

BUILT NORTH IN THE EAST FOR THE NORTHEAST

*Backed by 4 generations of our family
serving you since 1946.*



ECOLGY

- Low Energy Consumption
- Smaller Carbon Footprint
- Durable, Sustainable Materials



ECONOMY

- Lower Energy Bills
- Low Ownership Cost
- Best-of-Class Warranty



COMFORT

- Low Air Infiltration
- High-Tech UV Protection
- Outstanding Sound Reduction





Energy Star

All Ecoshield Windows exceed all Energy Star standards for windows and sliding doors.



AAMA Durability

Frames and components are built to the stringent specifications of the American Architectural Manufacturers Association.



NFRC

America's leading window rating agency gives Ecoshield Windows their top rating for energy efficiency.



The Ecoshield Windows Story

Ka-Kel Windows are designed to live in harmony with your world. The high-efficiency design cuts energy costs dramatically. The low maintenance construction fits well with busy lifestyles. And with a best of class warranty, Kas-Kel Windows are guaranteed to work beautifully for years.

Ecology. Economy.

Kas-Kel Windows offer the best of both worlds, with a durable, high-performance design that meets or exceeds all Energy Star standards.

Ultra-High Performance

Our optional Energy Star U-4 and Energy Star III Glazing Packages meets or exceeds all current Energy Star standards. It can lower the average home energy bill by 30 to 40 percent and cut CO2 output by 1,600 pounds per year.*

Fabricated for today's generation.

Kas-Kel Windows offer a wide array of styles and casings to accommodate almost any design. Exceptional fit and finish, along with outstanding thermal performance have made them a popular choice among quality builders and homeowners, and they're backed by the best warranty in the industry.

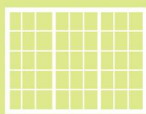
Our Windows are made in the Northeast for the Northeast backed by 4 generations of our family – serving you since 1946.

MADE IN AMERICA

* Courtesy Truseal Technologies



Casement



Patio Door



Half Round



Bay/Bow



Double Hung



Rolling



Specialty Shape

What's between the Glass Makes all the Difference

**ECOSHIELD WINDOWS ARE BUILT WITH ADVANCED
TECHNOLOGY DURALITE WARM-EDGE SPACERS**



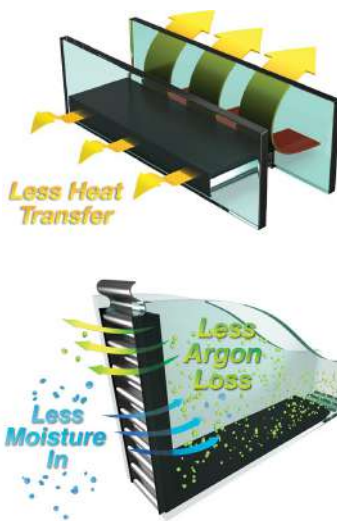
Windows built with Duralite technology reduce heat transfer and help stabilize the temperature of the inner windowpane, maintaining a comfortable inside environment, condensation-free glass, and saving you money on energy costs.



DURALITE® SPACER DESIGN

Duralite is a flexible, warm-edge spacer that lives between the inner and outer window panes. The Duralite technology features a unique no metal composite laminating system that provides superior durability and thermal performance for glass insulation in all weather.

An Ecoshield vinyl window with Duralite spacers contains an argon gas-filled polycarbonate shim with a virtually impermeable butyl sealant, a three-sided continuous moisture barrier, and a desiccated topcoat. This advanced design eliminates condensation and mold and allows natural light to filter in with UV blocking technology that protects interior finishes and decor.



SUPERIOR THERMAL PERFORMANCE

The thermal performance of a window plays a major role in household energy conservation. A high-performance window system will keep your energy costs low by reducing heat loss in the winter and heat gain in the summer. Duralite combined with Low-E glass and argon produces one of the highest performing, energy-efficient window systems, saving you money on your heating and cooling costs. Duralite is an ENERGY STAR® qualified product.

