

The NEW Comfort Select™ family of residential low-emissivity coated glass products is part of the AGC global technology platform, backed by a history of real world applications. Selecting the right glass can be overwhelming at times, so AGC has made it simple and straightforward for our customers to choose the best performing product for each climate region. Whether you need passive solar and lower U-values in northern climates, or low solar heat gain in southern climates; AGC has the right product for you. Keeping homes throughout North America comfortable and energy efficient: That's AGC. Beyond Glass.

### Comfort Select™ 73 ■

Comfort Select 73 is a durable hard-coated low-emissivity glass that provides passive solar gain resulting in year-round cost savings. Designed for use on the #3 surface, Comfort Select 73 offers a U-value of 0.29 and solar heat gain coefficient (SHGC) of 0.72 maximizing energy efficiency in the colder Northern region climates, where heating is dominant and the greatest energy concern.

### Comfort Select™ 63 ■

Comfort Select 63 is a neutral soft-coated low-e glass that provides thermal insulation and captures passive solar energy in cooler climates. With a U-value of 0.26, SHGC of 0.61 and 79% VLT, Comfort Select 63 allows free solar heat gain during winter months, while also retaining radiant energy within the interior of the home for added comfort in Northern and North-Central regions.

### Comfort Select™ R42 ■ ■ ■

Comfort Select R42 is a neutral reflective soft-coated low-e glass designed to block solar energy providing a 0.25 U-value, 0.43 SHGC and 65% VLT. The lower solar heat gain coefficient makes Comfort Select R42 ideal for air-conditioned environments, particularly the South-Central and Southern regions.

### Comfort Select™ 40 ■ ■ ■

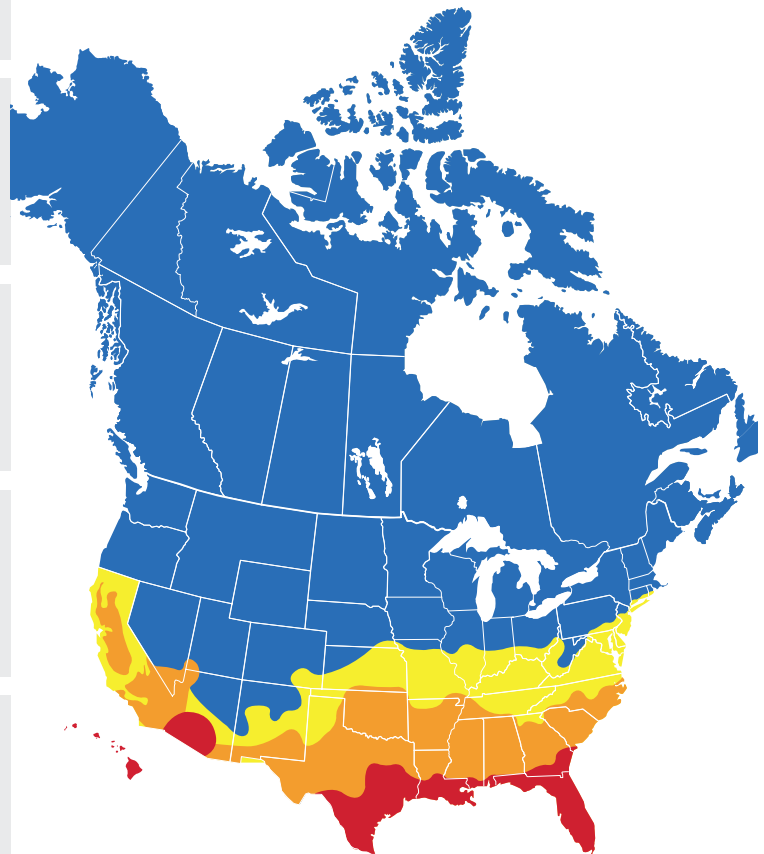
Comfort Select 40 is a soft-coated low-e glass providing solar heat control in moderate to hot climates of the North-Central and South-Central regions. Comfort Select 40 delivers a 0.25 U-value, 0.39 SHGC and 72% VLT. The neutral appearance and high level of natural light transmitted makes Comfort Select the ideal solution for homes where heating and cooling requirements vary throughout the year.

### Comfort Select™ 36 ■ ■ ■

Comfort Select 36 is a soft-coated low-e glass providing a higher level of solar heat control in hotter climate regions. With a 0.25 U-value, 0.36 SHGC and 66% VLT, Comfort Select 36 improves energy efficiency and keeps interior temperatures comfortable in the North-Central and South-Central regions.

### Comfort Select™ 28 ■ ■ ■ ■

Comfort Select 28 is a triple silver soft-coated low-e glass for maximum solar control performance in the hottest climates of the Southern region. The 0.28 SHGC, 0.24 U-value and 62% VLT provides impressive solar blocking, while providing aesthetic appeal with its high level of light transmission and neutral color. Comfort Select 28 is ideal for meeting the energy code requirements in climates that are cooling dominate.



- Northern (mostly heating)
- North-Central (heating and cooling)
- South-Central (heating and cooling)
- Southern (mostly cooling)



ENERGY STAR® criteria is set to change, but with AGC you can be assured that you already have access to the right solutions and most efficient products to meet the Energy Star requirements — for all regions.

ENERGY STAR® is a joint program run by the U.S. Environmental Protection Agency and the U.S. Department of Energy. By choosing AGC glass, you can be sure you're getting the best industry technology available.



