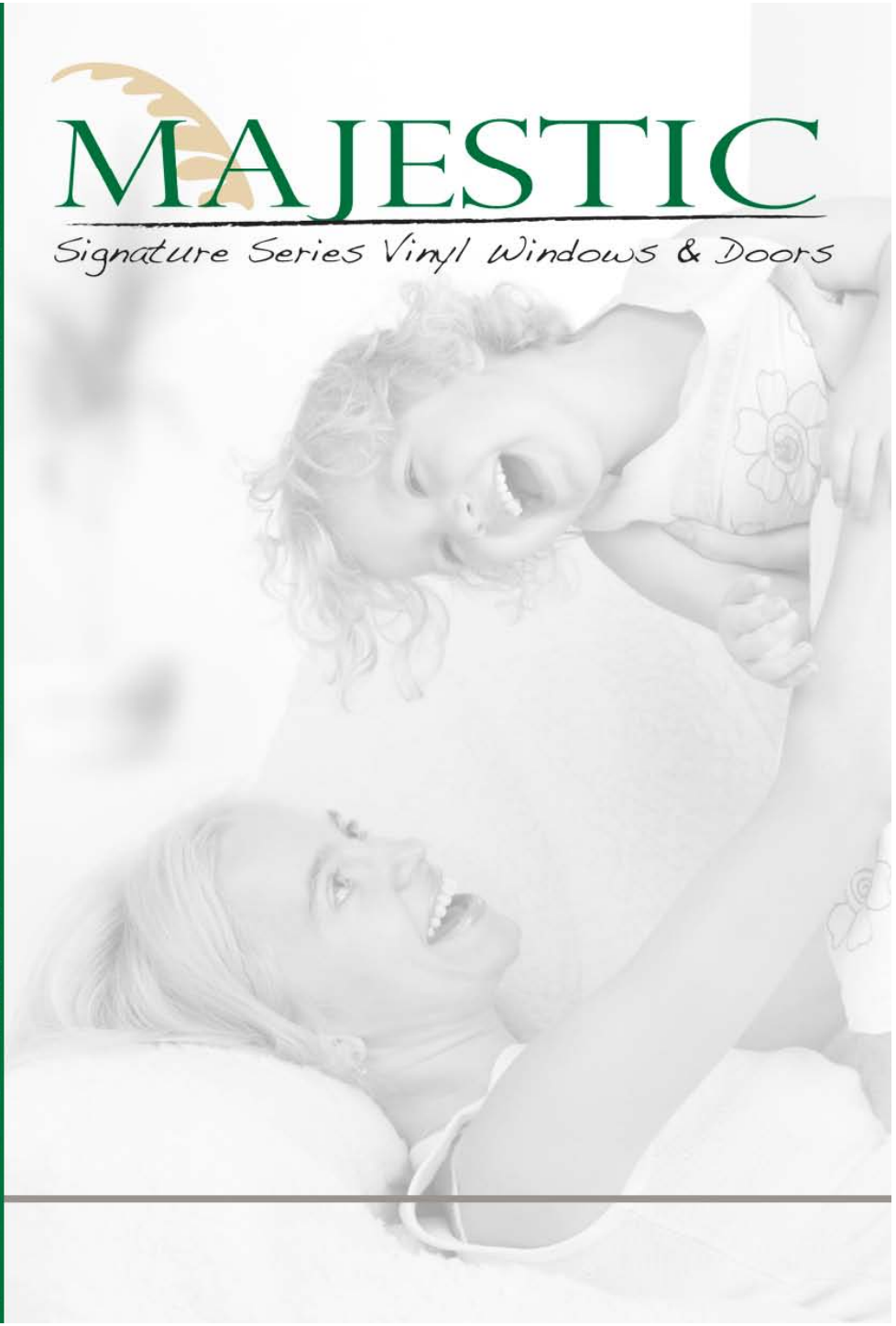
# MAJESTIC

Signature Series Vinyl Windows & Doors



# Why Majestic Signature Series Windows?

**We've selected a few quality dealers like yourself to partner with us. We've been told that Ideal has one of the best reputations for quality products, dependability and customer service. We would like to continue to build on this reputation by excelling and working with you as our partner.**

## *Our Company:*

For over 87 years, Ideal has engineered, manufactured and shipped quality window and door products. As we enter new markets and develop new product lines, we will continue to invest in quality-based engineering and manufacturing processes. By doing this, we can ensure you the level of product dependability you have come to expect from Ideal.

## *Our Quality:*

Our products are designed to meet and exceed AAMA and NFRC specifications. All of Ideal's products must pass a series of tests through quality control and all our windows and doors are tested for thermal as well as structural performance. This guarantees the consistency and dependability of our products.

## *As Our Partner:*

It's our job to satisfy your needs throughout our partnership. We strive to earn your confidence to design, build and deliver dependable products on time. Whether it's engineering, marketing, sales or service we're here to support you better than anyone else. As a Majestic dealer we will not only be providing you a protected territory, but a list of sales and marketing tools to help you grow your business.

- Complete Product Line
- Many Glass options as well as (ESM) next generation glass system
- A Lifetime & Glass Breakage Warranty
- Website, Brochures, Displays

Custom made to fit any lifestyle

# How do we do it?

The sash and frame has a millwork fit and finish like a high end wood window. Compared to the "institutional" looking or "me too" vinyl window.

## PLUS....

- State of the art structural & thermal performance ratings
- Non metallic I-beam re-enforced stiffeners - Extremely strong and adds insulation value
- Triple weather seals - for better air performance
- Anti-drift preventer - close bottom sash without top sash drifting down
- Shadow grooved welded sashes
- Continuous head & sill
- Factory mulled units or field mulling available
- Teflon coated stainless steel constant force balance system
- Grade .10 forced entry night latch
- Multiple color & glazing options available

# Performance Options

Increased utility bills really become a stress factor with today's homeowner. The importance of **reducing energy** cost is a top priority. **Majestic windows solve that problem** with top of the line energy saving options.

**The energy efficiency of vinyl windows that exceed the Energy Star® requirements means there is less electricity used to heat and cool a home.**

**All Majestic windows are Energy Star® qualified.**

**All Majestic Double Hung, Picture Window, Slider, Casement and Awning products qualify for the 2010 federal tax credit when manufactured with any of our Energy Saving Packages.**

ESM

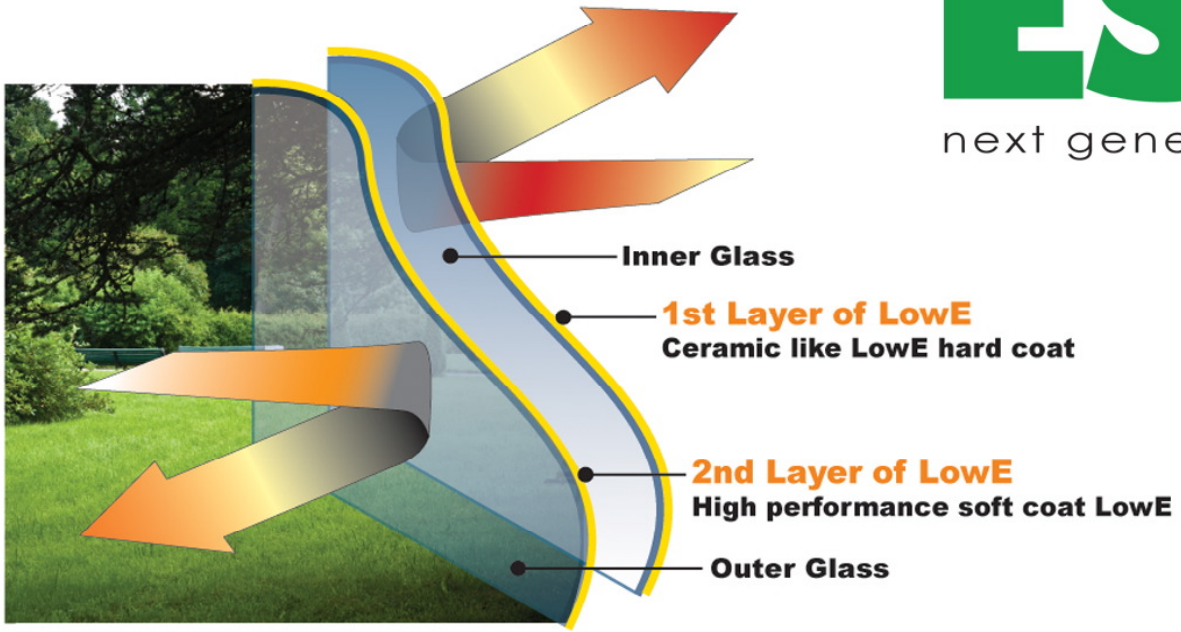
next generation glass system

**Majestic Signature Series high performance glass is the "next generation" glass system. ESM is the biggest advancement in dual pane technology for many years.**