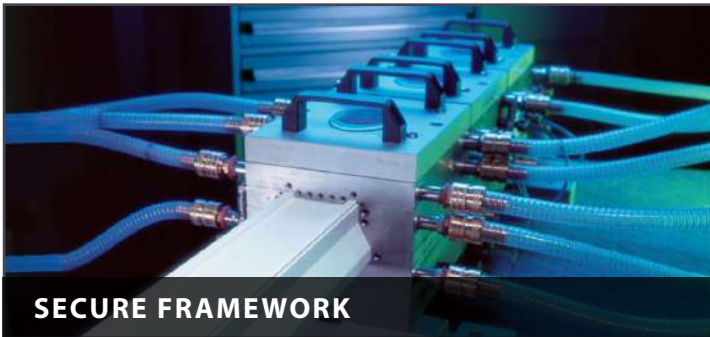
ECOSHIELD VINYL



- Impact-resistant, scratch and dent-proof construction
- Resists pollution, acid rain, salt air, heat, humidity, temperature extremes, and weathering
- Lifetime guarantee and maintenance-free with easy cleaning functionality



- Patented DOE R5 glazing system provides superior insulation from weather and noise
- Unique multi-chamber construction eliminates the need for storm windows
- Meets Energy Star requirements, saving up to 40% in annual energy costs



- Heavy-duty double-walled frames provide ultimate structural strength
- Interlocking sash rails prevent tampering
- Dual-arm operators and multi-point locking systems for added security



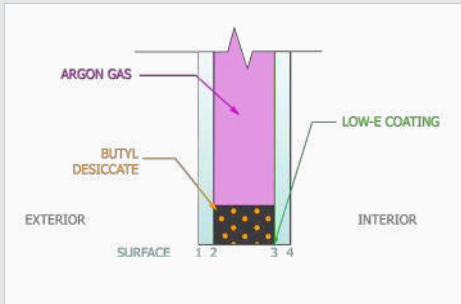
- Clean architectural lines have a traditional window look
- Peel-free color integrated into vinyl construction
- Elevated curb appeal designed to last

OUR CUSTOM MANUFACTURING FORMULA COMBINES SUPERIOR PVC COMPOUNDS WITH INNOVATIVE ENERGY EFFICIENT TECHNOLOGIES TO PRODUCE A VINYL WINDOW THAT SURPASSES LEADING COMPETITORS IN QUALITY, COST-SAVINGS, AND VISUAL APPEAL.

Not All Glass is Created Equal

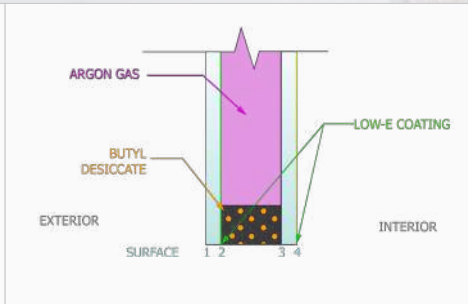
Windows in the Northeast can take a beating - Get the Right Glass!!!

Cold and Mixed Climates Like the Northeast Demand Performance from their Windows!



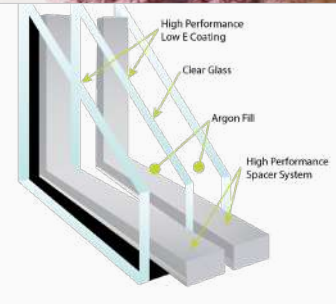
Energy Star III

- Higher level of solar heat control for the Northern Region
- High visible light transmission of 68% for plenty of natural daylighting and visibility into interior spaces
- Lower level of indoor and exterior reflectance
- The Low-e coating on this surface keeps weather OUT of your home. *Frigid winter air and summer heat stay outside where they belong!*



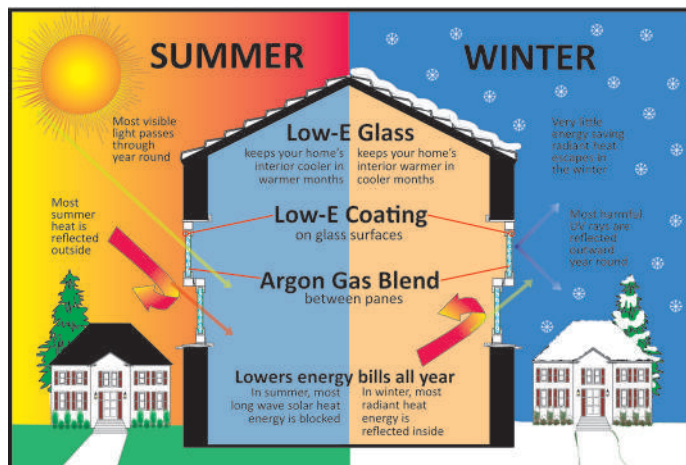
Energy Star U4

- Provides thermal insulation with passive solar gain resulting in year round cost savings
- High-level visible light transmission of 77% (VLT) for plenty of natural daylighting.
- Low-level indoor reflectivity
- Low - e coatings on both glass surfaced keeps weather outside and your controlled environment in!



