

RENAISSANCE[®]

Series



Make Your Home a Masterpiece.[®]

Beauty and Elegance without the Maintenance.

The dawn of a new era in windows has arrived, and it's guaranteed to change the way you think about windows in your home. With the new Renaissance® Series windows from AMSCO®, you can now have elegant beauty and energy efficiency in your home without the maintenance that comes with wood.

Renaissance Composite

Made with a composite material, Renaissance Series windows are more than just an attractive addition to the interior and exterior of your home. They are

designed and constructed to withstand even the harshest conditions, season after season. Just look at everything this revolutionary material has to offer:

- Can be shaped to various shapes and sizes
- Will not absorb moisture
- Acts as an excellent insulator
- Offers superior dimensional stability
- Maintains stability even in high-heat environments
- Can be easily recycled



When you see the Renaissance Series name, you know that it has surpassed the following industry-standard tests:

- Weatherability
- Air Infiltration
- Water Resistance
- Dimensional Stability
- Impact Resistance
- Weight Tolerance
- Tensile Strength
- Corner Strength



Quality Construction. Superior Aesthetic Design.

Frame Size

Solid 4 9/16 inch frame provides strength and durability. (Extension for 6 9/16 inch jamb available)

Lasting Color and Wood Veneer Options

The smooth finish of the composite material takes on the look of finely painted millwork that won't peel, fade or chalk like paint. Choose from six charming colors. And, if you prefer the look of wood, a pine veneer interior is also available that can easily be stained or painted to meet your décor needs.

Hardware

Color matching hardware is used for our interior finishes and complementary hardware can be selected for pine interior options.

The Best in Glass Options

From mild climates to demanding weather conditions, we have the glass options to meet your needs with our CōzE line of performance glass options.

Resin Composite

The composite material used in Renaissance windows is a mix of thermoplastic resins and manufactured to look as good as wood without the maintenance—all encapsulated with our SuperCapSR® technology.



SuperCapSR Finish

Encapsulated with an acrylic-based capstock, the composite material won't peel, fade or warp, resists scratching and can be easily cleaned with just soap and water.

Warm Edge Technology

7/8 inch or optional 1 inch warm edge spacer system in dual- or triple-pane IG units, reduces condensation and provides energy efficiency.

Wood Joinery Techniques

Wood joinery techniques can be found in all Renaissance Series windows, providing attractive tongue and groove frame corners and mortise and tenon sash corners for superior structural strength.

Custom Sizing

All Renaissance Series windows can be custom-sized to the nearest 1/8 inch increment to fit any architectural style and meet your customized window replacement needs.

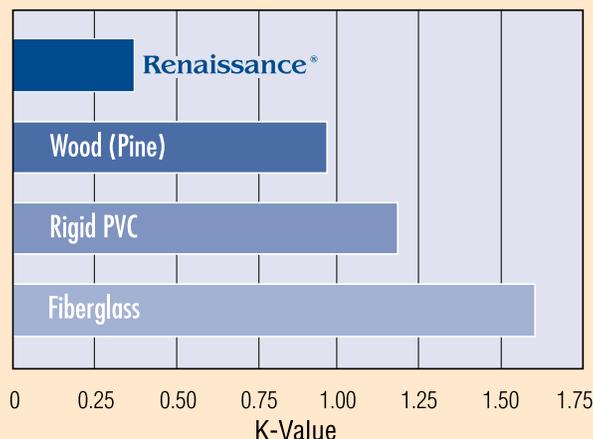
Muntins/Grids

Choose from several muntins/grid styles and patterns to customize the look of your home with grids between the glass or surface-applied, simulated divided lite grids.

The Ultimate in Energy-Efficiency and High-Technology Glass.

Superior Thermal Performance of the Composite Frame

Much of the heat a home loses can be through the frame of the windows, not just the glass. Renaissance composite windows, made of a solid composite material, perform even better than the already efficient vinyl and wood windows when it comes to K-Values, or the amount of heat going in and out of a home through the frame. The lower the K-Value, the less heat is transferred, and the Renaissance composite outperforms the other more commonly used frame materials, making your home even more energy efficient.