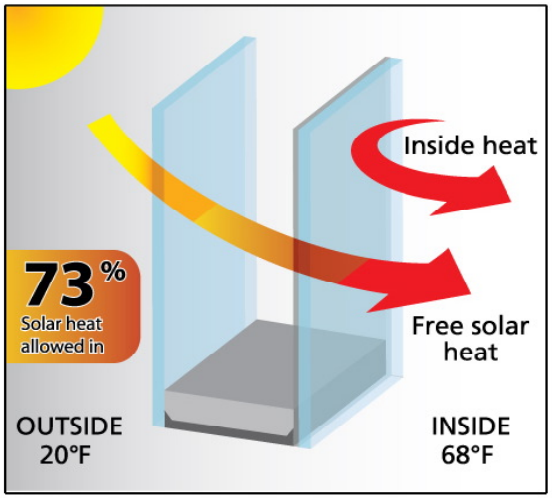
- **Triple pane performance at a dual pane price. Your best value!**
- **30% less weight and 40% less cost then triple pane.**
- **Highest rate return for your money.**
- **More year round comfort in your home.**
- **Meets and exceeds the .30/.30 tax credit standard.**
- **Meets and exceeds the 2011 & 2012 Energy Star® standards.**
- **Built with green in mind.**

## *ESM Package Includes:*

ESM
next generation glass system




- ESM is ideal for use in northern climates where heating costs are the primary concern.
- ESM's superior performance reduces energy costs year after year. Based on independent testing, a typical homeowner in the northern U.S. can save up to **11% annually** when compared to the competition.
- ESM's center of glass (COG) is **18%** more efficient than single LowE and even Triple Silver coating LowE.
- ESM's inside glass surface of the home has a ceramic like LowE coating that is bonded to the glass making the surface extremely durable.

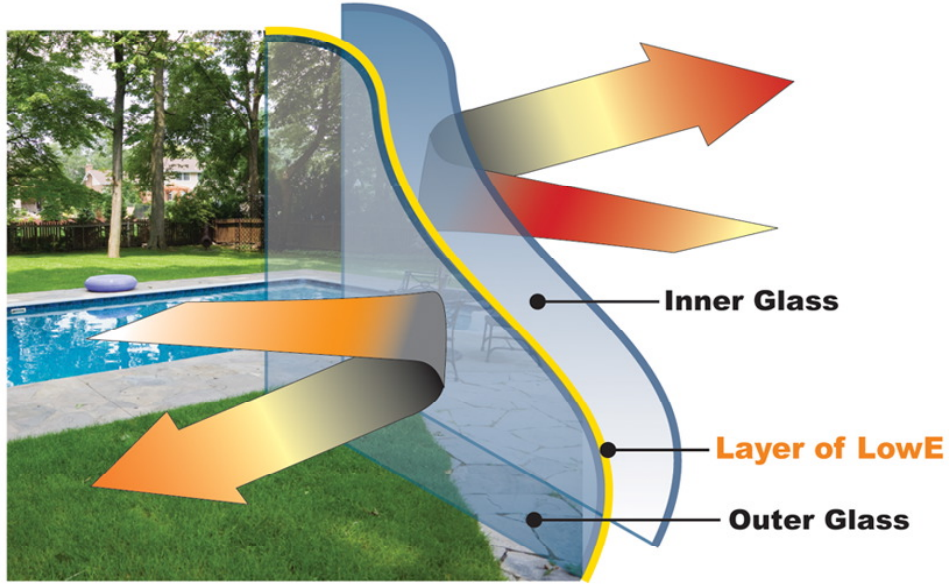



energy Green windows

**While the Energy Green Package does not make the window organic, it can help a homeowner create that energy green home!**

## *Energy Green Package Includes:*

- Dual pane glass with LowE on surface #2 allows the coating to reflect more of the solar energy outside when the sun is shining, thus lowering the solar heat gain during warm conditions.
- Foam filled frames increase the frame energy efficiency by 30%.
- Double strength glass is 20% thicker than standard single strength and helps reduce breakage and stress cracks.



# Intercept® Ultra Stainlesss Steel Spacer

**All Majestic Windows feature the ULTRA Stainless Steel spacer system. The spacer system provides outstanding strength and flexibility, while allowing the insulated glass unit to adjust to temperature changes.**

### 1. Reduced Heat Loss

- Ultra stainless steel spacers are so energy efficient, they keep the edge of the windows glass warmer.
- Ultra stainless spacers are as efficient as foam non-metallic spacers.

### 2. Improved Aesthetics

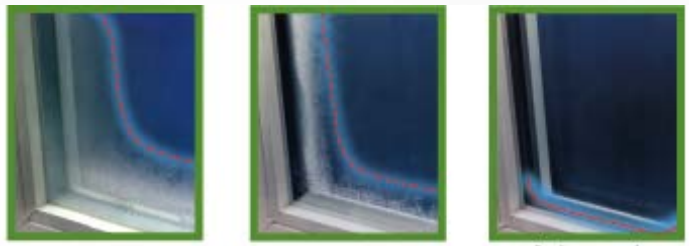
- Steel spacer is machine formed, folded and installed straight, providing a spacer which stays hidden behind the sash profile over long distances and in the corners.
- All Intercept spacer systems provide a precisely calculated punch plot for grids to be clipped into. This virtually eliminates crooked grids due to human error or handling.

### 3. Argon Gas Retention

- Improved Argon Gas retention. Tested to less than 1% loss per year.