DOE - R5

- REDUCE THE AVERAGE HEAT LOSS THROUGH WINDOWS BY AS MUCH AS 40 PERCENT!
- *Based on exterior replacement utilizing 16 windows. Savings are average and may vary according to home type and location.*



CLEAR INSULATED GLASS

2 Pieces of insulated glass with air between them increases your energy efficiency from the standard One solid piece of glass.

Best for garages, sheds and other low cost applications

DOE-R5 CERTIFIED WINDOWS

A Superior Window for the Cost

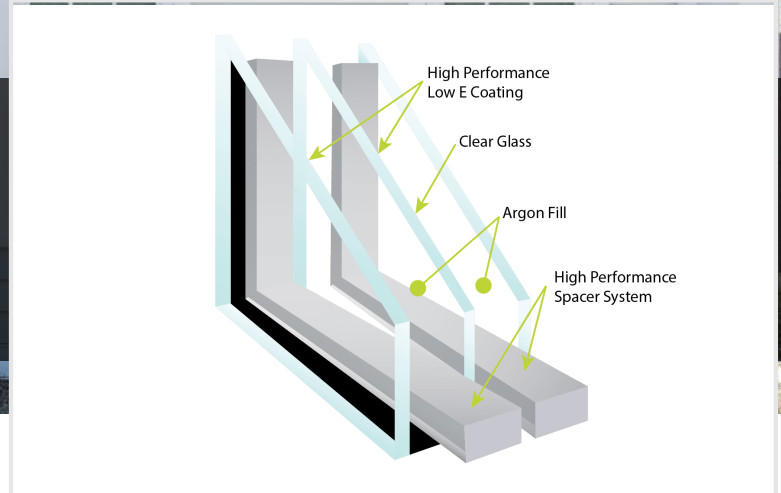
REDUCE THE AVERAGE HEAT LOSS THROUGH WINDOWS BY AS MUCH AS 40 PERCENT!

The DOE R-5 Windows Volume Purchase Program is about more than just saving money

Cold and mixed climates like the Northeast demand performance from their windows! R5 Windows are the top tier of energy efficient windows and are highly insulating!

The US Department of Energy's Building Technologies Program (BTP) is coordinating a volume purchase of R5 windows and low-e storm windows, to expand the market of these high efficiency products.

Price has been the principal barrier to more widespread market commercialization. The aim of this volume purchase initiative is to work with industry and potential buyers to make highly insulated windows more affordable.



NFRC TESTING CHART DEPARTMENT OF ENERGY R5PROGRAM TRIPLE GLAZING PACKAGE

Effective Date: March 1, 2010

700/7000 Awning

		U-FACTOR	SHGC	VT	CR	DBLLOW Ey	GAS
SSB	WITHOUT GRIDS	0.20	0.19	0.35	75	y	DOUBLE ARGON
SSB	WITH GRIDS	0.20	0.18	0.32	75	y	DOUBLE ARGON
DSB	WITHOUT GRIDS	0.21	0.19	0.35	74	y	DOUBLE ARGON
DSB	WITH GRIDS	0.22	0.18	0.32	74	y	DOUBLE ARGON

700/7000 Casement

		U-FACTOR	SHGC	VT	CR	DBLLOW Ey	GAS
SSB	WITHOUT GRIDS	0.20	0.19	0.35	74	y	DOUBLE ARGON
SSB	WITH GRIDS	0.21	0.18	0.32	74	y	DOUBLE ARGON
DSB	WITHOUT GRIDS	0.22	0.19	0.35	74	y	DOUBLE ARGON
DSB	WITH GRIDS	0.22	0.18	0.32	74	y	DOUBLE ARGON

THE R FACTOR

indicates a windows resistance to Heat Flow (The higher the number the more effective the insulating factor).

THE U VALUE

measures the rate of heat transfer (The lower the U factor, the better a window insulates.)

KASSON AND KELLER, INC IS PROUD TO BE SELECTED AS A PARTICIPANT IN THE BTP VPP. WE PROVIDE A WIDE ARRAY OF PRODUCTS ACCEPTED UNDER THE DOE – R5 CRITERIA FOR WINDOWS.

2200 Replacement Double Hung

Our Most Popular Replacement Window!

Classic design with Modern Utility

By design this window combines the beauty and performance you would expect to find in premium windows. Multiple point locking system with a clean fold away handle speaks volumes about our Casements. Configured with single or multi-unit combination for maximum ventilation. *Fabricated for today's generation.*

NFRC Thermal Performance Data*

GLAZING	U-FACTOR	SHGC	VLT	CR	ZONE
Energy Star U4	0.25	0.27	0.48	47	NC
Energy Star III	0.29	0.37	0.51	59	NC
Low E w/ Argon	0.28	0.28	0.51	63	NC
High Perf. Low E	0.32	0.28	0.51	58	N, NC
Clear	0	0	0	-	NC

*contact us to see thermal data with grids.

