

Thermal Performance Ratings* - NFRC Certified (Page 1 of 2)

Please Note: For the most recent version of this document go to www.cascadewindows.com/products.

	Glass = Clear	Glass = Ec Thermal Spacer = Intercept	Glass = Ec Thermal Spacer = Intercept w/ Argon Gas	Glass = Ec Thermal Spacer = SuperSpacer	Glass = Ec Thermal Spacer = SuperSpacer w/ Argon Gas	Glass = Ec+ Thermal Spacer = Intercept	Glass = Ec+ Thermal Spacer = Intercept w/ Argon Gas	Glass = Ec+ Thermal Spacer = SuperSpacer	Glass = Ec+ Thermal Spacer = SuperSpacer w/ Argon Gas
WinPro Series									
Picture									
U-Values	.47	.32	.28	.31	.26	.31	.27	.30	.26
SHGC	.70	.35	.35	.35	.35	.25	.25	.25	.25
Slider									
U-Values	.49	.34	.30	.33	.29	.34	.30	.32	.28
SHGC	.64	.32	.32	.32	.32	.23	.22	.23	.22
Single Hung									
U-Values	.49	.34	.30	.33	.29	.34	.30	.32	.28
SHGC	.64	.32	.32	.32	.32	.23	.22	.23	.22
Sliding Glass Door									
U-Values	.48	.34	.30	.33	.29	.33	.29	.32	.28
SHGC	.63	.33	.32	.33	.32	.23	.23	.23	.23
Empire Series									
Picture									
U-Values	.47	.32	.28	.31	.26	.31	.27	.30	.26
SHGC	.70	.35	.35	.35	.35	.25	.25	.25	.25
Slider									
U-Values	.49	.35	.31	.33	.29	.34	.31	.32	.28
SHGC	.64	.32	.32	.32	.32	.23	.22	.23	.22
Single Hung									
U-Values	.49	.35	.31	.33	.29	.34	.31	.32	.28
SHGC	.64	.32	.32	.32	.32	.23	.22	.23	.22
Cascade Series									
Picture									
U-Values	.45	.31	.27	.30	.26	.31	.27	.30	.26
SHGC	.64	.32	.32	.32	.32	.23	.22	.23	.22
Slider									
U-Values	.49	.35	.32	.33	.30	.35	.31	.33	.30
SHGC	.59	.30	.30	.30	.30	.21	.21	.21	.21
Single Hung									
U-Values	.48	.35	.32	.34	.30	.35	.31	.33	.30
SHGC	.59	.30	.30	.30	.30	.21	.21	.21	.21

Revised 11/11/2011

* These values are subject to change without notice, based on testing and certification cycles. All Cascade Windows products may be ordered to meet or exceed Energy Star requirements. Please visit www.energystar.gov to view specific US climate zone requirements. SHGC values are shown with no internal dividers (aka grids or muntins). Values shown are with standard reinforcement configurations.



Thermal Performance Ratings* - NFRC Certified (Page 2 of 2)

Please Note: For the most recent version of this document go to www.cascadewindows.com/products.

	Glass = Clear	Glass = Ec Thermal Spacer = Intercept	Glass = Ec Thermal Spacer = Intercept w/ Argon Gas	Glass = Ec Thermal Spacer = SuperSpacer	Glass = Ec Thermal Spacer = SuperSpacer w/ Argon Gas	Glass = Ec+ Thermal Spacer = Intercept	Glass = Ec+ Thermal Spacer = Intercept w/ Argon Gas	Glass = Ec+ Thermal Spacer = SuperSpacer	Glass = Ec+ Thermal Spacer = SuperSpacer w/ Argon Gas
Cascade Series (Continued)									
Casement									
U-Values	.42	.30	.28	.29	.26	.30	.27	.29	.26
SHGC	.52	.26	.26	.26	.26	.19	.19	.19	.19
Awning									
U-Values	.42	.30	.27	.29	.26	.30	.27	.29	.26
SHGC	.52	.26	.26	.26	.26	.19	.19	.19	.19
Sliding Glass Door									
U-Values	.48	.34	.30	.33	.29	.33	.29	.32	.28
SHGC	.63	.33	.32	.33	.32	.23	.23	.23	.23
ThermalPro Series									
Picture									
U-Values	N/A	N/A	N/A	.30	.26	N/A	N/A	.30	.26
SHGC	N/A	N/A	N/A	.35	.35	N/A	N/A	.25	.25
Slider									
U-Values	N/A	N/A	N/A	.32	.29	N/A	N/A	.32	.28
SHGC	N/A	N/A	N/A	.32	.32	N/A	N/A	.23	.22
Single Hung									
U-Values	N/A	N/A	N/A	.32	.29	N/A	N/A	.32	.28
SHGC	N/A	N/A	N/A	.32	.32	N/A	N/A	.23	.22
LbL Series									
Picture (8000 Frame)									
U-Values	N/A	N/A	N/A	.27	N/A	N/A	N/A	N/A	.27
SHGC	N/A	N/A	N/A	.33	N/A	N/A	N/A	N/A	.22
Double Slider (8000 Frame)									
U-Values	N/A	N/A	N/A	.30	N/A	N/A	N/A	N/A	.30
SHGC	N/A	N/A	N/A	.31	N/A	N/A	N/A	N/A	.20
Double Hung (8000 Frame)									
U-Values	N/A	N/A	N/A	.30	N/A	N/A	N/A	N/A	.30
SHGC	N/A	N/A	N/A	.30	N/A	N/A	N/A	N/A	.20
Sliding Glass Door (SGD 5000 Frame)									
U-Values	N/A	N/A	N/A	.29	N/A	N/A	N/A	N/A	.29
SHGC	N/A	N/A	N/A	.34	N/A	N/A	N/A	N/A	.22

Revised 11/11/2011

* These values are subject to change without notice, based on testing and certification cycles. All Cascade Windows products may be ordered to meet or exceed Energy Star requirements. Please visit www.energystar.gov to view specific US climate zone requirements. SHGC values are shown with no internal dividers (aka grids or muntins). Values shown are with standard reinforcement configurations.

