



Volume Control for the Home.

Series 7500 Casement Window

Multi-Point Locking Hardware

secures frame and sash for a weather-tight fit and superior security

State-of-the-Art Operating Hardware

with nested crank handle adds aesthetic appeal and provides smooth easy sash operation

Warm-Edge Insulated Glass

combines with the secondary glazing panel to provide exceptional energy saving thermal efficiency

Three Rows of Full-Surround

fin seal weatherstrip reduce air infiltration and enhance acoustic performance

Optional Decorative Grids

add style and beauty and are available in a variety of patterns

Block Frame Design

provides for convenient installation in a variety of wall conditions (factory applied mounting flange available upon request)

Secondary Glazing Panel

is contained within the window sash and accepts glass up to 1/4" thick for use where highest noise levels are encountered

Precision Mitered Fusion Welded Corners

provide superior structural strength and weather resistance

Commercial Grade Performance

qualifies this window for use in a wide variety of construction applications

Multi-Chamber Frame and Sash

assemblies improve thermal performance and help enhance sound absorbency

Beveled Frame Design

adds stylish elegance to the exterior appearance

4-Bar Stainless Steel Hinges

resist corrosion and hold even the largest sash firmly in place



Color options:



(actual colors may vary)

Exterior paint options are available.

Manufacturer reserves the right to substitute components as necessary for continued product improvement.

* Screens are not meant to restrain a child from falling through an open window.

Series 7500 Casement Window Performance Data

Air, Water, Structural & Forced Entry Performance:

Performance Class	C-C55
Structural Load*	DP 55 (82.71 psf test pressure at 36" x 72" size) per ASTM E330
Water Resistance	8.35 psf per ASTM E547
Air Infiltration	0.02 cfm/ft ² per ASTM E283
Forced Entry	Passed at Grade 10 per ASTM F588

*Performance reported for a single unit configuration at size indicated. Rating may vary for other sizes and configurations. Contact your sales representative for details.

Acoustic Performance:

Glazing Configuration	STC	EWR	OITC
1/8 - 1/8 - 1/8	40	39	30
1/8 - 3/16 - 3/16	42	42	35
3/16 - 1/8 - 1/4 Lami	42	44	37
1/4 Lami - 1/8 - 3/16	43	44	36
1/4 Lami - 1/8 - 1/4 Lami	44	45	37

Thermal Performance:

Glazing Configuration	Glass Type	U-Factor	SHGC (wo/ grids)	SHGC (w/grids)
1/8 - 1/8 - 1/8	Low E 272	0.20	0.21	0.19
	Low E 272 - Argon	0.19	0.21	0.19
	Low E 366	0.20	0.14	0.13
1/8 - 3/16 - 3/16	Low E 366 - Argon	0.18	0.14	0.13
	Low E 272	0.20	0.20	0.18
	Low E 272 - Argon	0.18	0.20	0.18
3/16 - 1/8 - 1/4 Lami	Low E 366	0.19	0.14	0.13
	Low E 366 - Argon	0.18	0.14	0.13
	Low E 272	0.20	0.20	0.18
1/4 Lami - 1/8 - 3/16	Low E 272 - Argon	0.18	0.20	0.18
	Low E 366	0.20	0.14	0.12
	Low E 366 - Argon	0.18	0.14	0.12
1/4 Lami - 1/8 - 1/4 Lami	Low E 272	0.20	0.23	0.21
	Low E 272 - Argon	0.18	0.23	0.21
	Low E 366	0.19	0.18	0.16
1/4 Lami - 1/8 - 1/4 Lami	Low E 366 - Argon	0.18	0.18	0.16
	Low E 272	0.20	0.23	0.20
	Low E 272 - Argon	0.18	0.23	0.20
1/4 Lami - 1/8 - 1/4 Lami	Low E 366	0.19	0.18	0.16
	Low E 366 - Argon	0.18	0.18	0.16
	Low E 272	0.20	0.23	0.20

Series 7500 Casement Window Size Chart

(Custom net sizes also available in 1/8" increments. Contact your sales representative for details.)

	20"	24"	30"	36"
Rough Opening	20"	24"	30"	36"
Exact Size	19.5"	23.5"	29.5"	35.5"
Clear Opening	10.5"	14.5"	20.5"	26.5"
36"	1830	2030	2630	3030
42"	1836	2036	2636	3036
48"	1840	2040	2640	3040
54"	1846	2046	2646	3046
60"	1850	2050	2650	3050
66"	1856	2056	2656	3056
72"	1860	2060	2660	3060

Meets egress of: Clear operable area of > 5.7 sq. ft. Clear operable width of > 20". Clear operable height of 24"