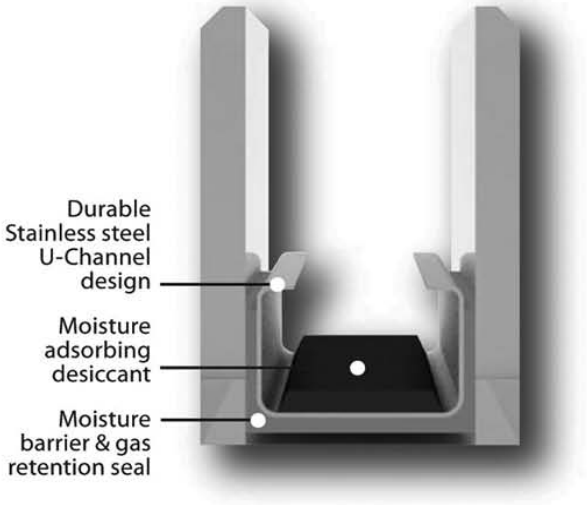
### 4. Warmer Glass Temperature

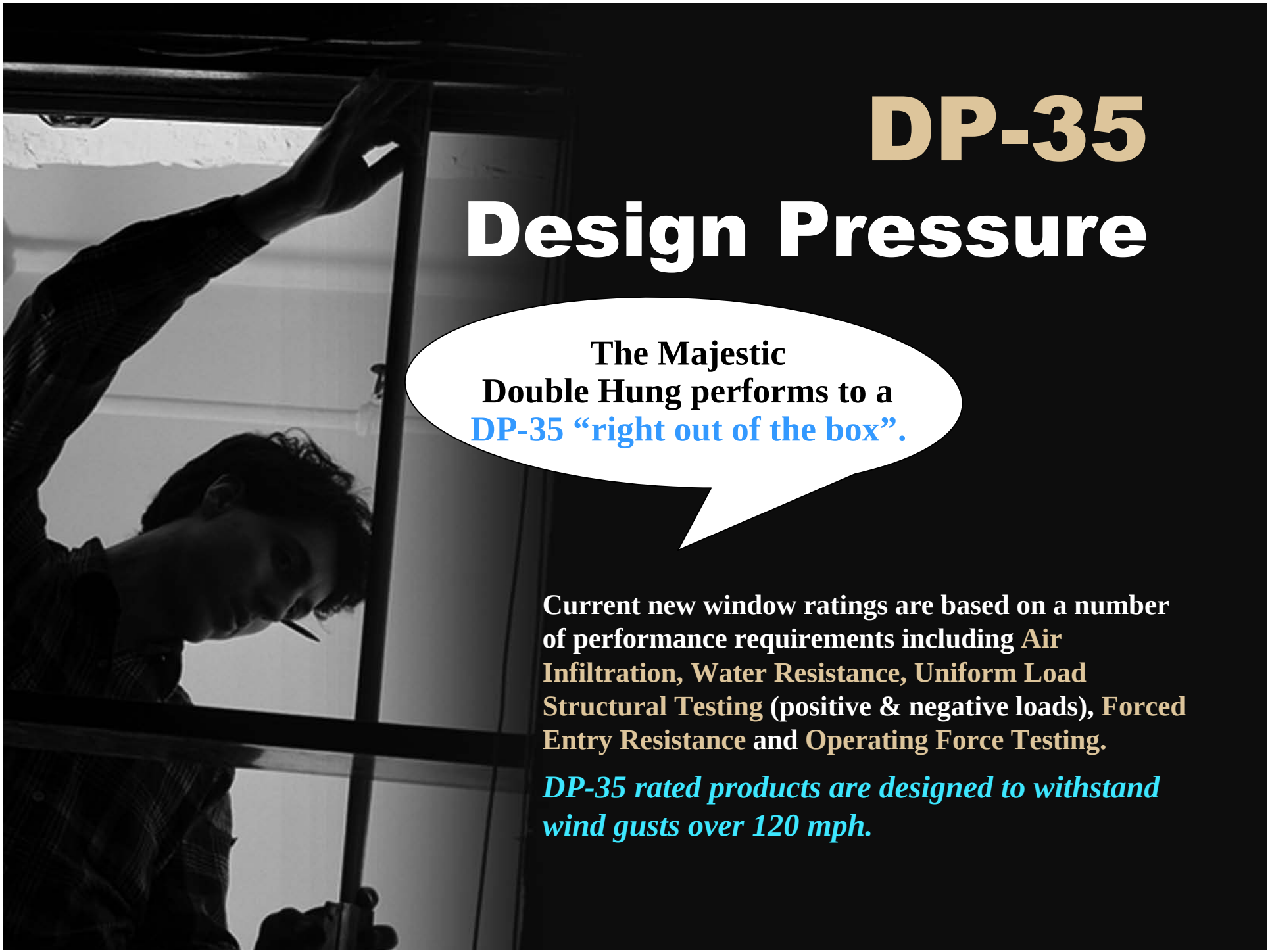
- Better insulating value (89% higher R-Value).
- Lower energy bills.
- Fewer drafts, improved comfort.



Other Spacers

Intercept ULTRA Spacer



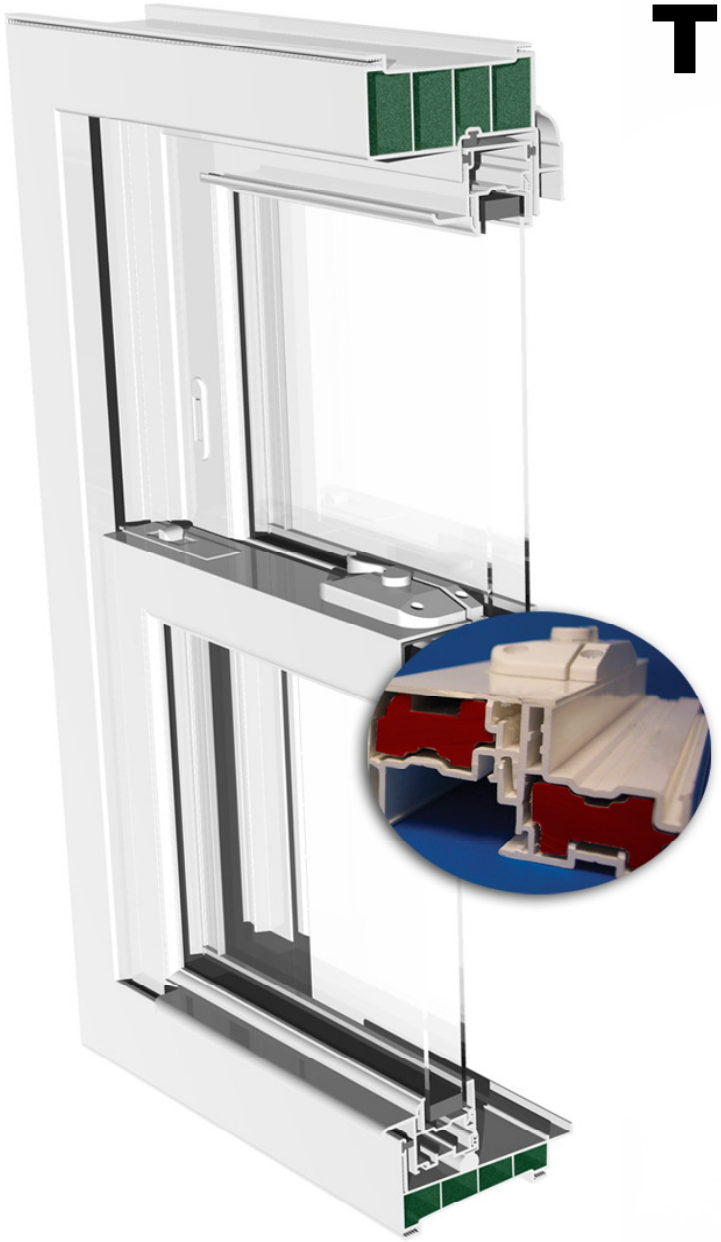


# DP-35 Design Pressure

**The Majestic Double Hung performs to a DP-35 "right out of the box".**

**Current new window ratings are based on a number of performance requirements including Air Infiltration, Water Resistance, Uniform Load Structural Testing (positive & negative loads), Forced Entry Resistance and Operating Force Testing.**

***DP-35 rated products are designed to withstand wind gusts over 120 mph.***



# Thermally Efficient Frame

Injected polyurethane foam **increases the insulating value** of the window frame **up to 30%.**

Most manufacturers do not reinforce their windows. The small fraction of those who do usually use steel. Majestic windows feature a **solid PVC reinforcement** in all our lock and keeper rails.

The K-value (Thermal conductivity) of this composite is **730 times better than aluminum and 191 times better than steel.**

# GREEN Foam Filling

**Now more environmentally friendly!**

Our insulated window foam is well-known for increasing the energy efficiency of our windows.

- We have replaced some petroleum content with renewable plant material.
- Now with fire retardant.
- 3-8% Improvement in window "U" value, helps conserve energy and save money.
- Improves condensation resistance.

Achieved a USDA **BioPreferred**℠ product identification/designation for renewable resource content.

**www.biopreferred.gov**

# Double Hung Outside Features

- **Internal & External Euro-Grooves** provide easy snap on channels for a variety of accessory items.
- **Three pieces of woolpile** in the head jamb provide improved performance.
- **Unique millwork fit and finish.**
- Units made **every 1/8”** provides a perfect fit.
- Mitered glazing beads.
- **Fully welded sill** eliminates the need for weepholes and provides improved air infiltration results.

# Double Hung Inside Features

- **Dedicated head jamb** offers a cleaner look with better air infiltration performance than units with snap-in head adapters.
- **Anti-drift** preventer.
- **Shadow grooved** welded sashes.
- **DVL™ Deluxe Vent Lock** allows the window to vent partially with added security.
- **Unique heritage style sash.**
- **Externally glazed** provides a clean aesthetically pleasing view from inside.