KAS-KEL REPLACEMENT WINDOWS WILL OFFER YOU A LIFETIME OF WORRY-FREE OPERATION, BACKED BY ONE OF THE BEST WARRANTIES IN THE INDUSTRY.



Features

	STANDARD	OPTION
MATERIALS	High-grade PVC delivers exceptional strength and thermal performance. White or Beige Interior	<input checked="" type="checkbox"/>
	Equal lite top and bottom sash	<input checked="" type="checkbox"/>
	Full Fusion Welded Sash and Frame	<input checked="" type="checkbox"/>
	Sloped Sill and Interlock Leg	<input checked="" type="checkbox"/>
	3-1/4" Frame Depth	<input checked="" type="checkbox"/>
PERF.	DP 40 Rating	<input checked="" type="checkbox"/>
	DP 50 Rating	<input checked="" type="checkbox"/>
	Full 3" Foam insulating Wrap	<input checked="" type="checkbox"/>
3/4" GLAZING	Energy Star III	<input checked="" type="checkbox"/>
	Energy Star U-4	<input checked="" type="checkbox"/>
	Clear insulated glass (3/4")	<input checked="" type="checkbox"/>
	Duralite flexible, warm-edge spacers	<input checked="" type="checkbox"/>
	Tints, Heat Reflection and other options available	<input checked="" type="checkbox"/>
SCREENS	Aluminum Extruded Fiberglass 1/2 screen	<input checked="" type="checkbox"/>
	Aluminum framed fiberglass full screen	<input checked="" type="checkbox"/>
	Extruded Aluminum framed locking 1/2 Screen	<input checked="" type="checkbox"/>
	Aluminum Screening Material	<input checked="" type="checkbox"/>
	Full Flex Screens	<input checked="" type="checkbox"/>
HARDWARE	Our Cam Locks are made of alloyed cast steel to stand up to frequent use. (inferior vinyl windows have plastic locks)	<input checked="" type="checkbox"/>
	All windows over 23 1/2 inches have 2 sash locks for maximum	<input checked="" type="checkbox"/>
	Produced in white or beige to seamlessly match your window	<input checked="" type="checkbox"/>
	Increased leverage assures a weathertight seal when locked	<input checked="" type="checkbox"/>
	Night Latches	<input checked="" type="checkbox"/>
	WOCD sash limiters	<input checked="" type="checkbox"/>
CONSTRUCTION	Composite Reinforced Meeting Rail	<input checked="" type="checkbox"/>
	Bottom and Top Sash Tilt in for easy cleaning	<input checked="" type="checkbox"/>
	Double weather stripped Meeting Rail	<input checked="" type="checkbox"/>
	Full 3" Foam insulating Wrap	<input checked="" type="checkbox"/>
GRILLS	5/8" Contoured Grill Between the Glass	<input checked="" type="checkbox"/>
	3/4" Contoured SDL with spacer bar	<input checked="" type="checkbox"/>



2200 Rolling Window

Built for long life and smooth fingertip operation

Kas-Kel Rolling Windows

are built on precision-calibrated rollers for long life and smooth fingertip operation. ideal for porches, family rooms and multi-family dwellings. Sash is easily removed for cleaning.

NFRC Thermal Performance Data*

GLAZING	U-VALUE	SHGC	VLТ	CR	ZONE
Energy Star U4	0.23	0.26	0.46	51	N, NC
Energy Star III	0.28	0.36	0.51	59	NC
Low E w/ Argon	0.27	0.28	0.51	63	N, NC
High Perf. Low E	0.31	0.28	0.51	59	NC
Clear	0	0	0	-	

*contact us to see thermal data with grids.

