

Casement Window Sizes

	1' 6 1/4"	1' 8 1/2"	2' 0 1/2"	2' 4 1/2"	2' 6 1/2"	2' 8 1/2"	3' 0 1/2"
	1' 5 3/4"	1' 8"	2' 0"	2' 4"	2' 6"	2' 8"	3' 0"
2' 0 1/2"							
2' 0"	CAX15 3/4 20	CAX1820	CAX2020	CAX2420	CAX2620	CAX2820	CAX3020
2' 6 1/2"							
2' 6"	CAX15 3/4 26	CAX1826	CAX2026	CAX2426	CAX2626	CAX2826	CAX3026
2' 8 1/2"							
2' 8"	CAX15 3/4 28	CAX1828	CAX2028	CAX2428	CAX2628	CAX2828	CAX3028
3' 0 1/2"							
3' 0"	CAX15 3/4 30	CAX1830	CAX2030	CAX2430	CAX2630	CAX2830	CAX3030
3' 4 1/2"							
3' 4"	CAX15 3/4 34	CAX1834	CAX2034	CAX2434	CAX2634	CAX2834	CAX3034
4' 0 1/2"							
4' 0"	CAX15 3/4 40	CAX1840	CAX2040	CAX2440 †	CAX2640 †	CAX2840 †	CAX3040 †
4' 6 1/2"							
4' 6"	CAX15 3/4 46	CAX1846	CAX2046	CAX2446 ††	CAX2646 †	CAX2846 †	CAX3046 †
5' 0 1/2"							
5' 0"	CAX15 3/4 50	CAX1850	CAX2050	CAX2450 ††	CAX2650 †	CAX2850 †	CAX3050 *
5' 6 1/2"							
5' 6"	CAX15 3/4 56	CAX1856	CAX2056	CAX2456 ††	CAX2656 †	CAX2856 *	CAX3056 **
6' 0 1/2"							
6' 0"	CAX15 3/4 60	CAX1860	CAX2060	CAX2460 ††	CAX2660 †	CAX2860 **	CAX3060 **

NOTES

† These units meet or exceed the following dimensions: Clear Opening Area 5.7 sq. ft., Clear Opening Width 20", Clear Opening Height 24" and 44" maximum floor to sill height (with standard 6' 10-1/2" structural header height).

†† Units meet the stated dimensions above when optional hardware for widest clear opening is used.

* A sash-limiting device is standard on 2856 and 3050 casement units. See your local code official for requirements in your area.

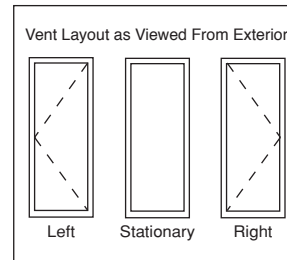
** A piano hinge and sash limiting device is standard on 2860, 3056 and 3060 casement units.

If glass is positioned within 18" of the finished floor, safety/tempered glass may be required. Local codes may differ. Verify tempered glass requirements with your local building code official.

Use structural joining material when necessary or required by code.

The light patterns illustrated apply to rectangular removable interior wood grilles, Full Divided Light, Simulated Divided Light, Decorelle 100, 150 and 400 and Finelight™ Grilles-Between-the-Glass. All removable interior wood grilles will be installed in the units unless otherwise specified.

For a metric conversion in millimeters, multiply dimensions in inches by 25.4.



FORMULA FOR COMBINATION WINDOWS

The overall frame dimension (both width and height) is equal to the sum of the individual unit frame dimensions plus joining material dimension(s).

The overall rough opening (both width and height) is equal to the overall frame dimensions plus 1/4" on all sides.

Any unit within each combination can be operating or stationary.

Joined Casement Combinations	2-Wide		3-Wide		4-Wide		5-Wide	
	Rough Opening Width	Frame Width	Rough Opening Width	Frame Width	Rough Opening Width	Frame Width	Rough Opening Width	Frame Width
Single Unit								
1'-5 3/4"	3'-0"	2'-11 1/2"	4'-5 3/4"	4'-5 1/4"	5'-11 1/2"	5'-11"	7'-5 1/4"	7'-4 3/4"
1'-8"	3'-4 1/2"	3'-4"	5'-0 1/2"	5'-0"	6'-8 1/2"	6'-8"	8'-4 1/2"	8'-4"
2'-0"	4'-0 1/2"	4'-0"	6'-0 1/2"	6'-0"	8'-0 1/2"	8'-0"	10'-0 1/2"	10'-0"
2'-4"	4'-8 1/2"	4'-8"	7'-0 1/2"	7'-0"	9'-4 1/2"	9'-4"	11'-8 1/2"	11'-8"
2'-6"	5'-0 1/2"	5'-0"	7'-6 1/2"	7'-6"	10'-0 1/2"	10'-0"	12'-6 1/2"	12'-6"
2'-8"	5'-4 1/2"	5'-4"	8'-0 1/2"	8'-0"	10'-8 1/2"	10'-8"	13'-4 1/2"	13'-4"
3'-0"	6'-0 1/2"	6'-0"	9'-0 1/2"	9'-0"	12'-0 1/2"	12'-0"	15'-0 1/2"	15'-0"