# Optional
# New Construction Frame

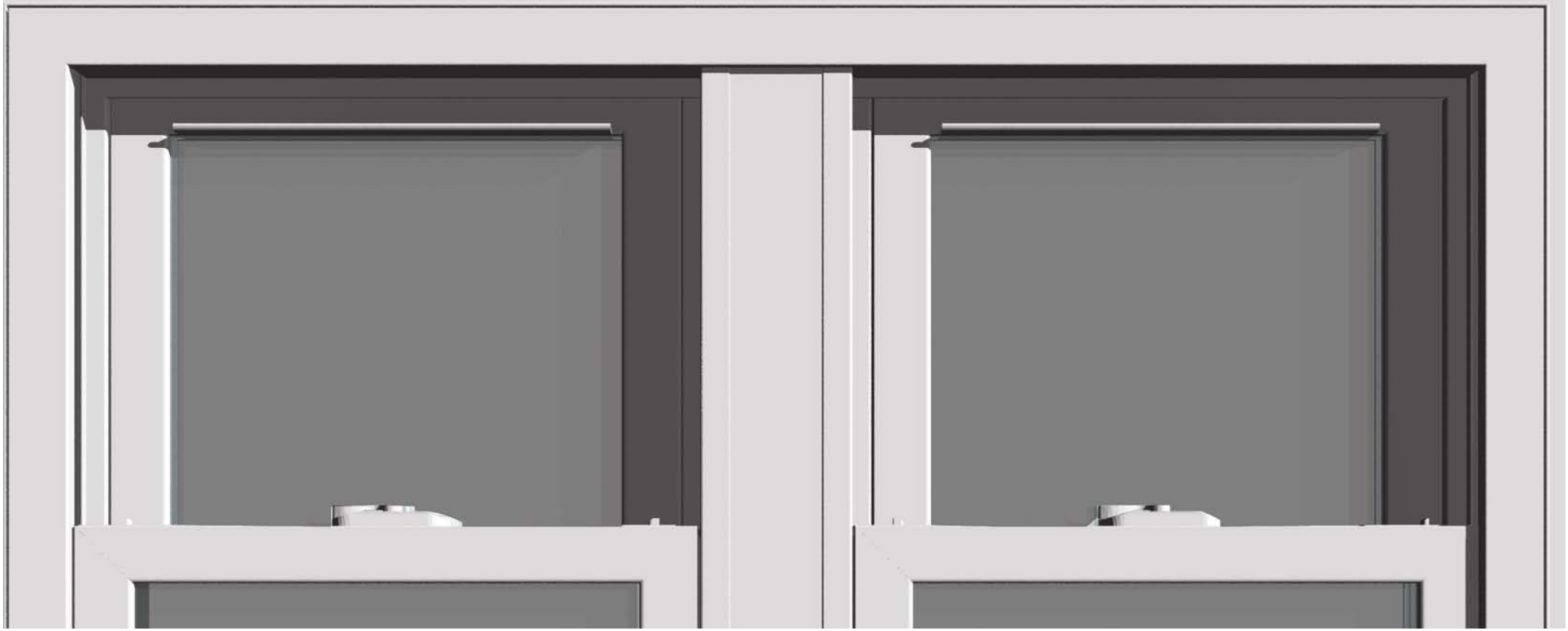
- **Contoured exterior frame.**
- Available with integral nailing fin and J-channel.
- **Factory applied extension jambs** for 4-9/16” or 6-9/16” wall thickness are available in clear or primed pine.

***New England trim kit available.***

# Continuous Head & Sill

The master frame for multiple units features a **continuous head and sill** secured with an internal structural mullion. All combination units can be **factory mulled together** to reduce the possibility of water and or air leakage long after the unit has been installed.

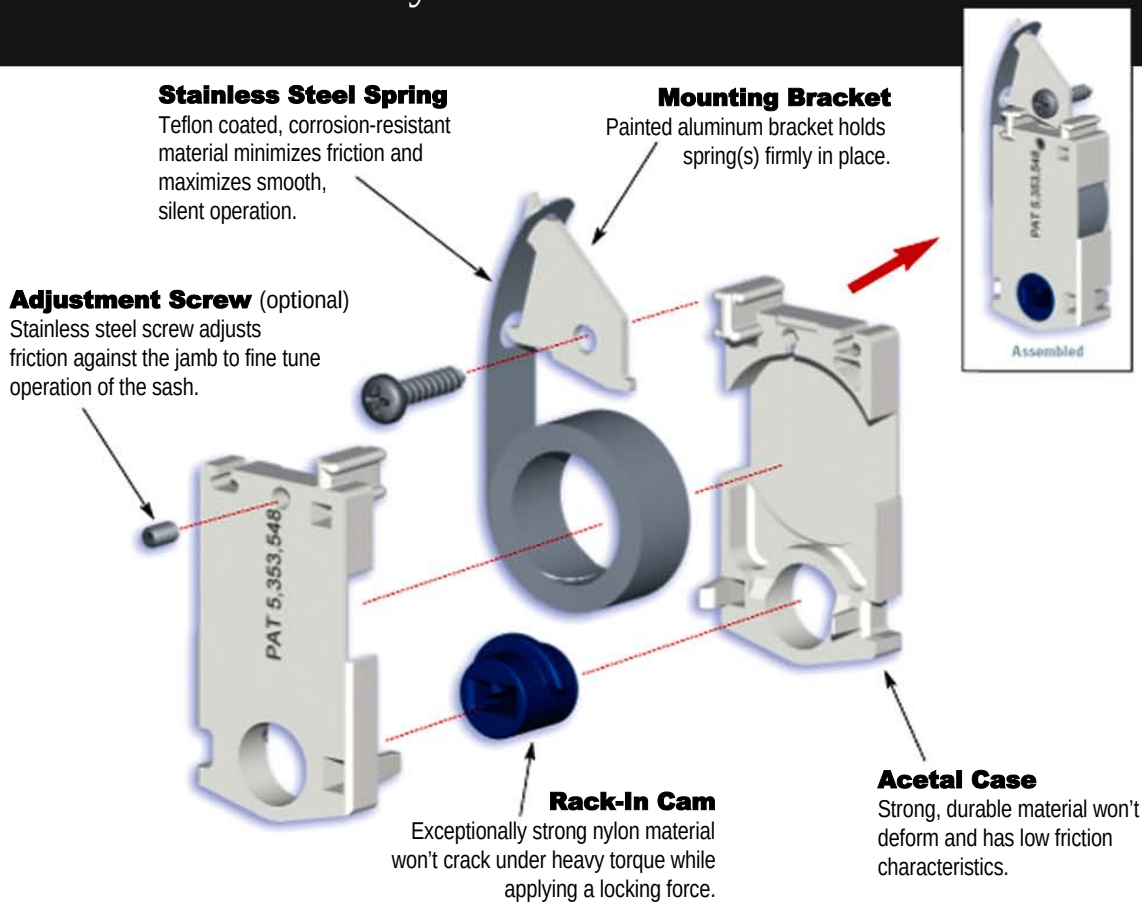
*All factory mulled units come shrink wrapped with cardboard corners.*



# Roller-Tilt ®
# Constant Force Balance System

The only constant force balance system where the springs follow the sash. The patented design allows the sash to move with considerably less friction and noise.

Rated Class 2 on the *AAMA Verified Components list!




## Homeowner Safe:

In order to disengage the sash from the frame the Roller Tilt® System must be racked. This prevents accidentally tilting the sash in when cleaning and disengaging the sash from the frame.

*** American Architectural Manufacturers Association**

# Force Entry Night Latch

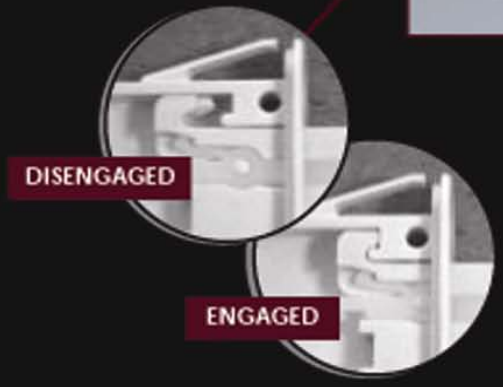
## DVL™ Deluxe Vent Lock

**Passes ASTM F 588-97 (Grade 10)**

(ASTM) American Society Testing and Material

**For Forced Entry Resistance!**

The tongue-and-groove design securely interlocks at the top and bottom of the lock assembly for additional forced entry resistance.