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	STANDARD	OPTION	
MATERIALS	High-grade PVC delivers exceptional strength and thermal performance. White or Beige Interior	<input checked="" type="checkbox"/>	
	Fusion Welded Sash and Frame	<input checked="" type="checkbox"/>	
	Sloped Sill and Interlock Leg	<input checked="" type="checkbox"/>	
	Sash is easily removed for cleaning.	<input checked="" type="checkbox"/>	
PERFORMANCE	DP 35 Rating	<input checked="" type="checkbox"/>	
	DP 40 Rating		<input checked="" type="checkbox"/>
	DP 50 Rating		<input checked="" type="checkbox"/>
	Full 3" Foam insulating Wrap		<input checked="" type="checkbox"/>
GLAZING	Energy Star III (recommended) (3/4")		<input checked="" type="checkbox"/>
	Energy Star U-4 (3/4")		<input checked="" type="checkbox"/>
	Clear insulated glass (3/4")		<input checked="" type="checkbox"/>
	Duralite flexible, warm-edge spacers	<input checked="" type="checkbox"/>	
SCREENS	Tints, Heat Reflection and other options available		<input checked="" type="checkbox"/>
	Aluminum Extruded Fiberglass 1/2 screen	<input checked="" type="checkbox"/>	
	Aluminum framed fiberglass full screen		<input checked="" type="checkbox"/>
	Extruded Aluminum framed locking 1/2 Screen		<input checked="" type="checkbox"/>
GRILLS	Aluminum Screening Material		<input checked="" type="checkbox"/>
	5/8" Contoured Grill Between the Glass		<input checked="" type="checkbox"/>
HARDWARE	3/4" Contoured SDL with spacer bar		<input checked="" type="checkbox"/>
	Smarter Rolling Windows are built on precision-calibrated rollers for long life and smooth fingertip operation. Sash is easily removed for cleaning.	<input checked="" type="checkbox"/>	
	Our Cam Locks are made of alloyed cast steel to stand up to frequent use.	<input checked="" type="checkbox"/>	
	All windows over 28 inches tall have 2 sash locks for maximum protection frame	<input checked="" type="checkbox"/>	
	Produced in white or beige to seamlessly match your window frame	<input checked="" type="checkbox"/>	
	Increased leverage assures a weather tight seal when locked	<input checked="" type="checkbox"/>	



2200 Picture Window

Slim frame design allows for maximum viewing area

The Kas-Kel 2200 Picture Window complements our most popular double hung vinyl replacement window.

The slim frame design allow for maximum viewing area, while our Energy Star glazing package meets the latest, most rigorous Energy Star standards.

It's one of the most functional, most efficient vinyl picture windows on the planet.

NFRC Thermal Performance Data*

GLAZING	U-VALUE	SHGC	VLT
Energy Star U4	0.22	0.28	0.50
Energy Star II	0.26	0.39	0.55
High Perf. Low E	0.29	0.30	0.55
Low E w/ Argon	0.25	0.30	0.55
Clear	0.45	0.65	0.68

*contact us to see thermal data with grids.

Features

	STANDARD	OPTION	
MATERIALS	High-grade Advanced Formula PVC	✓	
	Thermal Fusion Welded Frame	✓	
	Interlocking Sloped Sill	✓	
	3 1/4" Frame Depth	✓	
PERF.	DP 40 Rating	✓	
	DP 50 Rating		✓
	Full 3" Foam insulating Wrap		✓
GLAZING	Energy Star III	✓	
	Energy Star U-4		✓
	Clear insulated glass (3/4")		✓
	Duralite flexible, warm-edge spacers	✓	
	Tints, Heat Reflection and other options available		✓
GRILLS	3/4" Contoured Grill Between the Glass		✓
	3/4" Contoured SDL with spacer bar		✓

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7000 Casement Windows

Engineered for easy operation and maximum ventilation

Classic design with Modern Utility

By design this window combines the beauty and performance you would expect to find in premium window. Multiple point locking system with a clean fold away handle speaks volumes about our Casements. Configured with single or multi-unit combination for maximum ventilation.

Fabricated for today's generation.

GLAZING	U-VALUE	SHGC	VLT
DOE – R5 – Triple	0.19	0.19	0.33
Energy Star U-4	0.23	0.23	0.41
Energy Star III	0.26	0.32	0.44
Low E Argon	0.26	0.24	0.44
Low E HP	0.29	0.24	0.44
Clear	0.41	0.53	0.54

**contact us to see thermal data with grids.*



Features

	STANDARD	OPTION	
MATERIALS	High-grade PVC delivers exceptional strength and thermal performance. White or Beige Interior	<input checked="" type="checkbox"/>	
	Sash Snubbers	<input checked="" type="checkbox"/>	
	Fusion Welded Sash and Frame	<input checked="" type="checkbox"/>	
	Exterior Beveled Sash	<input checked="" type="checkbox"/>	
	Double weather stripped Sash	<input checked="" type="checkbox"/>	
	Single Lever Multi-Point Locking System	<input checked="" type="checkbox"/>	
PERF.	DP 50 Rating	<input checked="" type="checkbox"/>	
	Full 3" Foam insulating Wrap		<input checked="" type="checkbox"/>
GLAZING	Energy Star III	<input checked="" type="checkbox"/>	
	Energy Star U-4		<input checked="" type="checkbox"/>
	DOE R5 Triple Glass Package		<input checked="" type="checkbox"/>
	Clear insulated glass		<input checked="" type="checkbox"/>
	Duralite flexible, warm-edge spacers		
	Tints, Heat Reflection, Impact Resistance, Triple Glazing and other options available		<input checked="" type="checkbox"/>
HARDWARE	Folding Hardware		<input checked="" type="checkbox"/>
	Egress Hardware		<input checked="" type="checkbox"/>
	Sash Limiter Hardware (for Fall Prevention)		<input checked="" type="checkbox"/>
SCREENS	Aluminum Extruded Full View Fiberglass Full Screen	<input checked="" type="checkbox"/>	
	Aluminum Screening Material		<input checked="" type="checkbox"/>
GRILLS	3/4" Contoured Grill Between the Glass		<input checked="" type="checkbox"/>
	3/4" Contoured SDL with spacer bar		<input checked="" type="checkbox"/>
	2" Contoured SDL with spacer bar for simulated Double Hung look		<input checked="" type="checkbox"/>

