

## ULTRAFLECT R-5 PERFORMANCE:

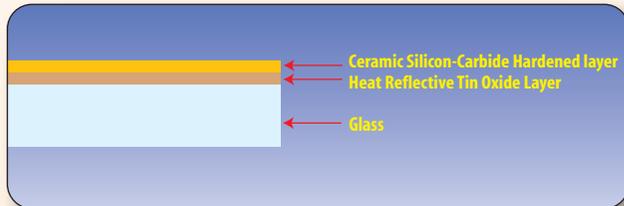
Traditional LowE glass has 1 coating on 1 glass surface. **UltraFlect** combines 2 different High Tech coatings with one coating on each piece of glass, and then aligns the coatings to maximize thermal performance and heat reflectivity.

### Outer Glass: High Performance multi-layered "Soft" coating:



On the glass facing the outside of your home, **UltraFlect** places a coating that is State of the Art in reflecting damaging UltraViolet and heat-carrying infrared rays from the sun

### Inner Glass: High Tech "Hard" Coating



On the glass facing the inside of your home, **UltraFlect** places a coating that is State of the Art in reflecting heat energy from your furnace. This Hard Coat reflective surface is harder and more durable than glass itself.

# UltraFlect

## Choosing windows?

Unlike traditional LowE glass, that has 1 coating on 1 glass surface, **UltraFlect** uses an unparalleled combination of 2 different High Tech reflective coatings with one coating on each piece of glass.

**UltraFlect** represents the most dramatic advance in window glass technology in more than 10 years.

Only **UltraFlect** breakthrough technology provides the R-5 performance of triple pane glass with the durability and appearance of dual pane glass.

**Slocomb**  
WINDOWS AND DOORS, INC.  
Manufacturers of Quality Replacement Products



A Member of the Earthwise Group



[www.slocombwindows.com](http://www.slocombwindows.com)

Authorized Distributor:

# UltraFlect



## R-5 GLASS TECHNOLOGY

# ULTRA FLECT HEAT REFLECTIVE INSULATING GLASS SYSTEM... THE ULTIMATE IN PERFORMANCE

## Achieving A Center of Glass R-Value of 5.00

Only **UltraFlect** combines proven technologies in high tech glass coatings, spacer systems, and gas filling to produce the most thermally efficient heat reflective and durable insulated glass package:

3 layers of Silver Oxide (11 total layers) Protected inside the dry air space. Specially formulated and positioned to best reflect sun's rays outside.

1 ceramic layer of Tin Oxide permanently bonded into the glass surface. Specially formulated and positioned to best reflect heat energy from your furnace inside.

**Keeps Summer Heat Outside**

**Keeps Winter Heat Inside**

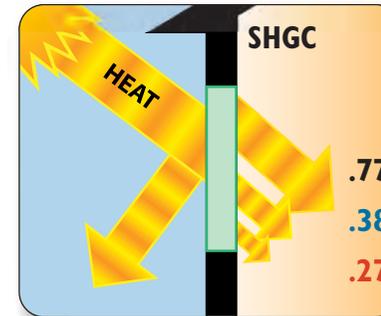


Argon Gas fill provides an insulation barrier.

**FURNACE**

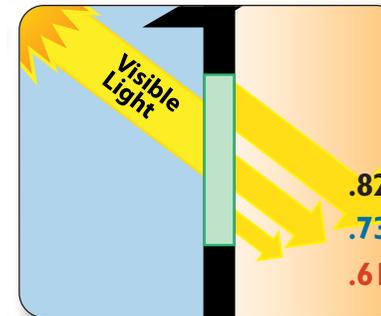
Duralite® warm edge spacer system seals glass unit and insulates the edge.

### ULTRAFLECT R-5 PERFORMANCE



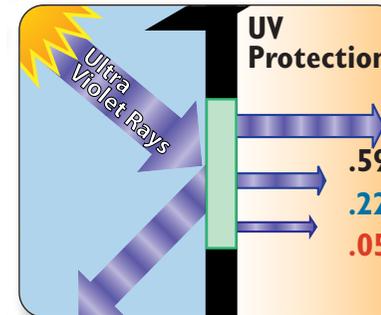
**Cooler In The Summer**  
UltraFlect is 41% more efficient in reflecting solar energy than LowE with argon. This means lower cost to air condition your home.

Clear Glass = .77  
Low-E with Argon = .38  
**UltraFlect = .27**



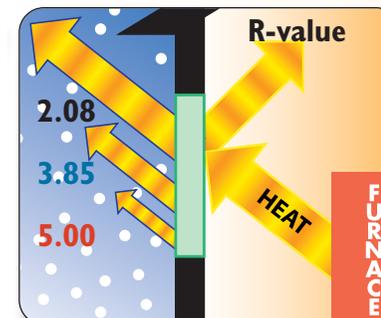
**Transmits Visible Light**  
UltraFlect provides an exterior appearance similar to clear glass and controls glare in bright, sunny climates.

Clear Glass = .82  
Low-E with Argon = .73  
**UltraFlect = .61**



**Reduces Ultra Violet Energy**  
UltraFlect reduces fabric-fading UV energy more effectively than clear insulating glass or Low-E.

Clear Glass = .59  
Low-E with Argon = .22  
**UltraFlect = .05**



**Warmer In The Winter**  
UltraFlect provides an R-value 30% higher than LowE with argon. This means higher performance, reduced furnace heat loss, and reduced heating energy costs.

Clear Glass = 2.08  
Low-E with Argon = 3.85  
**UltraFlect = 5.00**