FOR WINDOWS GREATER THAN 30 SQUARE FEET OR RATED HIGHER THAN PG50, ONE OF THESE THREE INSTALLATION METHODS IS REQUIRED: A) THROUGH THE JAMB B) ALUMINUM INSTALLATION FLANGE OR C) INSTALLATION CLIPS. ADDITIONAL CUSTOM SIZES ARE AVAILABLE. CONTACT YOUR LOCAL SUPPLIER FOR MORE INFORMATION. DRAWINGS ARE NOT TO SCALE.

Casement Picture Window Sizes

	3' 0 1/2"	3' 4 1/2"	4' 0 1/2"	5' 0 1/2"	6' 0 1/2"
	3' 0"	3' 4"	4' 0"	5' 0"	6' 0"
3' 4 1/2"	SCA3034	SCA3434	SCA4034	SCA5034	SCA6034
4' 0 1/2"	SCA3040	SCA3440	SCA4040	SCA5040	SCA6040
4' 6 1/2"	SCA3046	SCA3446	SCA4046	SCA5046	SCA6046
5' 0 1/2"	SCA3050	SCA3450	SCA4050	SCA5050	SCA6050
5' 6 1/2"	SCA3056	SCA3456	SCA4056	SCA5056	SCA6056
6' 0 1/2"	SCA3060	SCA3460	SCA4060	SCA5060	SCA6060

NOTES

If glass is positioned within 18" of the finished floor, safety/tempered glass may be required. Local codes may differ. Verify tempered glass requirements with your local building code official.

Use structural joining material when necessary or required by code.

The light patterns illustrated apply to rectangular removable interior wood grilles, Full Divided Light, Simulated Divided Light, Decorelle 100, 150 and 400 and Finelight™ Grilles-Between-the-Glass. All removable interior wood grilles will be installed in the units unless otherwise specified.

For a metric conversion in millimeters, multiply dimensions in inches by 25.4.

FORMULA FOR COMBINATION WINDOWS

The overall frame dimension (both width and height) is equal to the sum of the individual unit frame dimensions plus joining material dimension(s).

The overall rough opening (both width and height) is equal to the overall frame dimensions plus 1/4" on all sides.

Any unit within each combination can be operating or stationary.

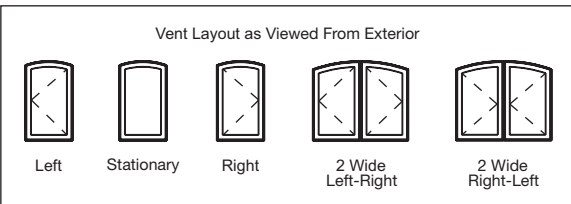
Casement Transom Window Sizes

	1' 6 1/4"	1' 8 1/2"	2' 0 1/2"	2' 4 1/2"	2' 6 1/2"	2' 8 1/2"	3' 0 1/2"	3' 4 1/2"	4' 0 1/2"
	1' 5 3/4"	1' 8"	2' 0"	2' 4"	2' 6"	2' 8"	3' 0"	3' 4"	4' 0"
1' 2"	SCA15 3/4 12	SCA1812	SCA2012	SCA2412	SCA2612	SCA2812	SCA3012	SCA3412	SCA4012
1' 4"	SCA15 3/4 14	SCA1814	SCA2014	SCA2414	SCA2614	SCA2814	SCA3014	SCA3414	SCA4014
1' 6 1/4"	SCA15 3/4 15 3/4	SCA1815 3/4	SCA2015 3/4	SCA2415 3/4	SCA2615 3/4	SCA2815 3/4	SCA3015 3/4	SCA3415 3/4	SCA4015 3/4
1' 8 1/2"	SCA15 3/4 18	SCA1818	SCA2018	SCA2418	SCA2618	SCA2818	SCA3018	SCA3418	SCA4018

FOR WINDOWS GREATER THAN 30 SQUARE FEET OR RATED HIGHER THAN PG50, ONE OF THESE THREE INSTALLATION METHODS IS REQUIRED:
 A) THROUGH THE JAMB B) ALUMINUM INSTALLATION FLANGE OR C) INSTALLATION CLIPS.
 ADDITIONAL CUSTOM SIZES ARE AVAILABLE. CONTACT YOUR LOCAL SUPPLIER FOR MORE INFORMATION. DRAWINGS ARE NOT TO SCALE.