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7000 Series | Awning window

Easy operation and maximum ventilation

The Replacement Awning window with superior features

The unique style and lines will catch your eye as will the performance and sizing features it includes. Stacked side by side or over the top of a primary window will work with great ease, giving you the flexibility needed when designing your home.

Designed for today's generation.

GLAZING	U-VALUE	SHGC	VLT
DOE – R5 – Triple	0.19	0.19	0.33
Energy Star U-4	0.23	0.23	0.41
Energy Star III	0.26	0.32	0.44
Low E Argon	0.26	0.24	0.44
Low E HP	0.29	0.24	0.44
Clear	0.41	0.53	0.54

**contact us to see thermal data with grids.*

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Features

	STANDARD	OPTION	
MATERIALS	High-grade PVC delivers exceptional strength and thermal performance. White or Beige Interior	<input checked="" type="checkbox"/>	
	Fusion Welded Sash and Frame	<input checked="" type="checkbox"/>	
	Exterior Beveled Sash	<input checked="" type="checkbox"/>	
	Sash Snubbers	<input checked="" type="checkbox"/>	
	Double weather stripped Sash	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PERF.	DP 50 Rating	<input checked="" type="checkbox"/>	
	Full 3" Foam insulating Wrap <i>(install required replacements AMA)</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
GLAZING	Energy Star III (recommended)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Energy Star U-4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	DOE R5 Triple Glass Package	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Clear insulated glass	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Duralite flexible, warm-edge spacers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Tints, Heat Reflection, Impact Resistance and other options available	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HARDWARE	Produced in white or beige to seamlessly match your window frame	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Single Lever Multi-Point Locking System	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Folding Hardware	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SCREENS	Extruded aluminum framed fiberglass full screen	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Aluminum Screening Material	<input type="checkbox"/>	<input checked="" type="checkbox"/>
GRILLS	3/4" Contoured Grill Between the Glass	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	3/4" Contoured SDL with spacer bar	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	2" Contoured SDL with spacer bar for simulated Double Hung look	<input type="checkbox"/>	<input checked="" type="checkbox"/>





7000 Picture

Slim frame design allows for maximum viewing area

Expansive views and versatile style.

Available in your choice of glass options and grid patterns. The 7000 picture window can be configured to work seamlessly with any of our other series of windows and matching trim styles.

Fabricated for today's generation

NFRC Thermal Performance Data*

GLAZING	U-VALUE	SHGC	VLT
DOE – R5	0.21	0.22	0.38
Low E w/ Argon	0.26	0.28	0.51
High Perf. Low E	0.30	0.29	0.51
Clear	0.45	0.61	0.63

*contact us to see thermal data with grids.

KAS-KEL REPLACEMENT WINDOWS WILL OFFER YOU A LIFETIME OF WORRY-FREE OPERATION, BACKED BY ONE OF THE BEST WARRANTIES IN THE INDUSTRY.



Features

	STANDARD	OPTION	
MATERIALS	High-grade PVC delivers exceptional strength and thermal performance. White or Beige Interior	✓	
	Thermal Fusion Welded Frame	✓	
PERF.	DP 50 Rating	✓	
	Full 3" Foam insulating Wrap		✓
GLAZING	Energy Star III (recommended)		✓
	Energy Star U-4		✓
	DOE R5 Triple Glass Package (1")		✓
	Clear insulated glass		✓
	Duralite flexible, warm-edge spacers	✓	
	Impact Resistance, Tints, Heat Reflection, and other options available		✓
GRILLS	3/4" Contoured Grill Between the Glass		✓
	3/4" Contoured SDL with spacer bar		✓



Patio Door Replacement Window

High performance, low maintenance

One of the industry's smoothest, best performing patio doors, at any price.

