

# THE ENERGY KING

VINYL • WINDOW • COLLECTION

## VINYL SINGLE HUNG WINDOW

NEW CONSTRUCTION SERIES



REPLACEMENT SERIES



New construction window with contour grids

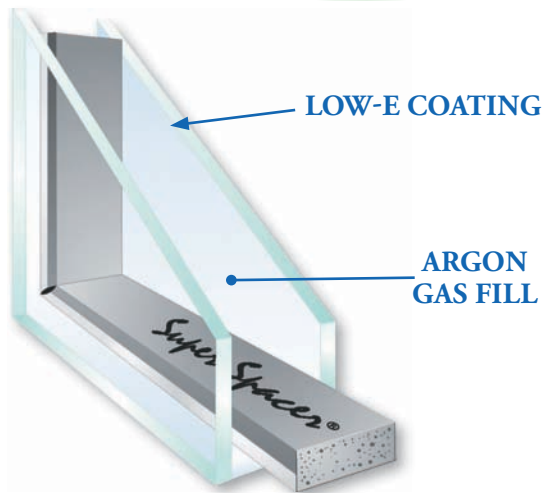


Replacement window with prairie grids

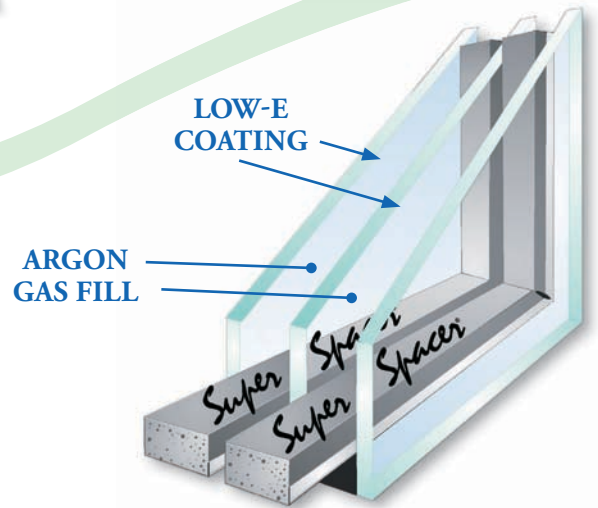


New construction window with flat grids

# Energy Efficiency Achieved Through Advanced High Tech Insulated Glass Solutions



DUAL GLAZED  
WITH LOW-E COATING AND ARGON GAS



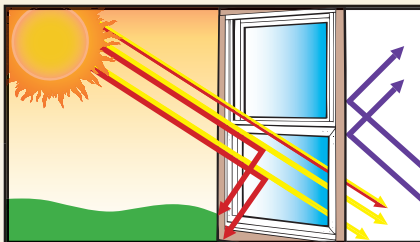
TRIPLE GLAZED  
WITH TWO PANES OF LOW-E GLASS  
AND ONE PANE OF CLEAR GLASS WITH  
ARGON GAS IN BOTH CHAMBERS

## Super Spacer®



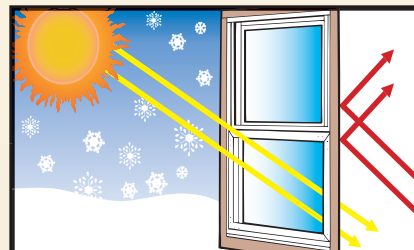
Warm edge technology is more than just a low-conductive product that makes windows more thermally efficient. The warm edge spacer is the actual seal that keeps the glass package in windows from failing. There are two types of insulating glass systems on the market today: single seal and dual seal systems. Single seal units are constructed of only one type of sealant, which is called upon to perform double duty. Not only must the sealant retard the infiltration of moisture vapor, but it must also hold the unit together under a wide variety of both high and low temperatures while withstanding the effects of high-humidity and ultraviolet exposure. A dual-sealed unit is constructed using a combination of a sealant which functions mainly as a high-strength adhesive and a second sealant, which is used primarily as a moisture vapor seal. Super Spacer is a dual seal insulating glass system. Super Spacer is a NO-Metal, structural foam insulating glass spacer that uses a high-strength acrylic adhesive for its silicone seal. Backed with a moisture vapor seal, Super Spacer Sealed Insulating Glass lasts five times longer in durability tests than single seal units.

