Energy Guard by Thermo-Tech.

Super High-Performance R5-Plus Windows
Triple-pane options for Classic Series and Thermo-Fit®

Nothing can match the beauty and performance of the Energy Guard Triple-Pane Window.

Energy Guard Super High-Performance R5-Plus Windows from Thermo-Tech are the new standard for maximum energy savings, superior performance and beauty. High-quality materials, superb construction and triple-pane, argon filled glass combine to make these some of the most energy efficient windows available today.

With R-values from 5.3 to 6.3, Energy Guard Windows far exceed most commercially available R3.33 windows. That’s great for the pocketbook and the environment-reducing greenhouse gas emissions substantially through optimal insulation and less energy use.

But energy savings are only part of the story. Energy Guard Windows also provide maximum comfort all year long – in any climate. In the colder seasons the triple-pane windows create a barrier to cold air while allowing the warmth of the sun into your home. During the air-conditioning season, the sun’s rays are reflected and the cool air is contained in your home – not to mention the comfort of quiet. Energy Guard Windows provide excellent sound proofing from outside noise.

Energy Guard Windows are also helping to pave the path to Zero Energy Buildings and the Passive House Design that is popular in Europe and gaining popularity in the United States. The goal of these house designs is to decrease energy needs from 60% to 90%. Energy Guard Windows lead the way for performance, function and beauty.

Add beauty and value to your home.

Energy Guard windows are available in three exterior colors and five interior colors to match virtually any home style or color. Or combine standard options to create a truly custom window or patio door solution.

Available in Thermo-Tech’s Classic Series (standard sizes) and Thermo-Fit (custom sizes) casement, awning, fixed casement and direct-set picture windows and shapes.

Your satisfaction is reflected in everything we do.
ttwindows.com • 877-565-0159
Incredible R-Values of 5.3 or greater!
Solid construction and superior design is just where we start. Energy Guard Windows incorporate 3-layers of double-strength glass and two half-inch Argon filled insulating airspaces for an overall glass thickness of 1-3/8 inches – that’s nearly twice as thick as standard insulated glass. Add in the PVC vinyl multi-layered insulated frames and you’ve got energy efficiency and durability that simply can’t be matched by standard insulated windows.

100% virgin super-insulating polyvinylchloride
High-performance LoĒ™ 366 on two glass surfaces
Fusion-welded corners enhance strength and durability

Chambers create insulating air pockets for superb energy efficiency and stability

1/2-inch Argon-filled air spaces between frames for optimal insulation and sound proofing

The lower the U-Value and the higher the R-Value, the better the window is at reducing heat loss.

**Thermo-Tech® WARM-EDGE ADVANTAGE**
For the longest-lasting comfort and energy savings all Thermo-Tech insulated glass incorporates warm-edge spacer systems.

- For added insulating value and condensation resistance no other type of insulating (thermal) design brings you these combined advantages
- Patented U-shape construction extends window life
- Best Argon retention keeps insulating gas in windows
- Energy Guard exceeds the Energy Star® criteria
- Recessed below the sightline so all you ever see are beautiful windows

**ENERGY GUARD GLASS OPTIONS**
- LoĒ™ 272/Argon (standard) • LoĒ™ 366/Argon
- Tempered safety glass • Grey and bronze tint • Obscure

**WHY LoĒ™ 272 or LoĒ™ 366 GLASS?**
- Lowers energy costs = saving on heating bill
- Blocks 95% of harmful UV rays = reduced fading on carpet, furniture, etc
- Year round comfort = cooler in summer, warmer in winter
- Reduced condensation
- Average heat loss reduction compared to standard double-pane glass is 50%

**Energy Guard PLUS Triple Insulated Glass (ENERGY STAR Most Efficient)**
Triple insulated glass with high-performance LoĒ™ 272/Argon on two glass surfaces

**Energy Guard Triple Insulated Glass (ENERGY STAR Most Efficient)**
Triple insulated glass with high-performance LoĒ™ 366/Argon on two glass surfaces

**Energy Guard STRUCTURAL PERFORMANCE DATA**
The windows and doors described herein meet or exceed the AAMA/WDMA/CSA101/I.S.2/A440.

**Energy Guard**
by Thermo-Tech.

For samples of our quality American-made products, please visit your local Thermo-Tech dealer or call 1-877-565-0159 to find the dealer nearest you.
Visit us at www.ttwindows.com for more information.

1120 38th Avenue Northeast
Sauk Rapids, MN 56379
320-529-4012 • 1-877-565-0159
Fax: 320-529-4017 • 1-877-565-0160
info@thermo-techwindows.com
www.ttwindows.com