It's reinforced at key points with heavy-duty aluminum, for maximum rigidity, and with the ST Glazing package meets or **exceeds the latest Energy Star guidelines.**

NFRC Thermal Performance Data*

GLAZING	U-VALUE	SHGC	VLT	CR
Low E w/ Argon	0.33	0.29	0.53	54
High Perf. Low E	0.46	0.63	0.65	43

*contact us to see thermal data with grids.

KAS-KEL WINDOWS WILL OFFER YOU A LIFETIME OF WORRY-FREE OPERATION, BACKED BY ONE OF THE BEST WARRANTIES IN THE INDUSTRY.



Features

	STANDARD	OPTION
MATERIALS	High-grade Advanced Formula PVC	✓
	Sill Design Engineered for Excellent Drainage	✓
	5, 6, 8 Foot 2-Lite Styles	✓
	9, 12 Foot 3-Lite Styles	✓
GLAZING	Low- E with Argon	✓
	Energy Star U-4	✓
	Tints, Heat Reflection and other options available	✓
SCREENS	Aluminum Screen Frame with Fiberglass Mesh Screening	✓
CONSTRUCTION	Integral Nail Fin and Screen Track	✓
	One Rolling and One Stationary Panel	✓
	Interlocking Meeting Rail	✓
	Field Applied Extension Jamb	✓
	White, Beige and Bronze/White Interior Colors	✓
GRILLS	3/4" Contoured Grill Between the Glass	✓
	3/4" Contoured SDL with spacer bar	✓

Specialty Shapes

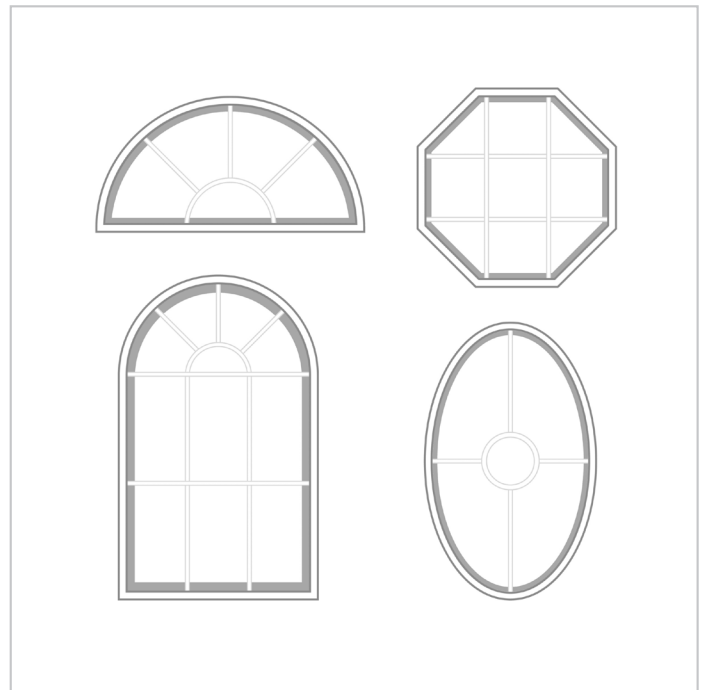
Architectural freedom doesn't mean sacrificing efficiency

Kas-Kel Specialty Shapes allow for unusual and uniquely shaped windows to function with the same energy efficiency and functional integrity as our other time-tested vinyl windows.

For building or remodeling, these vinyl windows open a new world of possibilities.

Shape Options

- Gothic/Half-Gothic
- Circle Top
- Eyebrow
- Oval/Half-Oval
- Full Circle
- Ellipse
- Transom
- Quarter Arch
- Operating Octagon
- Custom Shapes



KAS-KEL WINDOWS WILL OFFER YOU A LIFETIME OF WORRY-FREE OPERATION, BACKED BY ONE OF THE BEST WARRANTIES IN THE INDUSTRY.





The Ecoshield Windows Bay/Bow series provides high-end elegance in a high-efficiency system. With its heavily insulated seat board and Energy Star Rated Glazings packages, Ecoshield Windows Bays and Bows offer outstanding performance in a part of the home that is particularly vulnerable to thermal leaks.

