



CASEMENT

SIZE TABLES

Wood and Aluminum-Clad Exteriors



	(451) (432)	(552) (533)	(603) (584)	(654) (635)	(756) (737)	(832) (813)	(908) (889)
Opening	1' 5 3/4"	1' 9 3/4"	1' 11 3/4"	2' 1 3/4"	2' 5 3/4"	2' 8 3/4"	2' 11 3/4"
Frame	1' 5"	1' 9"	1' 11"	2' 1"	2' 5"	2' 8"	2' 11"
(375) (356)	1714	2114	2314	2514	2914	3214	3514
(451) (432)	1717	2117	2317	2517	2917	3217	3517
(552) (533)		2121					
(603) (584)			2323				
(654) (635)	1725	2125	2325	2525	2925	3225	3525
(756) (737)				2929			

Opening Dimensions

CLAD EXTERIOR UNITS: Dimensions shown in tables are rough opening dimensions.

WOOD EXTERIOR UNITS: Use frame dimension plus dimensions below. This dimension includes the use of standard 1-1/8" wood subsill.

FRAME	ROUGH		MASONRY	
Brickmould	Width	Height	Width	Height
STD	+ 3/4"	+1-7/8"	+ 3-1/8"	+ 3-1/8"
3-1/2"	+ 3/4"	+1-7/8"	+ 6-3/8"	+ 4-3/4"

For clad and wood units with HurricaneShield® impact-resistant glass, see the product installation instructions or refer to local building code requirements.

Not to scale.

Ⓡ = Fixed Unit Only

Traditional grille patterns shown. Refer to Clad/Wood Overview Section for additional patterns and profiles.

Venting transoms are available as casements or awnings.



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Vent and Fixed Units

	(451) (432)	(552) (533)	(603) (584)	(654) (635)	(756) (737)	(832) (813)	(908) (889)
Opening	1' 5 3/4"	1' 9 3/4"	1' 11 3/4"	2' 1 3/4"	2' 5 3/4"	2' 8 3/4"	2' 11 3/4"
Frame	1' 5"	1' 9"	1' 11"	2' 1"	2' 5"	2' 8"	2' 11"
2' 11"	1735	2135	2335	2535	2935 E ₃	3235 E ₂	3535 E ₁ E ₂
3' 5"	1741	2141	2341	2541 E ₃	2941 E ₂	3241 E ₂	3541 E
3' 11"	1747	2147	2347	2547 E ₂	2947 E	3247 E	3547 E
4' 5"	1753	2153	2353	2553 E ₂	2953 E	3253 E	3553 E
4' 11"	1759	2159	2359	2559 E ₂	2959 E	3259 E	3559 E
5' 5"	1765	2165	2365	2565 E ₂	2965 E	3265 E	3565 E
5' 11"	1771 (T)	2171	2371	2571 E ₂	2971 E	3271 E	3571 E
6' 1"	1773 (T)	2173	2373	2573 E ₂	2973 E	3273 E	3573 E

Opening Dimensions

CLAD EXTERIOR UNITS: Dimensions shown in tables are rough opening dimensions.

WOOD EXTERIOR UNITS: Use frame dimension plus dimensions below. This dimension includes the use of standard 1-1/8" wood subsill.

FRAME	ROUGH		MASONRY	
	Width	Height	Width	Height
Brickmould				
STD	+ 3/4"	+1-7/8"	+ 3-1/8"	+ 3-1/8"
3-1/2"	+ 3/4"	+1-7/8"	+ 6-3/8"	+ 4-3/4"

For clad and wood units with HurricaneShield® impact-resistant glass, see the product installation instructions or refer to local building code requirements.

Egress Notes:

Check all applicable local codes for emergency egress requirements.

E = Window meets minimum clear opening of 24" height, 20" width, and 5.7 ft².

E1 = Window meets minimum clear opening of 24" height, 20" width, and 5.0 ft².

E2 = With optional side pivot hardware, window meets minimum clear opening of 24" height, 20" width, and 5.7 ft².

E3 = With optional side pivot hardware, window meets minimum clear opening of 24" height, 20" width, and 5.0 ft².

See Design Data pages in this section for clear opening dimensions.

Clear opening (egress) information does not take into consideration the addition of a Rolscreen (or any other accessory) to the product. You should consult your local building code to ensure products with Rolscreens meet egress requirements.

Side pivot hardware reduces Performance class to 'R'.

Not to scale.

(T) = Tempered glass due to aspect ratio.

Traditional grille patterns shown. Refer to Clad/Wood Overview Section for additional patterns and profiles.



































CASEMENT

SIZE TABLES

Wood and Aluminum-Clad Exteriors



Fixed Units

	(1 060) (1 041)	(1 213) (1 194)	(1 365) (1 346)	(1 518) (1 499)
Opening	3' 5 3/4"	3' 11 3/4"	4' 5 3/4"	4' 11 3/4"
Frame	3' 5"	3' 11"	4' 5"	4' 11"
(908) (889)	 4135	 4735	 5335	 5935
(1 060) (1 041)	 4141	 4741	 5341	 5941
(1 213) (1 194)	 4147	 4747	 5347	 5947
(1 365) (1 346)	 4153	 4753	 5353	 5953
(1 518) (1 499)	 4159	 4759	 5359	 5959
(1 670) (1 651)	 4165	 4765	 5365	 5965
(1 822) (1 803)	 4171	 4771	 5371	 5971
(1 873) (1 854)	 4173	 4773	 5373	 5973

Opening Dimensions

CLAD EXTERIOR UNITS: Dimensions shown in tables are rough opening dimensions.

WOOD EXTERIOR UNITS: Use frame dimension plus dimensions below. This dimension includes the use of standard 1-1/8" wood subsill.

FRAME	ROUGH		MASONRY	
	Width	Height	Width	Height
Brickmould				
STD	+ 3/4"	+1-7/8"	+ 3-1/8"	+ 3-1/8"
3-1/2"	+ 3/4"	+1-7/8"	+ 6-3/8"	+ 4-3/4"

For clad and wood units with HurricaneShield® impact-resistant glass, see the product installation instructions or refer to local building code requirements.

Not to scale.

Traditional grille patterns shown. Refer to Clad/Wood Overview Section for additional patterns and profiles.