AGC GLASS COMPANY NORTH AMERICA

[us.agc.com](http://us.agc.com)

P: 888.234.8380

[info@us.agc.com](mailto:info@us.agc.com)



# COMFORT SELECT™

## RESIDENTIAL LOW-E INSULATING GLASS PERFORMANCE COMPARISON



COMFORT SELECT™ 3/4"(19mm) Dual Insulating Units - 1/8"(3mm) | 1/2"(13mm) | 1/8"(3mm)

Product	Winter U-Value		SHGC	Transmittance			LSG	DW Index
	Air	Argon		Visible	Solar	UV		
Clear   Comfort Select 73 #3	0.33	0.29	0.72	74%	58%	43%	1.03	0.63
Clear   Comfort Select 63 #3	0.31	0.26	0.61	79%	52%	38%	1.30	0.67
Comfort Select 40 #2   Clear	0.29	0.25	0.39	72%	36%	19%	1.85	0.56
Comfort Select 36 #2   Clear	0.29	0.25	0.36	66%	33%	15%	1.82	0.50
Comfort Select 28 #2   Clear	0.29	0.24	0.28	62%	25%	14%	2.22	0.45
Comfort Select R42 #2   Clear	0.30	0.25	0.43	65%	39%	24%	1.50	0.50

COMFORT SELECT™ 3/4"(19mm)with U4 Technology #4 Surface Low-E Dual Insulating Units - 1/8"(3mm) | 1/2"(13mm) | 1/8"(3mm)

Product	Winter U-Value		SHGC	Transmittance			LSG	DW Index
	Air	Argon		Visible	Solar	UV		
Comfort Select 73 #2   U4	0.26	0.23	0.60	67%	52%	33%	1.12	0.55
Comfort Select 63 #2   U4	0.24	0.21	0.54	72%	47%	29%	1.34	0.58
Comfort Select 40 #2   U4	0.23	0.20	0.37	66%	32%	14%	1.78	0.48
Comfort Select 36 #2   U4	0.23	0.20	0.34	60%	30%	12%	1.75	0.44
Comfort Select 28 #2   U4	0.23	0.20	0.26	56%	23%	10%	2.14	0.39
Comfort Select R42 #2   U4	0.24	0.20	0.41	59%	36%	19%	1.45	0.43

U4 indicates Comfort Select 73 #4 surface on the inboard lite, in addition to the #2 surface coating designated on the outboard lite.

COMFORT SELECT™ 1-1/4"(32mm) Triple Insulating Units - 1/8"(3mm) | 7/16"(11mm) | 1/8"(3mm) | 7/16"(11mm) | 1/8"(3mm)

Product	Winter U-Value		SHGC	Transmittance			LSG	DW Index
	Air	Argon		Visible	Solar	UV		
Comfort Select 73 #2   Clear   Clear	0.25	0.21	0.59	68%	50%	35%	1.15	0.57
Comfort Select 73 #2   Clear   Comfort Select 73 #5	0.20	0.16	0.56	62%	44%	27%	1.10	0.49
Comfort Select 63 #2   Clear   Clear	0.23	0.20	0.52	72%	45%	32%	1.37	0.60
Comfort Select 63 #2   Clear   Comfort Select 63 #5	0.18	0.14	0.49	70%	40%	23%	1.43	0.56
Comfort Select 40 #2   Clear   Clear	0.23	0.19	0.36	66%	32%	16%	1.82	0.50
Comfort Select 40 #2   Clear   Comfort Select 63 #5	0.18	0.14	0.35	64%	30%	12%	1.80	0.47
Comfort Select 36 #2   Clear   Clear	0.23	0.19	0.34	60%	29%	13%	1.77	0.45
Comfort Select 36 #2   Clear   Comfort Select 63 #5	0.18	0.14	0.33	58%	27%	9%	1.76	0.43
Comfort Select 28 #2   Clear   Clear	0.23	0.19	0.26	56%	23%	12%	2.18	0.41
Comfort Select 28 #2   Clear   Comfort Select 63 #5	0.17	0.14	0.26	55%	22%	9%	2.13	0.38
Comfort Select R42 #2   Clear   Clear	0.23	0.19	0.40	60%	34%	20%	1.48	0.45
Comfort Select R42 #2   Clear   Comfort Select 63 #5	0.18	0.14	0.38	58%	31%	15%	1.52	0.42

Performance values are based on representative production samples and product modeling data using LBNL Window 6.3 Software. Actual values may differ due to variations in the manufacturing process. Calculations based on generic clear. Environmental conditions based on NFRC 100-2010.

Thermal stress analysis or building codes may determine the requirement for heat-treated glass. Contact AGC Technical Services at 888-234-8380 to ensure the correct form of glass to be supplied.

Damage Weight Index [Tdw-ISO] is a comprehensive measure of UV and visible parts of the solar spectrum from 300 to 700 nanometers, and a more accurate measure of fading potential.

Argon data based on 10% air and 90% argon. To obtain additional performance data use the AGC Glass Calculator [us.agc.com/glass-calculator](http://us.agc.com/glass-calculator).



### How does U4 work?

AGC U4 technology incorporates a low-e coating on the #2 surface of the exterior pane, in combination with a low-e coating on the #4 surface of the interior pane, increasing the performance of your dual-insulated window. Visit [www.U4glass.com](http://www.U4glass.com) to learn more.



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Reference #022713

[us.agc.com](http://us.agc.com)  
P: 888.234.8380  
[info@us.agc.com](mailto:info@us.agc.com)