*Source: Mikron Industries, NFRC and independent lab data

Warm Edge Spacer

Warm edge technology uses state-of-the-art materials to eliminate contact between inside and outside window components. This advanced insulation technique increases overall thermal efficiency and decreases condensation.

Safety Glass Capability

Because we're one of the few manufacturers with our own on-site tempering furnace, we can maintain our own high quality control standards for our safety glass, as well as avoid unnecessary delays. It all adds up to better safety glass, quicker delivery and higher customer satisfaction.

When it Comes to Custom Styles and Sizes, the Only Limit is Your Imagination.

All Renaissance Series windows are available in standard as well as custom sizes to the nearest 1/8 inch increment.



Double Hung

- Block and tackle balances
- Neutral or matching jamb liners
- Sloped sill
- Traditional wide rail look in bottom sash
- Recessed finger pulls in sash
- Recessed tilt latches
- Tilt sash for ease of cleaning



Casement

- Centered sash for ease of cleaning (excludes egress hardware)
- Unison lock with concealed hardware
- Matched or neutral color hardware
- Standard folding handle



Horizontal Slider

- Appealing aesthetics with equal sight lines
- Recessed finger pull hardware
- Cam-action lock
- Heavy-duty, quiet brass rollers



Awning

- Scissor-style hardware for smooth operation
- Two locks with concealed hardware
- Standard folding handle



Picture/
Fixed Window

- Sash and Frame
 - Superior aesthetics than direct set look
 - Matching sight lines align with vent units
- Direct Set
 - Lower cost than sash and frame
 - Allows for maximum glass viewing area



Specialty Shapes

- Round top, Arch top, Octagon, Full circle, Half circle, Quarter circle, Quarter angle, Trapezoid, Quarter rectangular, Eyebrow rectangular

Color and Wood Veneer Options

Our exclusive SuperCapSR system allows us to provide color options far superior than paint. This co-extruded process provides excellent resistance to scratching and peeling, and a solar reflective additive aids in preventing fading and chalking over time. Renaissance Series windows are available in six charming colors. Plus, we offer a beautiful pine wood veneer that can be easily stained or painted to match the interior of your home.



White



Almond



Taupe



Pine Wood
(Interior)



Bronze



Evergreen



Autumn Red

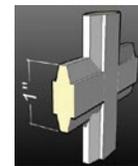
(Pine Wood interior only)

Renaissance Series Grids

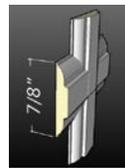
The Renaissance Series gives you a multitude of grid options. Two popular grid profiles, flat and sculptured, are sealed between the glass for cleaning. Or, choose a sculptured simulated divided lite grid in two different sizes for a more traditional look.



5/8 inch flat grids are placed between the glass



1 inch sculptured grids are placed between the glass



7/8 inch simulated divided lites are applied to exterior and interior of the glass



1 1/8 inch simulated divided lites are applied to exterior and interior of the glass

Certified Quality

In addition to our own stringent quality control standards, AMSCO is a proud member of the National Fenestration Rating Council, the American Architectural Manufacturers Association and has earned the right to carry the ENERGY STAR label, a program sponsored by the Department of Energy. These organizations set the standards for the entire window and door industry. And every AMSCO product meets or exceeds their standards for a host of critical quality standards, assuring you life-long, satisfying performance.



Renaissance Series Pocket Window

Unique design for wood window replacement

The new Renaissance Series pocket window is the perfect solution for replacement windows with its 3 1/4 inch frame width. Designed for installation into the pocket of an existing wood window frame opening, it causes minimal disruption to interior trim or existing casing. The pocket-style frame allows homeowners to upgrade the performance of their old wood windows without sacrificing the aesthetics and architecture of their original windows and trim work.



The Renaissance Series pocket window is made from the same revolutionary composite material and is manufactured with the same wood joinery techniques to maintain the look of a wood window design.

The replacement Renaissance Series pocket window takes on all of the features and options of the larger frame Renaissance Series window with some additions for a customized replacement application.

