

energySMART[®]

family of
high performance glass

Most of a window is glass.

The qualities of a window's glass indicate the qualities of the entire window.

Our windows feature only the best materials. They provide the long term reliability and thermal performance we require in every window.

The glass in a window is referred to as an Insulating Glass (IG) unit. Panes of glass are held together by a spacer. This creates an insulating air space between the panes.

We offer IG unit choices to block damaging ultra violet rays, block the cold and hold your warmth.

According to the U.S. Department of Energy windows could account for 10% to 25% of your energy bill. Using ENERGY STAR Windows manufactured with Low-E glass and argon gas to replace your single pane windows that have clear glass will reduce your energy consumption.



Participant
National Fenestration
Rating Council
www.nfrc.org

NAMI Certified
National Accreditation
& Management Institute
www.namicertification.com



Member
American Architectural
Manufacturer's Association
www.aamanet.org

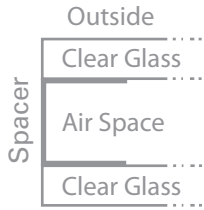


ENERGY STAR
PARTNER

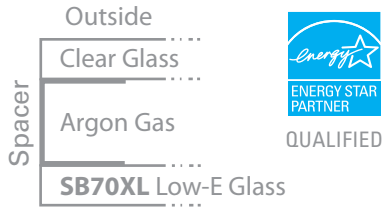
www.energystar.gov

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

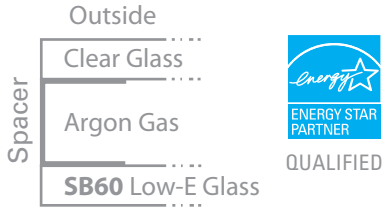
energySMART standard



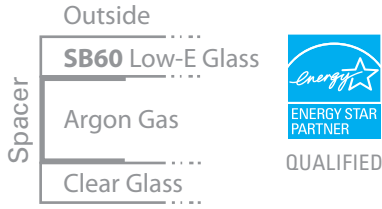
energySMART XL



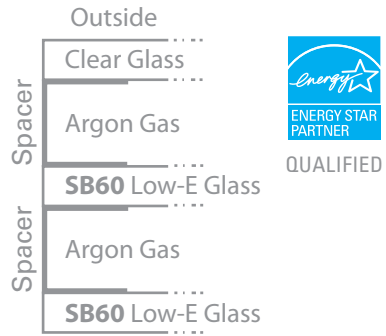
energySMART SUPREME



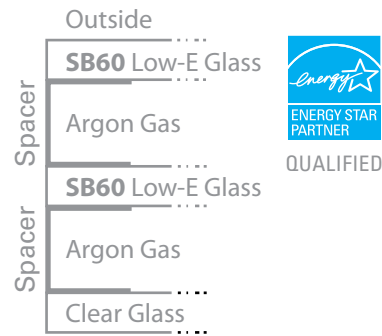
energySMART SUPREME²



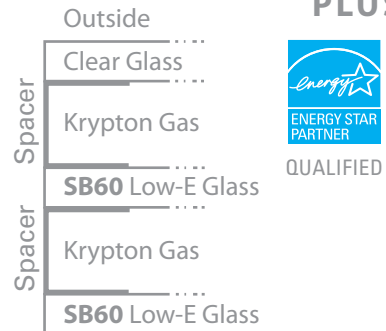
energySMART ULTIMATE



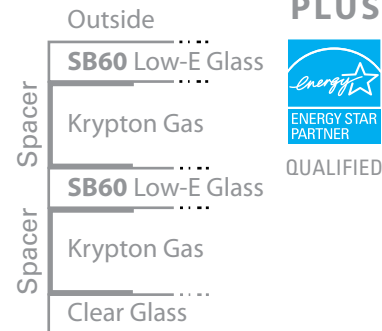
energySMART ULTIMATE²



energySMART ULTIMATE PLUS



energySMART ULTIMATE PLUS²



energySMART[®] family of high performance glass



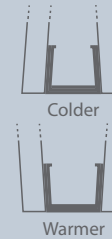
Intercept[®] Warm Edge Spacer

This system holds the glass together and creates a thermal barrier effecting the perimeter of the IG unit.

- Treated steel
- U-channel design
- One continuous piece is bent at corners
- Sealant is also a thermal barrier
- Desiccant removes moisture between panes

Benefits:

- Keeps room side of glass warmer
- Reduces drafts
- Greater resistance to condensation
- Reduces home heat loss
- Structurally strong
- Prevents sealant failure since spacer flexes with normal expansion and contraction of IG unit.



Argon or Krypton Gas Fill^{*}

Both are non-toxic, colorless gases. Argon and krypton reduce convection currents in the space between the glass.

Benefit:

- Reduces home heat loss

Low-E Coating^{*}

Low-emittance (Low-E) coating is a microscopically thin, virtually invisible metallic layer. EnergySMART[®] is "soft coat" low-e glass. It is most suited to climates with both heating and cooling concerns.

Benefits:

- Reduces solar heat gain
- Reduces ultra violet light damage
- Reduces home heat loss

Triple Glazing^{*}

Three panes of glass are joined by two sets of spacers per IG unit. Two separate air spaces can be filled with argon or krypton.

Benefits:

- Sound deadening properties
- Greater resistance to condensation
- Reduces home heat loss