- **Allows double hung windows to be vented without sacrificing home security.**
- **Looks and fits like a standard vent stop, but performs as a lock.**
- **Easily activated with a spring-loaded bolt.**

# Stylish Locks

**Forgiving Cam:** Most valuable feature in a window. This design insures proper engagement between the lock and keeper.

**Security & Reliability:** The pick- resistant design of this lock helps exceed forced entry requirements.

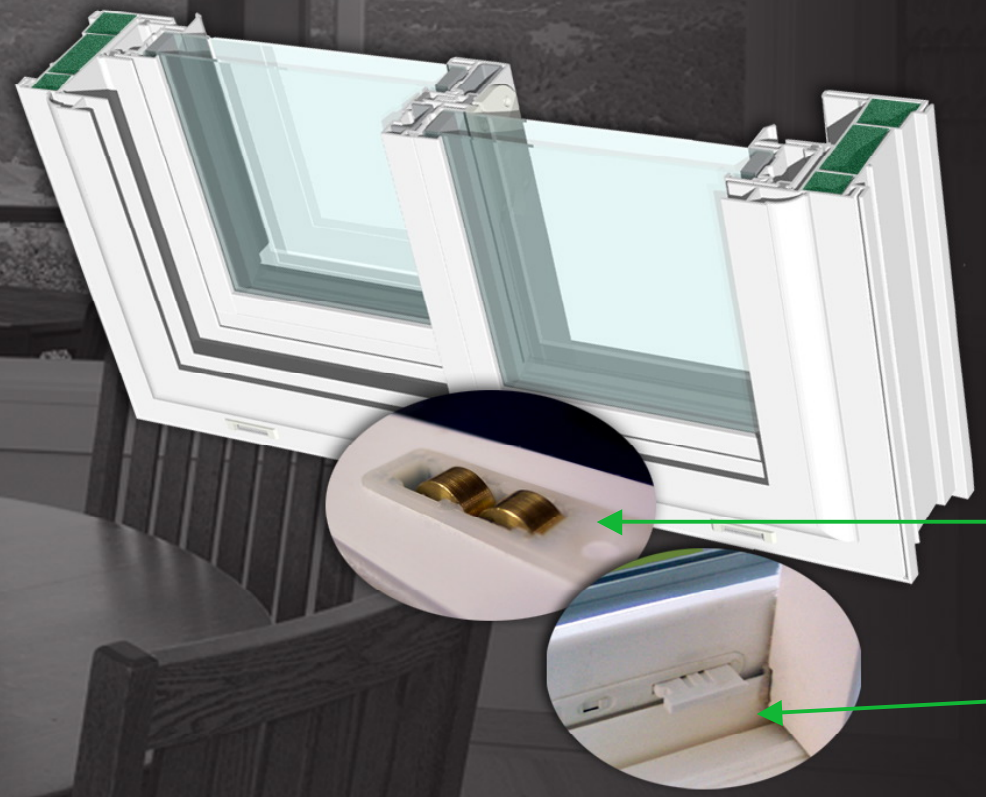
**Material:** High-pressure, corrosion-resistant, die-cast zinc.

**Double Locks:** Found on all double hung units 26” and over in width. (26” in height for sliders).

# Locking Screen

- Extruded Aluminum
- Narrow Profile
- Peened Steel Reinforced Corners
- Locking Tabs

# Slider Windows



**Double Sliders (all active)**

2-Lite

3-Lite (Equal & ¼ - ½ - ¼)

**Single Sliders**

2-Lite (OS or SO)

3-Lite (OSO – Equal & ¼ - ½ - ¼

- Unique contoured exterior frame.
- Composite Reinforced, Interlocking Meeting Rails provide stability and strength missing from most vinyl products.
- Anti-Lift Fillers provide security and unwanted entry.

**Brass Rollers**

Allow sashes to glide smoothly.

**Two Vent Locks**

Provide limited ventilation .

# Basement Vent

- Matching contoured exterior frame.
- Stainless steel hinges.
- Dryer vent options.
- Double locks over 25 ¾”.

# Casement & Awning Features

- Soft beveled sash adds curb appeal.
- Fusion welded sash and frame for strength and durability.
- Stylish Encore™ folding handle.
- E-Gard® coated hardware.
- Multi-point locking system.
- Available factory assembled.
- Continuous master frame on multi-lite units.

- **Optional** new construction frame with nailing fin and J-channel.
- **Optional** stainless steel hardware for coastal applications.
- **Optional** Egress hinge available for casements.

DP-60
Design Pressure
Our Casement
window exceeds
coastal DP-50
requirements with a
DP-60 rating.
Two snubbers found on the hinge side, keep the frame and sash square to enhance performance and energy efficiency.

# Multi-Point Locking System

**2 keepers less than 29”**

**3 keepers 29” to 69”**

**4 keepers over 69”**

***Bottom keeper mounted closer to the sill, providing a tighter seal at the windows weakest point.***

*Our multi-point locking system offers a stylish and sleek look. Keepers align the sash up against the frame tightly, ensuring security and a weather-tight seal.*

Hardware is protected with **E-Guard®**, a coating that protects three times longer than zinc plated finishes.

# Encore™ Folding Handle

**Our folding handle offers a smooth, more contemporary look with less interference with window treatments.**

Meets or exceeds the maximum performance requirements that are sought in today's market of casement & awning windows. An additional gasket installed around the base of the handle ensures the assembly is tightly sealed. This protects against water, light and air infiltration.

# Encore™ Operating System

**Three** hinge options are available. Includes standard E-Guard® coating or optional stainless steel finish for coastal applications.

## 1. Standard Dyad

- Provides easy operation – (up to 33% less effort).
- Reduced sash play, resulting in less sash “walk”.
- Offers over 3” of washability with standard hinge.

## 2. Maxim Hardware

- Allows for “maxim-size” large window operation up to 36” x 72”.
- Will allow for over sized heights (up to 80”) for units up to 26” wide.
- Certified to meet AAMA 904.1 cycle testing at commercial rating (8000 cycles).

## 3. Egress (straight arm)

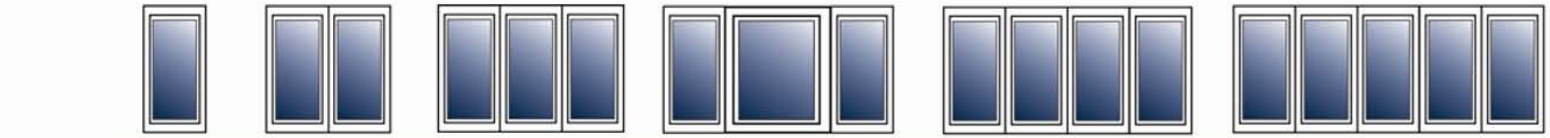
- Allows for larger clear opening to help meet egress codes with smaller windows.

# Casement Configurations

Our casement windows are available in single or multiple vent units.

Combination windows of **2, 3, 4 or 5** sash units are manufactured with a continuous master frame, providing easier handling and installation.

**Minimum Height:** 19 ¾”  **Maximum Height:** 72”



| | | | | | | |
|---|---|---|---|---|---|---|
| Min. Width | 15 1/2" | 29 1/2" | 44" | 54 1/4" | 58 1/4" | 72 1/2" |
| Max. Width | 36" | 72" | 94" | 120" | 120" | 150" |

# Awning Configurations

Factory mulled master frame of **2, 3 or 4** combination units provide a clean look, simple handling and trouble-free installation.