Available in the following window styles:

- Double Hung tilt
- Casement
- Fixed Casement
- Awning
- Direct Set Picture Window

Options for perfect installations:

- Head expander
- Sloped sill adapter
- Jamb and Head exterior-applied foam wrap

Energy-efficient, high-performance glass

CōzE performance glass comes standard on every Renaissance Series window. But no single glass solution can work for every location. That's why wherever your home, whatever the climate, AMSCO offers a range of glass options and argon gas to keep you comfortable while keeping energy costs down.

CōzE

Our standard low-e performance glass for year-round solar control

CōzE TINT

The best choice for glare control combined with energy performance

CōzE HV

The ultimate combination in energy performance, high visibility and significant UV protection

CōzE SOLAR

The perfect solution for passive solar applications and heat loss protection in cold climates

Brite

Get naturally clean glass by harnessing the power of the sun with the exterior Brite coating.

New triple-pane glass

Get the best energy performance out of your Renaissance Series windows with triple-pane insulated glass units. Available in 7/8 inch or 1 inch units, the triple-pane glass features two coats of CōzE HV and an optional argon gas fill.



Renaissance Series	U-Value*	SHGC**	VT***	Structural Rating Maximum Size
Double Hung	0.34 - 0.21	0.27 - 0.18	0.51 - 0.34	LC-25 / R-PG50 48x78 / 44x63
Horizontal Slider	0.34 - 0.21	0.27 - 0.18	0.51 - 0.34	R-PG15 / LC-PG25 120x72 / 72x72
Casement	0.31 - 0.19	0.27 - 0.17	0.50 - 0.33	LC-PG40 36x72
Awning	0.31 - 0.19	0.27 - 0.17	0.50 - 0.33	LC-PG30 60x36
Picture Window (Direct Set)	0.32 - 0.17	0.33 - 0.21	0.63 - 0.42	CW-PG55 120x72
Picture Window (Transom)	0.32 - 0.19	0.29 - 0.18	0.54 - 0.35	LC-PG30 96x72
Picture Window (Casement)	0.31 - 0.19	0.30 - 0.17	0.57 - 0.33	CW-PG40 72x72
Picture Window (Double Hung)	0.32 - 0.19	0.28 - 0.19	0.52 - 0.36	LC-PG25 96x72

Renaissance Series Pocket Window	U-Value*	SHGC**	VT***	Structural Rating Maximum Size
Double Hung	0.33 - 0.22	0.25 - 0.17	0.48 - 0.32	LC-25 / R-50 48x78 / 44x63
Casement	0.31 - 0.20	0.25 - 0.17	0.48 - 0.32	CW-PG40 36x72
Fixed Casement	0.31 - 0.20	0.25 - 0.17	0.48 - 0.32	CW-PG40 72x72
Awning	0.32 - 0.20	0.25 - 0.17	0.48 - 0.32	CW-PG30 60x36
Picture Window (Direct Set)	0.32 - 0.18	0.33 - 0.21	0.63 - 0.42	AW-PG50 120x72

NOTE: *Data shown is for comparison purposes only and is accurate as of January 1, 2010. Performance data is for overall window units and not glass only. Data presented is a range based on [SS annealed glass, dual pane 7/8" IG, C6zE, without grids, Intercept spacer with air fill] to [SS annealed glass, triple pane 1" IG, double coat C6zE HV, without grids, Cardinal spacer with argon fill]. Other options may affect performance values including values that may be outside of the ranges shown here. Please contact your Authorized AMSCO Dealer for actual values of units. All values are certified through AAMA or NFRC.

*U-Value represents the amount of heat transfer as measured in accordance with NFRC 100.

**Solar heat gain coefficient (SHGC) measures the amount of solar radiation entering the building as measured per NFRC 200.

***Visible Transmittance (VT) measures the amount of visible light through the window.

Lifetime Warranty

Simply put, we back our windows with a warranty that gives you peace of mind. Our Lifetime Warranty covers any defects in materials or workmanship in our composite windows and doors for as long as you own your home. See your authorized AMSCO dealer or visit us online at www.amscowindows.com for complete warranty details.

Make Your Home a Masterpiece.®



1880 South 1045 West
Salt Lake City, Utah 84104

Your Authorized AMSCO Windows Dealer:

Call 1(888) 82-AMSCO
or visit www.amscowindows.com