



THE *ThermalWeld*[®] COLLECTION
PREMIUM VINYL WINDOWS



Welded Frame & Sash Corners
strong, seamless performance

Integrated Extruded Pull Rails
are part of sash extrusions, not added later

Heavy Duty Cam-Style Locks & Keepers
secure and tight seal



brass finish available*



7/8" energySMART® Insulated Glass
see back cover

Sash Limit Locks limit travel of sash for secure partial opening



double hung



glider

Continuous Over / Under Interlock & Weather-Stripping
prevent air infiltration across entire meeting rail



*Aluminum Reinforced meeting rails



Strong, Extruded Aluminum Screen Frame
fiberglass mesh
Full screen* Aluminum mesh*

ThermalWeld® DOUBLE HUNG & GLIDER

comfort,
energy efficiency and
ease of ownership are built
into every POLARIS® product



GLIDERS - 2+3 LITE

Sash lift out from inside for easy cleaning
Sash glide easily on brass rollers
2 lite - half screen
3 lite - active panel screen[s]

POLARIS® VINYL

Tough Polaris vinyl extrusions are "ultra-welded" at every corner to create seamless and strong windows. Our vinyl maintains its color and smooth surface. Vinyl itself is not a thermal conductor.

DECORATIVE GLASS*

designs



colonial



prairie style



double prairie style



diamond n/a contour or brasses

internal muntin styles



flat



contour



antique brass



slim line brass

specialty glass ◊



view glass†



floral view glass†



elongated floral view glass†



obscure glass

Bronze or Gray tint available

◊ Interior of glass unit pane † 3/8" V-groove ground glass

*options



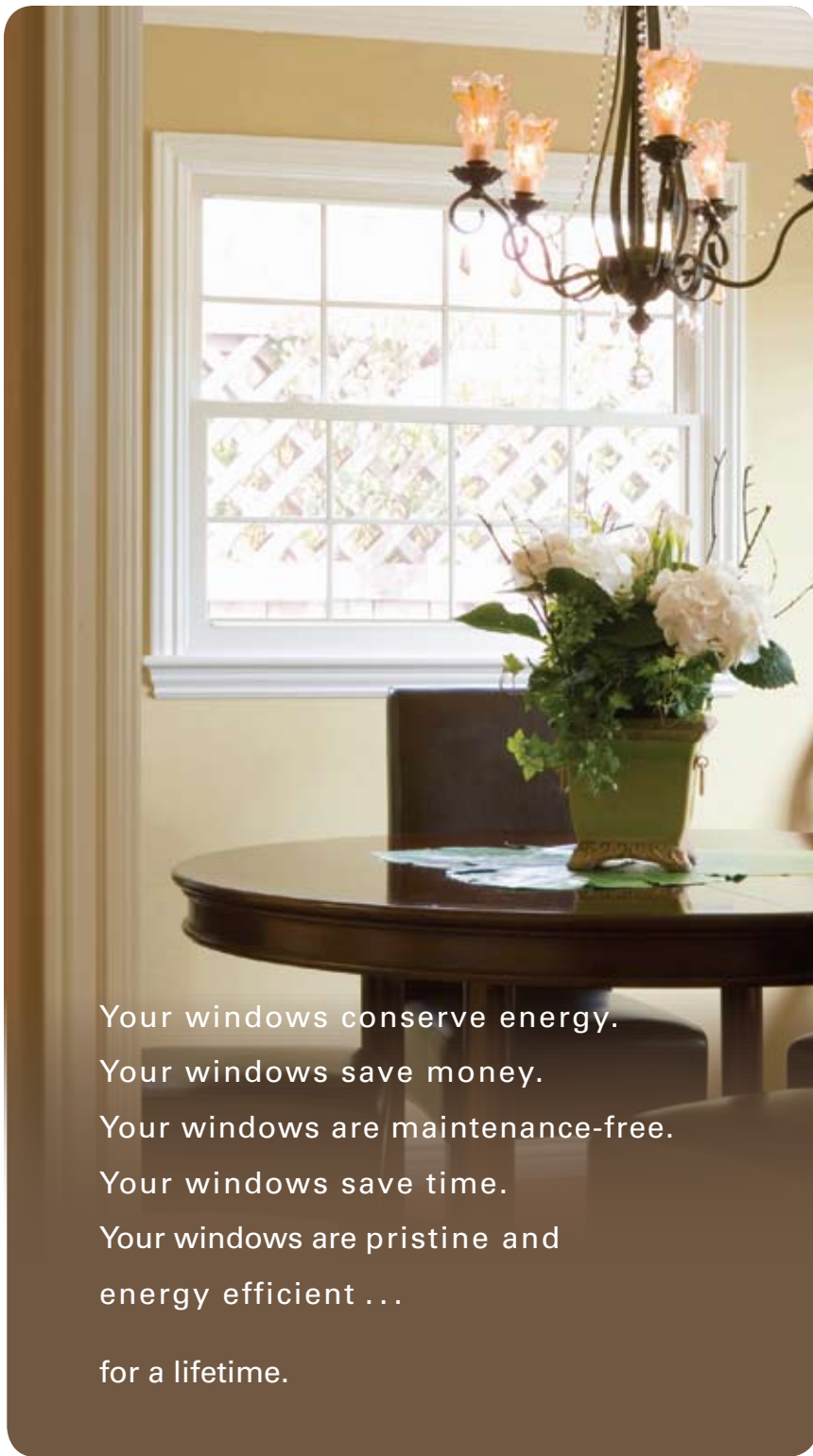
DOUBLE HUNG

1/2" True-Position® stainless steel balance system
Coil springs roll and unroll along sash for silent, easy operation and never slip.