## Horizontal

** Minimum height on all models is 14"*
*Maximum height on all models is 38"*

**4001 H**

Min. Width **16"**
Max. Width **48"**

**4002 H**

Min. Width **30 3/4"**
Max. Width **96"**

**4003 H**

Min. Width **45 1/2"**
Max. Width **144"**

**4004 H**

Min. Width **60 1/4"**
Max. Width **166"**

## Vertical

*Minimum width on all models is 16"*
*Maximum width on all models is 48"*

**4002 V**

Min. Height **26 3/4"**
Max. Height **74 3/4"**

**4004 V**

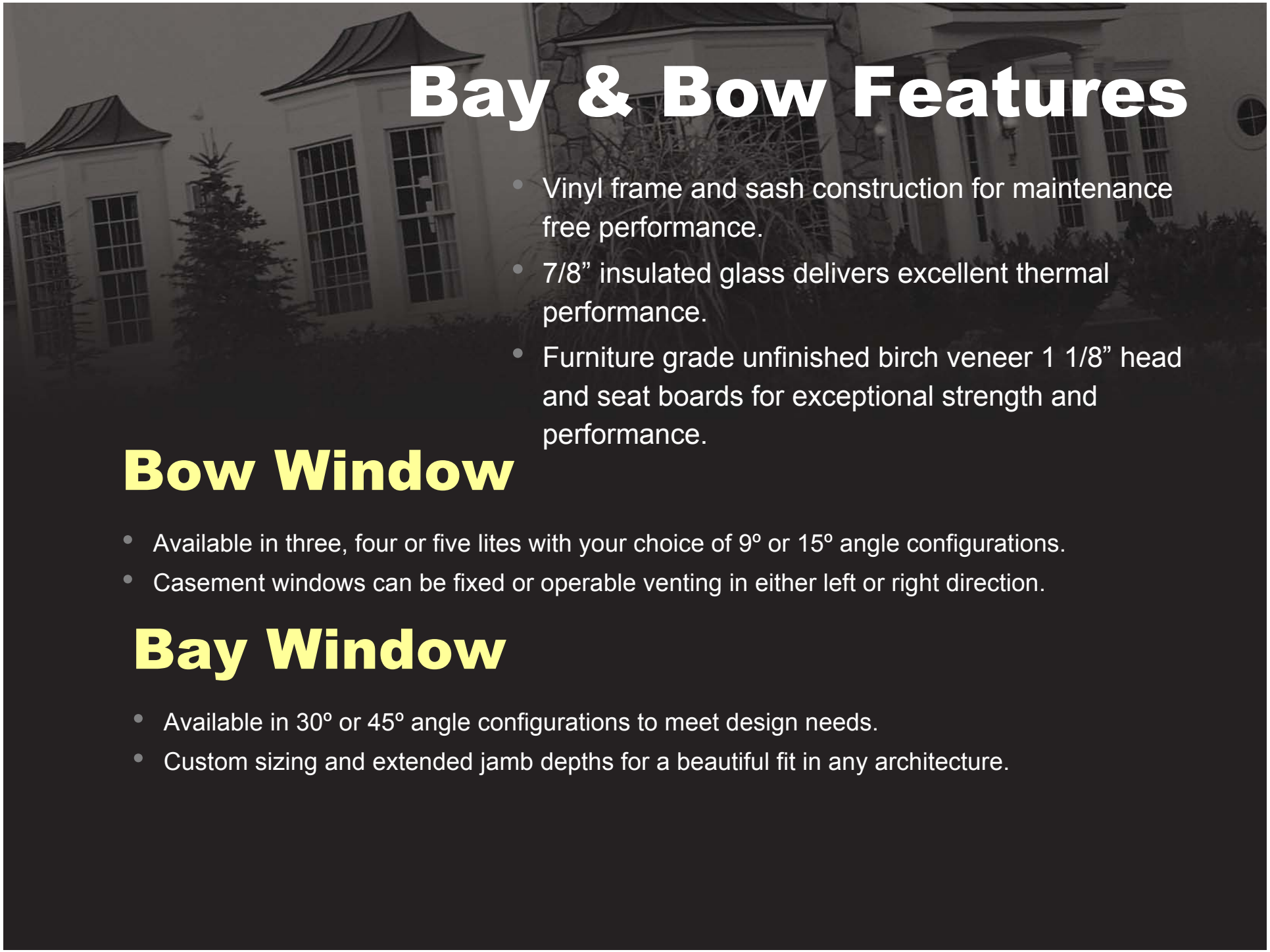
Min. Height **52 1/4"**
Max. Height **148 1/4"**

**4003 V**

Min. Height **39 1/2"**
Max. Height **111 1/2"**

**4002 SV**

Min. Height **26 3/4"**
Max. Height **120"**



# Bay & Bow Features

- Vinyl frame and sash construction for maintenance free performance.
- 7/8” insulated glass delivers excellent thermal performance.
- Furniture grade unfinished birch veneer 1 1/8” head and seat boards for exceptional strength and performance.

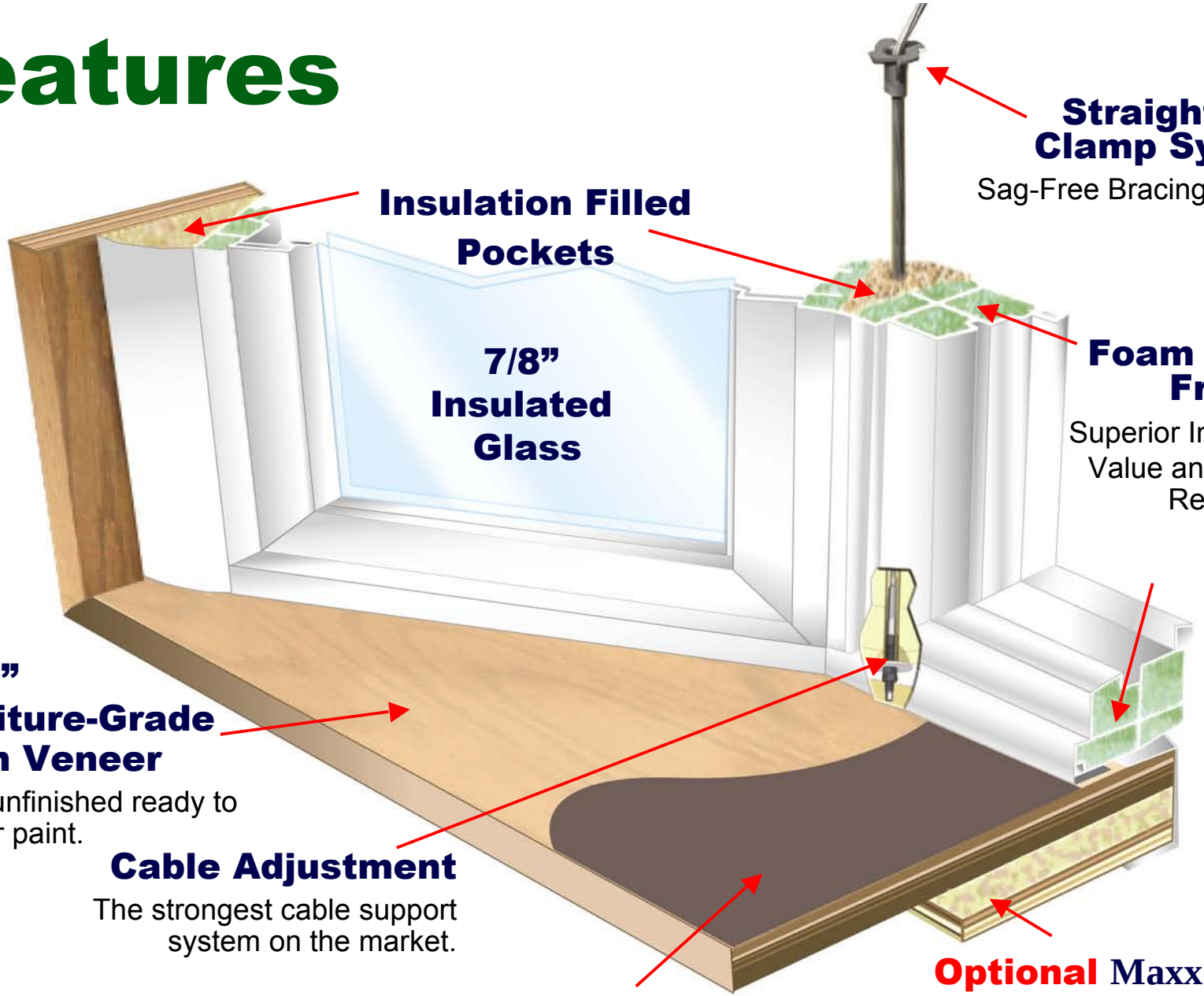
## Bow Window

- Available in three, four or five lites with your choice of 9º or 15º angle configurations.
- Casement windows can be fixed or operable venting in either left or right direction.

## Bay Window

- Available in 30º or 45º angle configurations to meet design needs.
- Custom sizing and extended jamb depths for a beautiful fit in any architecture.

# Features



**Straight Line Clamp System**
Sag-Free Bracing System

**Insulation Filled Pockets**

**7/8” Insulated Glass**

**Foam Filled Frames**
Superior Insulating Value and Sound Resistance

**1 1/8” Furniture-Grade Birch Veneer**
Ships unfinished ready to stain or paint.

**Cable Adjustment**
The strongest cable support system on the market.

**Protective Craft Paper**
Protects unfinished head and seatboard during installation.

**Optional Maxx-Bay® *TK* Insulated Seatboard**
For maximum thermal protection.

COMPOSITE WOOD products contain urea formaldehyde, which is a known carcinogen. UF is also designated as a toxic air contaminant (TAC) in California with no safe level of exposure, and state law requires ARB to take action to reduce human exposure to TACs.

California Air Resources Board (CARB)

Fact sheet on Proposed Airborne Toxic Control Measure for Composite Wood Products, July 2006.

# THE FACTS...THE PURE FACTS

## All of Ideal's seatboards are made using only PureBond ®.

Improving indoor air quality benefits all of us. Eliminating urea formaldehyde from composite wood products in your home is a sure way to enhance the quality of your indoor home.

PureBond is composed of soy protein, not urea formaldehyde. In addition to eliminating toxic off-gassing, it gives plywood terrific strength and water resistance characteristics.

