



Series 7100 Single Hung Window

Single Hung Design

enhances structural strength and eliminates the extra sash joint perimeter present in older double slide designs which can provide a path for air and water infiltration

Precision Mitered Fusion Welded Corners

provide superior structural strength and weather resistance

Beveled Frame Design

provides a stylish, hand-crafted exterior appearance

Double Steel Reinforced Meeting Rails

provide superior durability and structural strength

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 Sash

accepts up to 1/4" thick laminated glass for use when the highest noise levels are encountered

Dual Weep / Drainage System

carries water away from the window while reducing air and dust penetration.

Self-Latching Locks

provide comforting security and hold sash units tightly together to seal out weather

Multi-Chamber Frame Design

improves thermal efficiency and helps enhance sound absorbency

Interlocking Meeting Rails

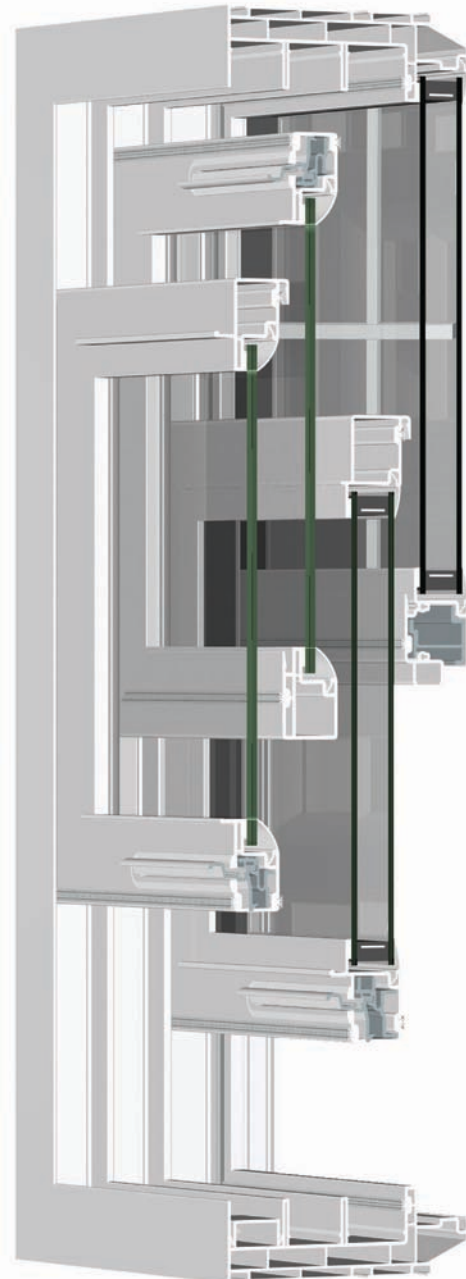
reduce air and water infiltration and add structural integrity to both inner and outer sash systems

Warm-Edge Insulated Glass

assembly improves acoustical and thermal performance and helps reduce condensation

Heavy-Duty Block and Tackle Balances

enhance durability and provide smooth sash operation



Color options:



(actual colors may vary)

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 7100 Single Hung Window Performance Data

Air, Water, Structural & Forced Entry Performance:

Performance Class	H-DW-LC35
Structural Load*	DP 35 (82.71 psf test pressure at 48" x 72" size) per ASTM E330
Water Resistance	5.43 psf per ASTM E547
Air Infiltration	0.05 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:

