



1650 Vinyl Double-Hung Window

Our replacement double-hung window features superior styling, handcrafted quality, and long-term performance. Aesthetically pleasing beveled sash and eight exterior color options complement energy-efficient design options such as insulated dual-pane glass and heavy-duty weatherstripping to help set our 1650 double-hung replacement windows apart. These advanced engineering and aesthetic details that go into every 1650 double-hung make it the ideal replacement window for any remodeling or renovation project.



PERFORMANCE FEATURES

- Metal-reinforced meeting rail delivers superior strength and durability
- Interlocking sashes help reduce air
- True sloping sill optimizes water drainage and eliminates unsightly weep holes
- Warm-edge spacer system maximizes energy efficiency and improves seal performance of insulated glass units
- Inverted-coil balances with detent clip prevent sash from drifting, and provide smoother operation and lower operating force

STANDARD

OPTIONAL







Designed smarter, from the inside out

ENGINEERED TO PERFORM

- Multi-chamber mainframe design
- 3 1/4" frame depth
- 3/4" dual-pane or 7/8" triple-pane insulated glass
- 3 frame styles available
 - finless, flange, fin
- · Wood extension jambs available for 4 % and 6 % wall depths

CONVENIENCE & STYLE

The 1650 features the following design details on every window:

ENERGY-EFFICIENT FEATURES

costs while enhancing home comfort

- Beveled exterior profile
- Mortised recessed locks
- Balance channel covers
- Clarity Screen mesh
- Integral lift rails

GLAZING TYPE

Argon and Low-E glass

Argon and HP Low-E glass

Argon and Low-E glass with grids

Argon and HP Low-E glass with grids

Argon and Low-E triple-pane glass

Tilt-in sashes

SAFETY & SECURITY FEATURES

- Push-button night latches keep the window secure even when partially opened, providing ventilation without sacrificing safety and security
- Dual-opposing locks create a stronger, safer seal
- Latching extruded half screen with Clarity Screen[™] mesh offers 50% clearer view than standard fiberglass screen, allows fresh air in, and keeps pests out
- Optional Window Operating Control Device (WOCD) restricts sash opening and reduces the risk of accidental falls

MIN & MAX SIZING

Our dual-pane or triple-pane insulated glass package options help save on heating and cooling

In cool weather, it provides outstanding thermal performance to keep interior glass surfaces

• In warm weather, insulated glass reduces solar heat gain and minimizes interior glare

closer to room temperature, eliminating cold spots near windows

Meets ENERGY STAR® requirements in all four climate zones

WIDTH		HEIGHT	
Min	Max	Min	Max
14"	14 7/8"	36"	96"
15"	16"	28"	96"
16 1/8"	17"	26"	96"
17 1/8"	48"	23 1/2"	96"
48 1/8"	52"	23 1/2"	72"

Available in ½" increments. DP upgrade required for any unit greater than 84" tall.

U-VALUE

0.27

0.27

0.27

0.27

0.22

0.22

0.17

0.17

0.35

CREATE A CUSTOMIZED LOOK

GRID TYPES & SIZES

- %" flat grids-between-the-glass
- %" flat grids-between-the-glass
- 11/16" sculptured grids-between-the-glass
- 15/16" sculptured grids-between-the-glass
- 1" simulated divided light

BLINDS-BETWEEN-THE-GLASS*

- Light control and privacy
- Safe and convenient

COMMON GRID PATTERNS









Colonial

Perimeter

6-Lite Perimeter

Diamond

VINYL/EXTRUDED COLORS







LAMINATES[‡]









SHGC

0.28

0.26

0.21

0.19

0.25

0.22

0.25

0.22

0.23

Hillside Oak

Natural Oak

Cherry

Bronze

EXTERIOR PAINT§



Foam-enhanced frame, Low-E, and blinds-between-the-glass Note: all values based on standard 3/4" dual-pane IGU

Argon and Low-E triple-pane glass with grids

Foam-enhanced frame, Krypton and Low-E triple-pane glass

Foam-enhanced frame, Krypton and Low-E triple-pane glass with grids



* Available in limited sizes and white only.

Green

‡ Laminates available with 5/8" flat or 11/16" sculptured grids only; woodgrain interiors available with white or almond extrusion only; bronze exterior available with white interior only

† Clay not available with foam-enhanced mainframe or triple-pane

§ Exterior paint available with 11/16" sculptured grids only; not available with clay interior; silver and black not available with woodgrain interiors