Standard Features

- All Welded Construction
- 30 and 45 Degree Bay Window Style
- 15 Degree Bow Window Style
- 1½" Insulated Seat Board
- Red Oak or Birch Veneer Head and Seat Board
- Screens on Operating Vents
- 4 ⁹/₁₆" or 6 ⁹/₁₆" Jamb Depth
- Hanging Cable System
- Flexible Closure Fin
- Bay Available in DH or Casement Styles

Performance Options

- Energy Star Rated Glazing Packages
- Profile or SDL Grid Package
- Multiple Colors Available
- Custom Jamb Depths

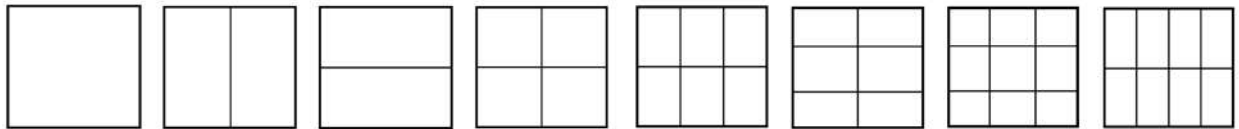
Bay Window



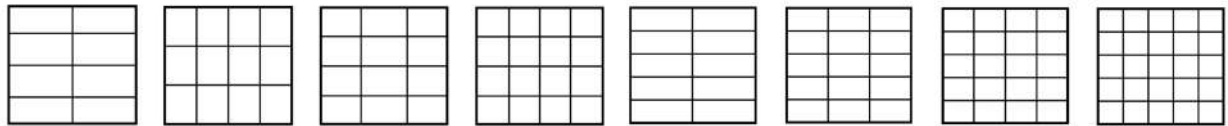
Bow Window



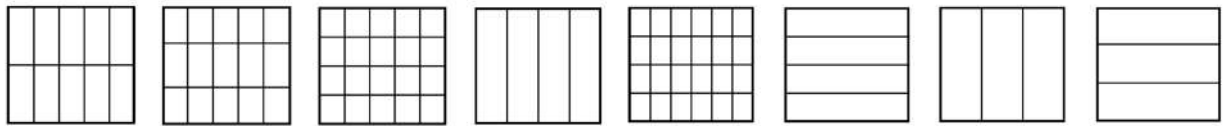
Grid Patterns



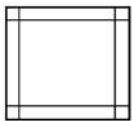
(A) 2 Wide (B) 2 High (C) 2 Wide - 2 High (D) 3 Wide - 2 High (Z) 2 Wide - 3 High (F) 3 Wide - 3 High (G) 4 Wide - 2 High (H)



2 Wide - 4 High (I) 3 Wide - 3 High (J) 3 Wide - 4 High (K) 4 Wide - 4 High (L) 2 Wide - 4 High (M) 3 Wide - 4 High (N) 4 Wide - 4 High (O) 5 Wide - 5 High (P)



5 Wide - 2 High (R) 5 Wide - 3 High (S) 5 Wide - 4 High (T) 4 Wide (Y) 6 Wide - 4 High (Q) 4 High (V) 3 Wide (W) 3 High (X)



Border (F)

NOTE: Grid pattern will be factory recommended unless otherwise specified at the time of the order

Profile Options

Simulated Divided Light Grill



- **3/4" Contoured SDL with spacer bar**
- Our simulated divided light grill incorporates a space giving the look of true divided light

Grill Between the Glass



- **3/4" Contoured Grill Between the Glass**
- Our grill between the glass incorporates a deluxe shadow bar giving the look and feel of divided panes.



Fabricated for today's generation.

- Limited Lifetime Warranty
- Over Seven Decades of Manufacturing Experience
- Electronic Ordering System
- Field Service Team
- Architectural Support
- Marketing Services
- Extensive Delivery Fleet
- Energy Star Labeled
- NFRC Certified
- AAMA Certified Extrusions



A Cleaner, Greener World

*Ecoshield Windows can reduce home energy use by 30 to 40 percent, and reduce CO2 output by 1,600 pounds per year. * No window on Earth is better for the planet.*



Designed for Living

Ecoshield Windows come in a wide range of styles to complement almost any architecture. They're low maintenance, high-performance, easy to clean, and a natural fit with any living room or lifestyle.



Built for Life

High-grade hardware and high-impact components have earned Ecoshield Windows high marks for longevity. All Ecoshield Windows are backed by the strongest warranty in the industry.

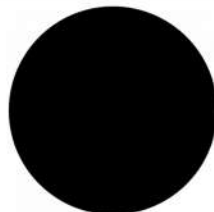
Standard Exterior Colors



TERRASTONE



FIELDSTONE



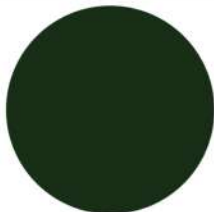
BLACK



BRONZE



AUTUMN RED



HUNTER GREEN

Have a color in mind? We can custom match it!

*All representations of colors are mechanically reproduced and may vary from the actual product. Terms and conditions apply