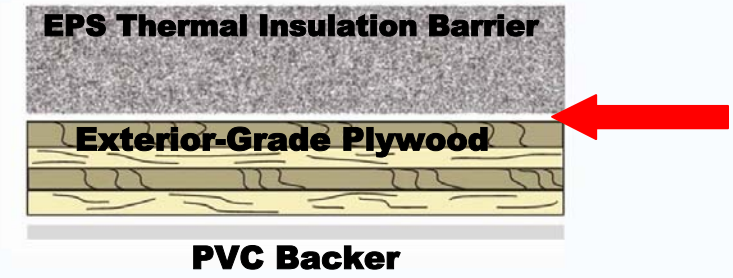
It's simple; when you use products made with formaldehyde-free PureBond technology, your helping to reduce toxins within the home, compared to traditional hardwood plywood products.

PureBond.

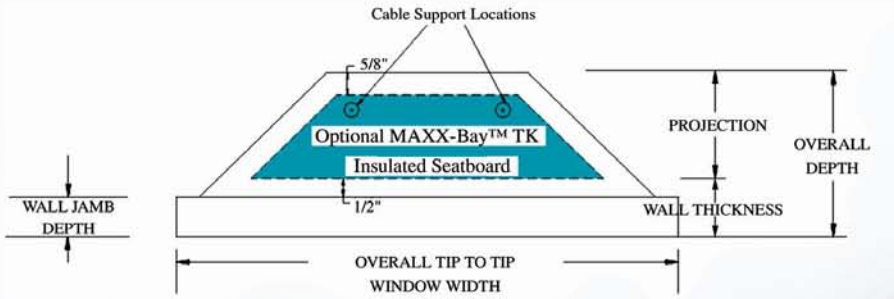
FORMALDEHYDE-FREE HARDWOOD PLYWOOD

# Optional Insulated Seatboard

## Thermal Kit Attachment



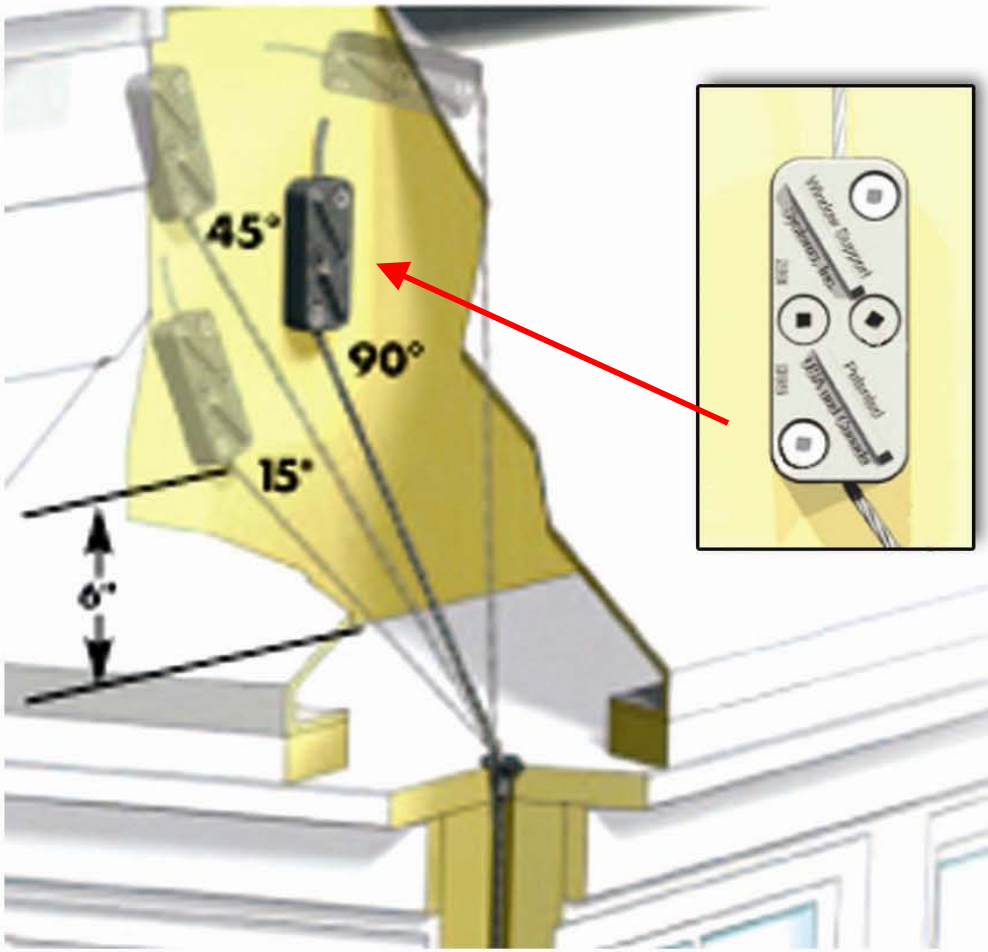

**Manufactured using a PVC Backer, Exterior-Grade Plywood and an EPS Thermal Barrier, each Thermal Kit provides an R-Value of 3.8 (.26 U-Factor) and is guaranteed for 10 years not to delaminate.**




**MAXX-Bay® *TK*** Thermal Kit Insulated Seatboard creates a superior thermal barrier suitable for any Ideal Bay or Bow product.

# MAXX-Bay® TK

# Straight Line Clamp Cable Support System




- Eliminates slipping & sagging up to 3000lbs.
- Ideal's **Straight Line Clamp** can be mounted in any position and range from 15º to 90º angles. This provides the installer optional mounting locations.
- Factory Installed.
- Chisel Edge helps clamp the base to it's mounting location and prevents cracking or splitting.
- Square drive screws for greater torque retention ***(square drive bit included).***

# Pre-Assembled Roofs

***Fully constructed, pre-assembled roofs available providing easier and faster installation.***

- Delivery ready-to-install.
- 5/8” plywood construction.
- Clad in 16 oz. solid copper, stock white, bronze aluminum or unfinished plywood.
- Cable support allowance.
- Available in 31 custom colors.

# Pre-Assembled Roofs

## 3 Roof Styles

**Islander:**

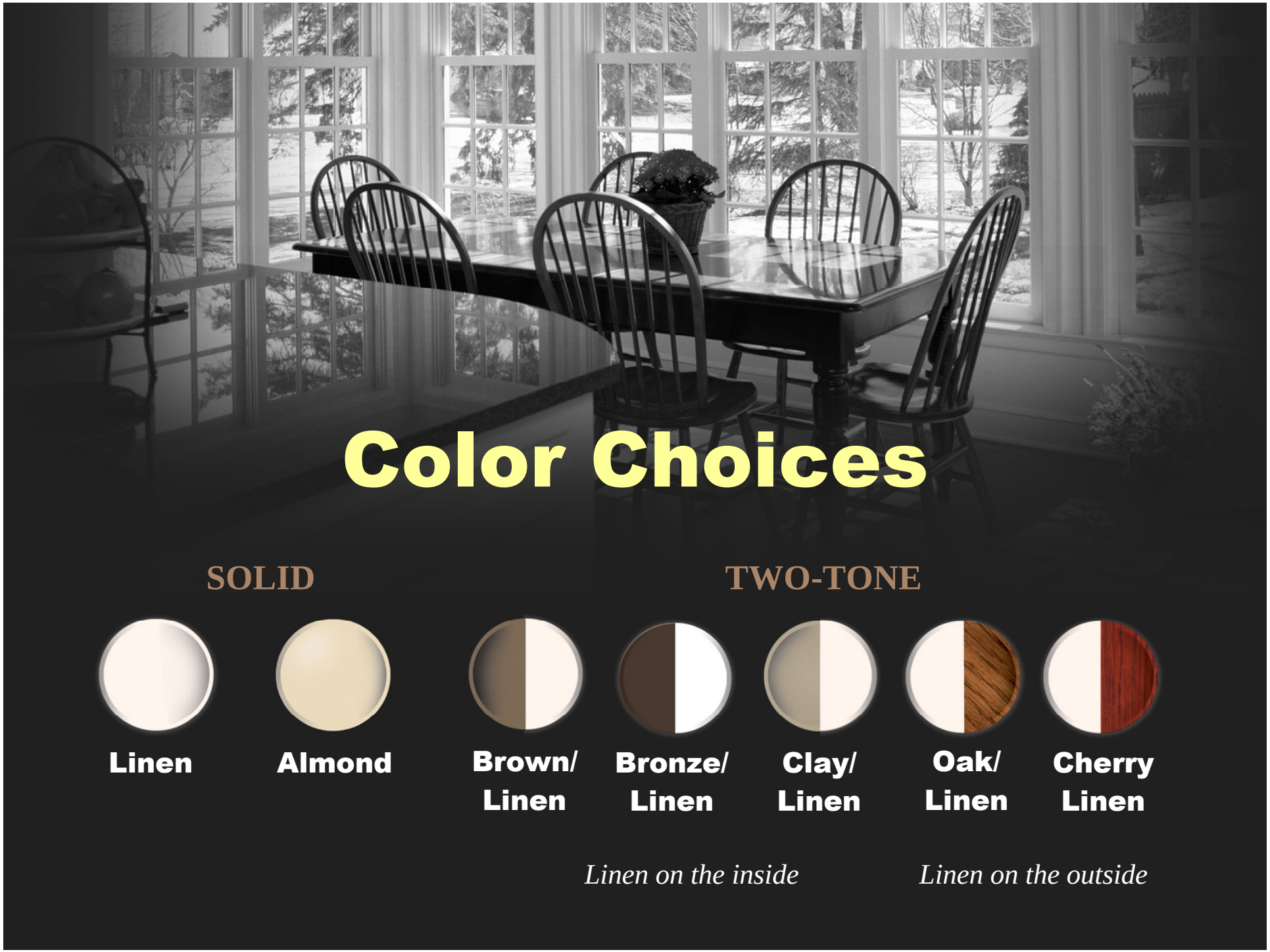
Low profile available in plywood, or clad in aluminum or 16oz. Copper and has a 8/12 roof pitch.

