



**GUA**  
**LIMAGUARD®**



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**ENERGY EFFICIENCY:** The energy efficiency of a window is measured by its U-factor. The lower the U-factor, the better the window is at insulating your home. The U-factor of a window is determined by the materials used in the window and the number of panes. The U-factor of a double-pane window is typically between 0.25 and 0.35, while the U-factor of a triple-pane window is typically between 0.15 and 0.25. The U-factor of a window is also affected by the type of gas used in the space between the panes. Argon gas is a better insulator than air, and krypton gas is an even better insulator. The U-factor of a window is also affected by the type of frame used. Wood frames are a better insulator than metal frames.

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**SAFETY AND SECURITY:** Windows are a potential weak point in your home's security. Burglars can use windows to enter your home. Windows can also be a source of fire. Windows can be made more secure by using security film. Security film is a clear plastic film that is applied to the inside of the window. Security film can help to hold the glass in place if it is broken, preventing shards from falling out. Security film can also help to prevent fire from spreading through the window.

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**SOUND CONTROL:** Windows can be a source of noise. Noise can enter your home through windows. Windows can be made more soundproof by using soundproof curtains. Soundproof curtains are heavy curtains that are designed to absorb sound. Soundproof curtains can help to reduce the amount of noise that enters your home. Soundproof curtains can also help to reduce the amount of noise that leaves your home.

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**FADE AND UV PROTECTION** Windows can be a source of fading and UV damage. Fading and UV damage can occur when sunlight enters your home. Windows can be made more fade and UV resistant by using window treatments. Window treatments can help to block out sunlight and reduce the amount of fading and UV damage that occurs. Window treatments can also help to reduce the amount of heat that enters your home.

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**PRIVACY**

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# CLIMAGUARD® LOW-E GLASS PRODUCTS

<p><b>ClimaGuard 80/71</b></p> <p>80/71</p>	<p>Diagram showing a double-pane glass unit with a spacer and argon gas fill. The unit is labeled with '80/71' and 'Argon'.</p>
<p><b>ClimaGuard 72/57</b></p> <p>72/57</p>	<p>Diagram showing a double-pane glass unit with a spacer and argon gas fill. The unit is labeled with '72/57' and 'Argon'.</p>
<p><b>ClimaGuard 70/36</b></p> <p>70/36</p>	<p>Diagram showing a double-pane glass unit with a spacer and argon gas fill. The unit is labeled with '70/36' and 'Argon'.</p>
<p><b>ClimaGuard 62/27</b></p> <p>62/27</p>	<p>Diagram showing a double-pane glass unit with a spacer and argon gas fill. The unit is labeled with '62/27' and 'Argon'.</p>
<p><b>ClimaGuard 55/27</b></p> <p>55/27</p>	<p>Diagram showing a double-pane glass unit with a spacer and argon gas fill. The unit is labeled with '55/27' and 'Argon'.</p>
<p><b>ClimaGuard 53/23</b></p> <p>53/23</p>	<p>Diagram showing a double-pane glass unit with a spacer and argon gas fill. The unit is labeled with '53/23' and 'Argon'.</p>
<p><b>ClimaGuard IS-20</b> (<math>R_{\text{int}} = 0.10</math>)</p>	<p>Diagram showing a double-pane glass unit with a spacer and argon gas fill. The unit is labeled with 'IS-20' and 'Argon'.</p>

A person is seen from behind, holding a tablet computer. The background is a vast field of yellow flowers, likely rapeseed, under a soft, hazy sky at sunset or sunrise. The sun is low on the horizon, creating a warm, golden glow. The person's hands and the tablet are in the foreground, slightly out of focus. The overall scene conveys a sense of rural connectivity and modern technology in agriculture.

A CLEAR CHOICE  
OF BROAD SOLUTIONS

# CLIMAGUARD® LOW-E PERFORMANCE DATA

A wide range of performance for a wide range of climates.



Double-glazed insulating glass units are typical for most climates.

ClimaGuard IS-20 Interior Surface Coating to boost insulating capabilities.















