -3WAB	9'10 13/16" x 4'10 3/8"	(3018 x 1483)	2'5 15/32" 5'9 3/8" 2'5 15/32" x 4'8 5/8"
24 48 24 x 58 -3WAB	8'6 13/16" x 5'6 3/8"	(2611 x 1686)	2'5 15/32" 4'5 3/8" 2'5 15/32" x 5'4 5/8"
24 56 24 x 58 -3WAB	9'2 13/16" x 5'6 3/8"	(2815 x 1686)	2'5 15/32" 5'1 3/8" 2'5 15/32" x 5'4 5/8"
24 64 24 x 58 -3WAB	9'10 13/16" x 5'6 3/8"	(3018 x 1686)	2'5 15/32" 5'9 3/8" 2'5 15/32" x 5'4 5/8"
24 48 24 x 62 -3WAB	8'6 13/16" x 5'10 3/8"	(2611 x 1788)	2'5 15/32" 4'5 3/8" 2'5 15/32" x 5'8 5/8"
24 56 24 x 62 -3WAB	9'2 13/16" x 5'10 3/8"	(2815 x 1788)	2'5 15/32" 5'1 3/8" 2'5 15/32" x 5'8 5/8"
24 64 24 x 62 -3WAB	9'10 13/16" x 5'10 3/8"	(3018 x 1788)	2'5 15/32" 5'9 3/8" 2'5 15/32" x 5'8 5/8"
Projection is 23 1/4"			