**Empire:**

High profile available in plywood, or clad in aluminum or 16oz. Copper and has a 12/12 – 14/12 roof pitch.

**Liberty:**

High curved profile available in 20oz. Copper only.



# Color Choices

## SOLID

Linen

Almond

## TWO-TONE

Brown/ Linen

Bronze/ Linen

Clay/ Linen

Oak/ Linen

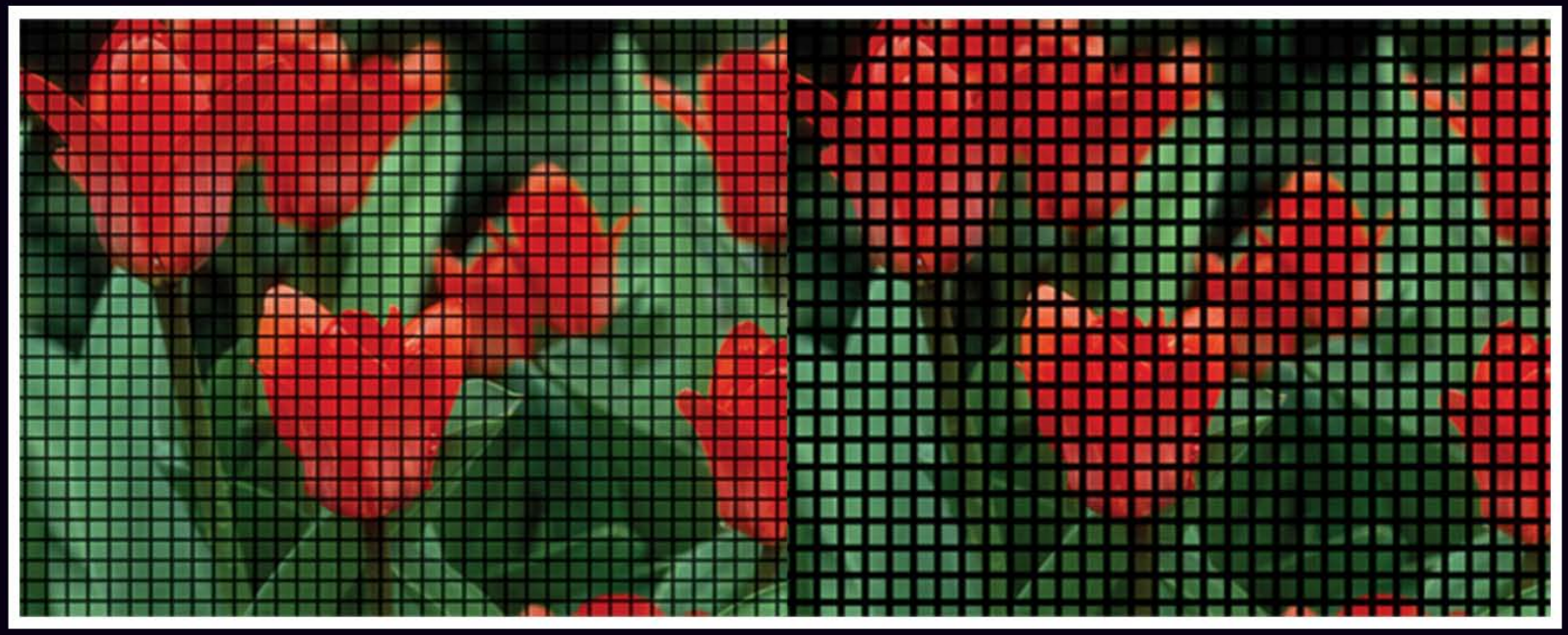
Cherry Linen

*Linen on the inside*

*Linen on the outside*

# UltraVue® Screen

*Excellent Visibility Insect Screen*



UltraVue® Screen  Standard Screen

- 25% better airflow, allowing light and fresh breezes to flow through
- 25% more optical clarity for a crisper, brighter outward view
- GREENGUARD® certified
- Infused with Microban® antimicrobial product protection

# Privacy Blinds

Blinds between the glass work beautifully in Majestic Windows and Patio Doors. This optional feature allows the homeowner to control light and privacy by tilting the slats to their preference or by lifting them for a direct view. This cordless operator offers a streamlined look and is safer for children and pets. The outer glass surface can be easily wiped without affecting the blinds.

**Note:** Lift & Tilt blinds only available in Casement and Patio Doors.

# Patio Doors

# Hampton Series Patio Door

## Colors

White

Almond

Bronze/ White

Brown/ White

Clay/ White

## Features

- Heavy duty fully welded frame and sash that enhances thermal efficiency
- Fully weatherstripped frame and sash provides superior resistance to air and water infiltration
- Reinforced meeting rails and pull handle for added strength and durability
- Removable nailing fin for replacement
- applications
- Double weatherstripped interlock and reinforced meeting rails provide extra weather protection
- Full 1" thick tempered insulated glass provides enhanced energy savings
- Standard LowE Glass & Argon
- 2, 3, and 4 panel configurations
- 8 standard sizes available
- Custom sizes made from 52” to 144” wide and up to 84” tall

- **Optional** Grids available in flat or contour.
- **Optional** Multi-Point lock & Footlock.

# Buckingham Series Patio Door

## Colors

White

Almond

Clay / White

Brown/ White

Bronze/ White

White/ Natural Oak

White / Cherry

## Features

- Mechanical frame with wood core, vinyl wrapped.
- Mechanical sash, steel reinforced.
- Optional nailing fin for new construction applications.
- 1” thick tempered insulated glass w/ Super Spacer.
- Offered in 26 standard sizes with custom sizes available.
- Available in 2, 3 and 4 panel sizes. 3 & 4 panels are shipped KD.
- White, Almond or Black Elite hardware is standard. Optional Legacy or Euro handle with key is optional.
- Multi-point lock is standard.
- Optional White, Black, Bright Brass, Black Nickel or Brushed Chrome Legacy handle with key is available.
- Optional Euro handle is available in white or black with key. Two-tone White or Black exterior available in Bright Brass, Brushed Chrome or Black Nickel interior also with key.
- Standard LowE and Argon Gas.

- **Optional** Grids, V-Groove Glass, Brass or Pewter Pencil Grids.
- **Optional** Privacy Blinds.
- **Optional** Footlock, Security Lock, Security Bar and Stainless Steel Rollers.
- **Optional** Triple Glazed.

# Decorative Glass Options

***Flat Grids***

***Contour Grids***

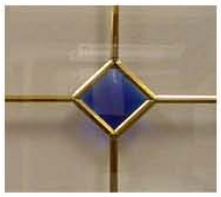
**Stylish grid and glass options are available adding personal touch to any home.**

***Simulated Divided Lites***

*Contour grids are applied to the inside and outside of the glass surface.*

***Obscure Glass***

*Creates a sense of privacy in any room.*



***Designer Glass***

*Traditional, beveled and camed art glass.*

***Privacy Blinds***

*Provides not only privacy and light control but also reduces fading of interior furnishing while increasing energy efficiency.*

# We are looking forward to working with you.

Ideal Window

*Our Name Says It All!*