Low-E that allows the sun’s warmth into northern homes. Nothing feels better in cold winter weather than the sun’s warming rays through big, bright windows. Incorporating a passive solar heat concept, ClimaGuard 80/70 will provide a powerful level of insulation against harsh winters, while allowing warm sunshine into the home as a free and sustainable heat source.

When it’s sunny and cold outside, this glass keeps it sunny and warm inside
ClimaGuard 80/70 Low-E glass from Guardian is specifically designed to retain indoor heat and maximize solar heat gain in northern climate zones. With a U-factor of 0.271 in an argon-filled double-glazed unit, ClimaGuard 80/70 minimizes heat loss through windows and helps maintain warmer room-side glass temperatures.

Coupled with a low U-factor, 80/70 offers the highest light transmission of all ClimaGuard glass and a solar heat gain coefficient of 0.699. The light and heat combine to brighten and warm a home naturally, resulting in greater comfort and lower energy bills.

Single product solution - lower operating costs
ClimaGuard 80/70 is available in both an annealed form and an AT (annealed and temperable) form, which allows the glass to be used annealed or tempered for applications that require more strength. For window manufacturers, 80/70 AT represents a “single product solution” for easy inventory management and lower operation costs.