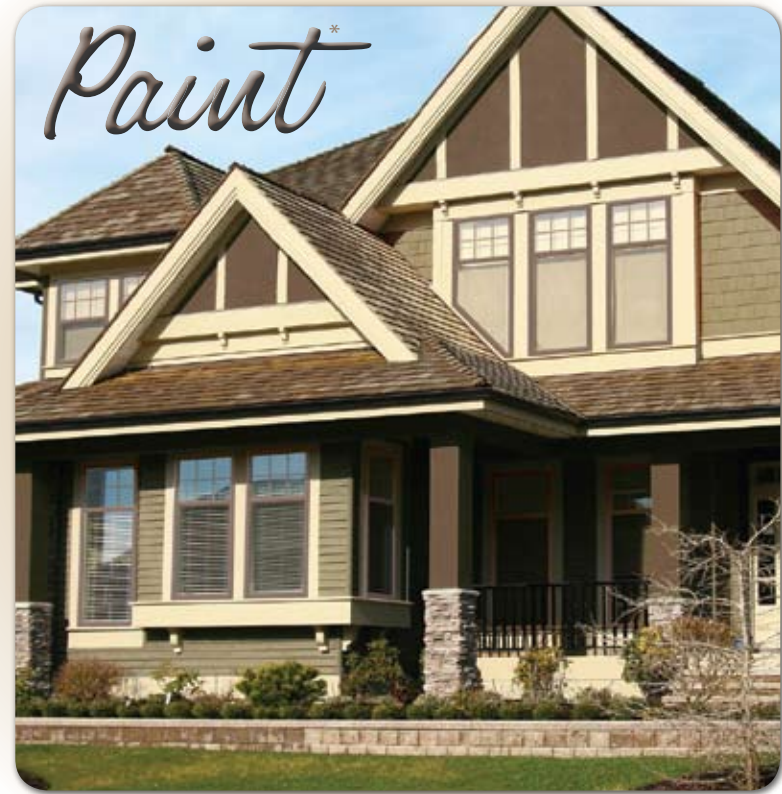
Recessed tilt latches allow both sash to tilt in completely for easy cleaning shown @ left with limit locks

True slopped sill for positive water drain off, no weep holes to clog

Half screen



Polaris®



20 YEAR WARRANTY against fading, peeling or blistering

Unique, high-performance exterior coating specially formulated for PVC
 Semi gloss finish • Color matched contour internal grids, caulk & cladding* ‡

Crack and impact resistant • Touch up paint included • Lead time 4-6 weeks

AAMA testing ensures that coating resists strong solvents, heat gain and thermal shock



Colors shown are reproduced by mechanical process and may vary from actual colors of product. Use actual color selectors. ‡ Cladding not exact match *Options



www.energystar.gov

U.S. Dept of Energy
www.energy.gov

ACCORDING TO THE U.S. DEPARTMENT OF ENERGY, windows could account for 10% to 25% of a home's energy bill. Using ENERGY STAR® windows manufactured with Low-E glass and argon gas to replace your clear glass single pane windows will **reduce energy consumption**.

As an ENERGY STAR partner, energy conservation guides our product design. Standard and optional features lower the cost of keeping your home comfortable.

Our R&D department is vigilant in updating designs and components. Rest assured that the products we offer feature the latest industry innovations.

LIFETIME LIMITED WARRANTY & SERVICE

We stand behind our products with an extensive network of factory trained technicians. Warranty is transferable. Ask about our glass breakage warranty.

ENERGY EFFICIENT GLASS

EnergySMART® glass is standard in every Polaris® window. These insulated glass (IG) units are panes of glass sealed onto the **Intercept®** U-shaped steel spacer. Together, the spacer and sealant block temperature transfer.



We also offer many high-performance energy SMART® upgrades. Low-E coating reduces ultra violet light damage and heat gain. Triple pane IG units have sound deadening properties. Argon or krypton gas fill between panes further reduces temperature transfer. All upgrades are ENERGY STAR qualified. Ask for an energySMART brochure.

Heat Mirror™ option

Low-E film is fixed between two glass panes.
Heat Mirror SC75 argon fills both air spaces
Heat Mirror SC75 S argon fills both air spaces + Low-E glass coating



ThermalWeld®

DOUBLE HUNG & GLIDER
www.polaristechnologies.com



Member
American Architectural
Manufactures Association
www.aamanet.org



Participant
National Fenestration
Rating Council
www.nfrc.org

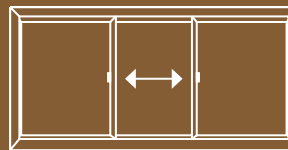
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National Accreditation
& Management Institute
www.namicertification.com



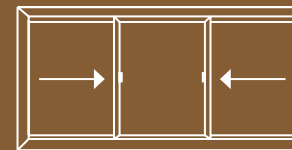
twin double hung



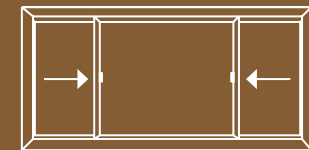
center picture window
double hung flankers



3 Lite Glider 1/3-1/3-1/3
center vent



3 Lite Glider 1/3-1/3-1/3
end vents



3 Lite Glider 1/4-1/2-1/4
end vents