Arch Casement Window Sizes

		2' 0 1/2"	4' 0 1/2"	2' 4 1/2"	4' 8 1/2"	2' 6 1/2"	5' 0 1/2"	2' 8 1/2"	5' 4 1/2"	3' 0 1/2"	6' 0 1/2"
		2' 0"	4' 0"	2' 4"	4' 8"	2' 6"	5' 0"	2' 8"	5' 4"	3' 0"	6' 0"
		3'-0" RAD	6'-0" RAD	3'-0" RAD	6'-0" RAD	3'-0" RAD	6'-0" RAD	3'-0" RAD	6'-0" RAD	3'-0" RAD	6'-0" RAD
R.O. F.S.	2' 0 1/2"										
	2' 6 1/2"										
	2' 8 1/2"										
	3' 0 1/2"										
	3' 4 1/2"										
	4' 0 1/2"										
	4' 6 1/2"										
	5' 0 1/2"										
	5' 6 1/2"										
	6' 0 1/2"										



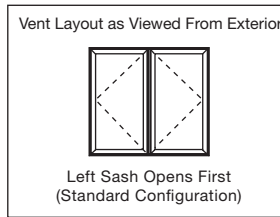
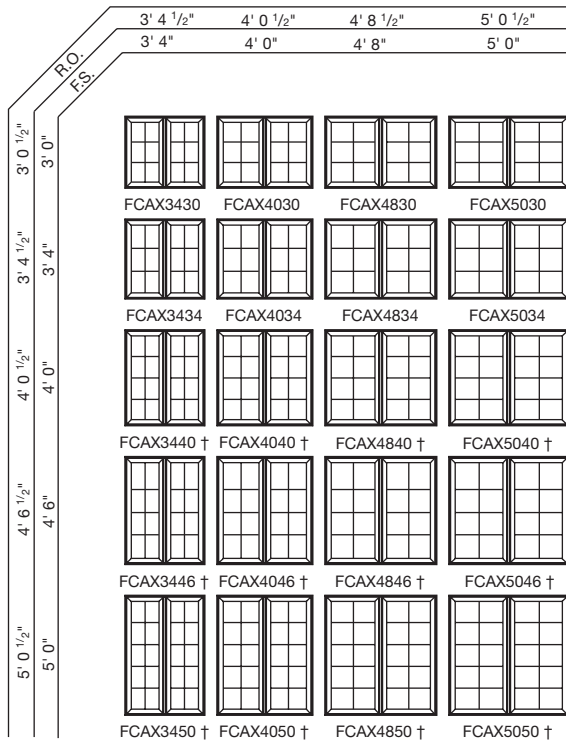
NOTES
 † These units meet or exceed the following dimensions: Clear Opening Area 5.7 sq. ft., Clear Opening Width 20", Clear Opening Height 24" and 44" maximum floor to sill height (with standard 6' 10-1/2" structural header height).

* A sash-limiting device is standard on 2856, 2860, 3056 and 3060 casement units. See your local code official for requirements in your area.

Piano hinges are standard on all arch casement units.
 See notes on page 4 for more information.

FOR WINDOWS GREATER THAN 30 SQUARE FEET OR RATED HIGHER THAN PG50, ONE OF THESE THREE INSTALLATION METHODS IS REQUIRED: A) THROUGH THE JAMB B) ALUMINUM INSTALLATION FLANGE OR C) INSTALLATION CLIPS. ADDITIONAL CUSTOM SIZES ARE AVAILABLE. CONTACT YOUR LOCAL SUPPLIER FOR MORE INFORMATION. DRAWINGS ARE NOT TO SCALE.

French Casement Window Sizes



NOTES

† These units meet or exceed the following dimensions: Clear Opening Area 5.7 sq. ft., Clear Opening Width 20", Clear Opening Height 24" and 44" maximum floor to sill height (with standard 6' 10-1/2" structural header height). Local codes may differ. Verify egress requirements with your local building code official.

Piano hinges and step jamb are standard on all French casement units.

If glass is positioned within 18" of the finished floor, safety/tempered glass may be required. Local codes may differ. Verify tempered glass requirements with your local building code official.

Use structural joining material when necessary or required by code.

The light patterns illustrated apply to rectangular removable interior wood grilles, Full Divided Light, Simulated Divided Light, Decorelle 100, 150 and 400 and Fineight™ Grilles-Between-the-Glass. All removable interior wood grilles will be installed in the units unless otherwise specified.

For a metric conversion in millimeters, multiply dimensions in inches by 25.4.

FORMULA FOR COMBINATION WINDOWS

The overall frame dimension (both width and height) is equal to the sum of the individual unit frame dimensions plus joining material dimension(s).

The overall rough opening (both width and height) is equal to the overall frame dimensions plus 1/4" on all sides.