### WARM WEATHER



*Low-E Glass filters long-waves radiation. This reduces heat gain in your home from the sun in the summer, keeping your home cooler.*

### COLD WEATHER



*Low-E Glass takes on a new duty in winter months. It lets warm solar rays into your home while blocking the heat in your home from getting out.*

# SINGLE HUNG WINDOW FEATURES

## MULTI CHAMBER DESIGN

– Multi chambered designs are stronger and more energy efficient. When the wind is howling outside, you can rest at ease knowing your ENERGY KING is protecting your home.

## 7/8" DUAL GLAZED

– insulating glass with Low E, argon gas and Super Spacer for the best R-Value in its class

## CAM LOCK AND KEEPER

– The cam lock is designed to draw the two meeting rails together to improve the resistance to blowing wind by keeping the weather stripping in contact with the adjacent sash.

## FULL INTERLOCK AT THE MEETING RAIL

– Integral interlocks mean the fingers that hold the bottom sashes together is extruded as part of the lock and keeper rails as opposed to having a snap on piece to convert one rail into many functions.

## BOTTOM SASH TILT IN

– Our Single Hung window comes with fully pivoting bottom sash that allow easy tilt in access to clean your window.

## HALF SCREEN

– removable from the inside

## SUPER SPACER

– The space age acrylic adhesive that bonds the spacer to the glass and mylar tape that keeps argon gas from escaping from the insulated unit makes Super Spacer a far superior system to all insulating glass systems on the market today. This warm edge technology reduces condensation problems seen in other window systems.

## INTEGRAL PREPUNCHED NAILIN FIN

– on all four sides

## 3 1/4" PVC FRAME DEPTH

## ARGON FILLED AIR SPACE

– The ENERGY KING insulated window is filled with argon gas and sealed in the airspace by a layer of mylar covered by a butyl sealant. The Super Spacer system of insulated glass is the most efficient way of insuring the gas remains trapped in the sealed insulating glass unit.

## RECESSED TILT LATCHES

– for tilting and cleaning ease

## INTEGRAL EXTRUDED LIFT HANDLES

– Experience has taught us that having the lift rail (or handle) as an integral part of the sash extrusion increases the strength of the window.

## OUTER LIGHT LOW-E COATED

– The LOW-E coating is located on the interior surface of the exterior piece of glass. This gives us the best thermal qualities both in reducing condensation and reflecting sunlight on hot summer days.

## FUSION WELDED CONSTRUCTION

– creates structural strength in sash and frame corners

## DESIGN FOR REPLACEMENT APPLICATION

– with 3 1/4" frame depth



# AN INVESTMENT IN YOUR HOME IS THE BEST VALUE FOR THE FUTURE

Our fusion welded frame and sash offer superior strength and prevents air and water entering your home. State of the art Super Spacer offers a lifetime of savings on energy costs and protection from condensation on your insulated glass. Many possibilities exist with our mulling system which allows easy joining of units for larger openings.

**J CHANNEL**  
allows for easier  
and faster siding  
installation.



**EXTERIOR  
BRICK  
MOULD**  
Vinyl Brick  
mould on all four  
sides – eliminates  
the maintenance  
of wood.



*Flat Or Contour Grids Between The Insulated Glass*

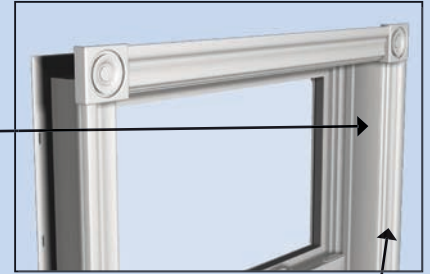


*Flat Grids*



*Contour Grids*

**VINYL  
EXTENSION  
JAMBS**  
The Interior Jamb  
Extensions  
are a perfect  
replacement for



wood – they can be specified for 2" x 4"  
or 2" x 6" construction – also available is a vinyl  
snap on 2 5/8" casing trim with corner rosettes.

MATCHING PRODUCTS FOR  
REPLACEMENT INSTALLATIONS OR  
NEW CONSTRUCTION INSTALLATION  
WITH INTEGRAL NAIL FIN

- CASEMENT WINDOWS
- AWNING WINDOWS
- TWO LIGHT SLIDERS
- THREE LIGHT SLIDERS
- PICTURE WINDOWS
- ARCHITECTURAL SHAPES

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