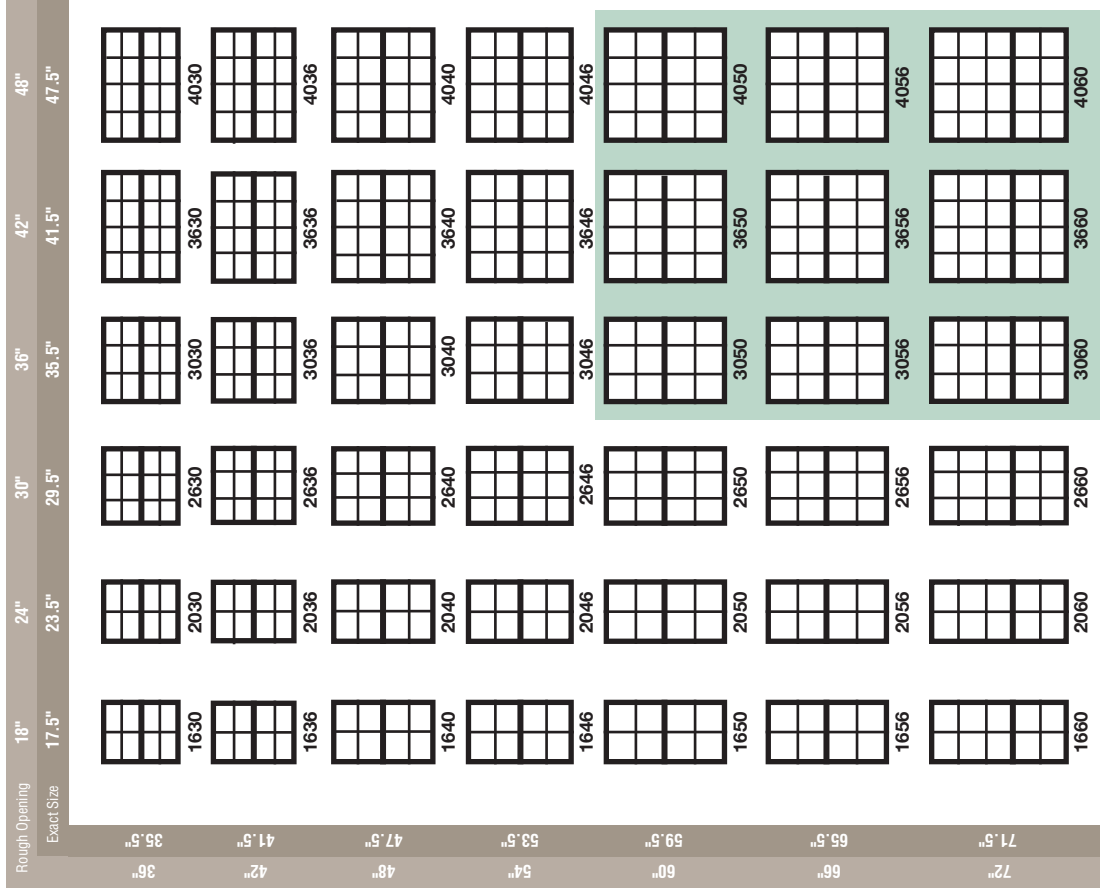
Glazing Configuration	STC	EWR	OITC
1/8 - 1/8 - 1/8	40	39	28
1/8 - 1/8 - 3/16	43	42	29
3/16 - 1/8 - 3/16	46	45	29
1/4 Lami - 1/8 - 3/16	47	46	31
1/4 Lami - 1/8 - 1/4 Lami	48	47	33

Thermal Performance:

Glazing Configuration	Glass Type	U-Factor	SHGC (w/o grids)	SHGC (w/ grids)
1/8 - 1/8 - 1/8	Low E 272	0.23	0.29	0.26
	Low E 272 - Argon	0.21	0.29	0.26
	Low E 366	0.22	0.19	0.17
	Low E 366 - Argon	0.21	0.19	0.17
1/8 - 1/8 - 3/16	Low E 272	0.23	0.29	0.26
	Low E 272 - Argon	0.21	0.29	0.26
	Low E 366	0.22	0.19	0.17
	Low E 366 - Argon	0.21	0.19	0.17
3/16 - 1/8 - 3/16	Low E 272	0.23	0.29	0.26
	Low E 272 - Argon	0.21	0.29	0.26
	Low E 366	0.22	0.19	0.17
	Low E 366 - Argon	0.20	0.19	0.17
1/4 Lami - 1/8 - 3/16	Low E 272	0.22	0.32	0.29
	Low E 272 - Argon	0.20	0.32	0.29
	Low E 366	0.22	0.26	0.23
	Low E 366 - Argon	0.20	0.26	0.23
1/4 Lami - 1/8 - 1/4 Lami	Low E 272	0.22	0.32	0.29
	Low E 272 - Argon	0.20	0.32	0.29
	Low E 366	0.22	0.26	0.23
	Low E 366 - Argon	0.20	0.26	0.23

Series 7100 Single Hung Window Size Chart

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



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



Acoustical Windows and Doors

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