Any unit within each combination can be operating or stationary.

FOR WINDOWS GREATER THAN 30 SQUARE FEET OR RATED HIGHER THAN PG50, ONE OF THESE THREE INSTALLATION METHODS IS REQUIRED: A) THROUGH THE JAMB B) ALUMINUM INSTALLATION FLANGE OR C) INSTALLATION CLIPS. ADDITIONAL CUSTOM SIZES ARE AVAILABLE. CONTACT YOUR LOCAL SUPPLIER FOR MORE INFORMATION. DRAWINGS ARE NOT TO SCALE.

Push Out Casement Window Sizes

	1' 6 1/4"	1' 8 1/2"	2' 0 1/2"	2' 4 1/2"	2' 6 1/2"	2' 8 1/2"	3' 0 1/2"
	1' 5 3/4"	1' 8"	2' 0"	2' 4"	2' 6"	2' 8"	3' 0"
2' 0 1/2"							
2' 0"							
2' 6 1/2"							
2' 6"							
2' 8 1/2"							
2' 8"							
3' 0 1/2"							
3' 0"							
3' 4 1/2"							
3' 4"							
4' 0 1/2"							
4' 0"							
4' 6 1/2"							
4' 6"							
5' 0 1/2"							
5' 0"							
5' 6 1/2"							
5' 6"							
6' 0 1/2"							
6' 0"							

NOTES

† These units meet or exceed the following dimensions: Clear Opening Area 5.7 sq. ft., Clear Opening Width 20", Clear Opening Height 24" and 44" maximum floor to sill height (with standard 6' 10-1/2" structural glass height). Local codes may differ. Verify egress requirements with your local building code official.

Units ≤ 24" Actual Frame Width (AFW) will receive hinges only (no clip or friction arm).

Units > 24" AFW and ≤ 30" AFW receive clip only.

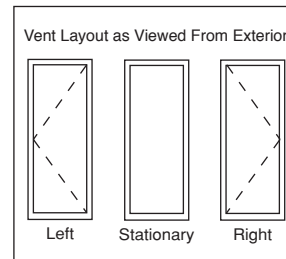
Units > 30" AFW receive (2) 14" friction arms.

If glass is positioned within 18" of the finished floor, safety/tempered glass may be required. Local codes may differ. Verify tempered glass requirements with your local building code official.

Use structural joining material when necessary or required by code.

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For a metric conversion in millimeters, multiply dimensions in inches by 25.4.



FORMULA FOR COMBINATION WINDOWS

The overall frame dimension (both width and height) is equal to the sum of the individual unit frame dimensions plus joining material dimension(s).

The overall rough opening (both width and height) is equal to the overall frame dimensions plus 1/4" on all sides.

Any unit within each combination can be operating or stationary.

Joined Casement Combinations	2-Wide		3-Wide		4-Wide		5-Wide	
	Rough Opening Width	Frame Width	Rough Opening Width	Frame Width	Rough Opening Width	Frame Width	Rough Opening Width	Frame Width
Single Unit Frame Width								
1'-5 3/4"	3'-0"	2'-11 1/2"	4'-5 3/4"	4'-5 1/4"	5'-11 1/2"	5'-11"	7'-5 1/4"	7'-4 3/4"
1'-8"	3'-4 1/2"	3'-4"	5'-0 1/2"	5'-0"	6'-8 1/2"	6'-8"	8'-4 1/2"	8'-4"
2'-0"	4'-0 1/2"	4'-0"	6'-0 1/2"	6'-0"	8'-0 1/2"	8'-0"	10'-0 1/2"	10'-0"
2'-4"	4'-8 1/2"	4'-8"	7'-0 1/2"	7'-0"	9'-4 1/2"	9'-4"	11'-8 1/2"	11'-8"
2'-6"	5'-0 1/2"	5'-0"	7'-6 1/2"	7'-6"	10'-0 1/2"	10'-0"	12'-6 1/2"	12'-6"
2'-8"	5'-4 1/2"	5'-4"	8'-0 1/2"	8'-0"	10'-8 1/2"	10'-8"	13'-4 1/2"	13'-4"
3'-0"	6'-0 1/2"	6'-0"	9'-0 1/2"	9'-0"	12'-0 1/2"	12'-0"	15'-0 1/2"	15'-0"

FOR WINDOWS GREATER THAN 30 SQUARE FEET OR RATED HIGHER THAN PG50, ONE OF THESE THREE INSTALLATION METHODS IS REQUIRED: A) THROUGH THE JAMB B) ALUMINUM INSTALLATION FLANGE OR C) INSTALLATION CLIPS. ADDITIONAL CUSTOM SIZES ARE AVAILABLE. CONTACT YOUR LOCAL SUPPLIER FOR MORE INFORMATION. DRAWINGS ARE NOT TO SCALE.