



COMPARE

When Window Shopping

Crystal® ENERGYSTAR® windows can save you up to 15% off your current energy bill.

Series CVD-200

		U-Value	SHGC	VT	Energy Star Region	NFRC Label
Air, Low E (e=0.204) Hard Coating						
	Residential	0.38	0.52	0.54	Central	
	Non-Residential	0.38	0.52	0.56	Central	
Argon, Low E (e=0.047) Soft Coating						
	Residential	0.31	0.36	0.51	Northern, Central, Southern	X
	Non-Residential	0.30	0.37	0.53	Northern, Central, Southern	X
Argon, Low E (e=0.204) Hard Coating						
	Residential	0.35	0.52	0.54	Northern, Central	X
	Non-Residential	0.35	0.52	0.56	Northern, Central	X

Series CVP-210

		U-Value	SHGC	VT	Energy Star Region	NFRC Label
Air, Low E (e=0.204) Hard Coating						
	Residential	0.36	0.53	0.56	Central	
	Non-Residential	0.36	0.53	0.57	Central	
Argon, Low E (e=0.047) Soft Coating						
	Residential	0.28	0.36	0.54	Northern, Central, Southern	
	Non-Residential	0.28	0.37	0.54	Northern, Central, Southern	
Argon, Low E (e=0.204) Hard Coating						
	Residential	0.33	0.52	0.56	Northern, Central	
	Non-Residential	0.33	0.52	0.57	Northern, Central	

Series CVS-220

		U-Value	SHGC	VT	Energy Star Region	NFRC Label
Air, Low E (e=0.204) Hard Coating						
	Residential	0.36	0.5	0.52	Central	
	Non-Residential	0.36	0.51	0.55	Central	
Argon, Low E (e=0.047) Soft Coating						
	Residential	0.38	0.35	0.5	Northern, Central, Southern	
	Non-Residential	0.37	0.36	0.52	Northern, Central, Southern	
Argon, Low E (e=0.204) Hard Coating						
	Residential	0.31	0.5	0.52	Northern, Central	
	Non-Residential	0.3	0.51	0.55	Northern, Central	

Why are CRYSTAL® ENERGY STAR® WINDOWS better than standard air filled windows?

The National Fenestration Council (NFRC) rates the performance of windows on how well they keep your home cool in the summer, and warm in the winter, keep out wind, and resist condensation.

U-Factor: Measures how well a product prevents heat from escaping. The lower the U-Value, the greater insulating performance.

R-Value: Measures insulating value of window, and is the inverse of the U-Value.

VT Visual Transmittance: Measures how much light comes through a window. High VT allows for greater SHGC solar heat gain.

SHGC Solar Heat Gain Coefficient: Measures how well a window blocks heat caused by sunlight. The lower SHGC value, less solar heat transmitted.*

CRYSTAL® ENERGY STAR® CONSUMER TIP*:

For Spring & Summer:

Casement: By adding full screen, you can reduce SHGC by 50%.
 Double Hung: By adding full screen, you can reduce SHGC by 50%.
 Double Hung: By adding half screen, you can reduce SHGC by 25%.
 Reducing SHGC will reduce your HVAC cooling energy bills!

For Winter:

Casement: By removing full screen, SHGC value is referenced above.
 Double Hung: By removing full screen, SHGC value is referenced above.
 Double Hung: By removing half screen, SHGC value is referenced above.
 Increasing your SHGC will reduce your HVAC heating energy bills!



COMPARE

When Window Shopping

Crystal® ENERGYSTAR® windows can save you up to 15% off your current energy bill.

Series CVC-230

		U-Value	SHGC	VT	Energy Star Region	NFRC Label
Air, Low E (e=0.204) Hard Coating	Residential	0.34	0.46	0.48	Northern, Central	
	Non-Residential	0.35	0.48	0.51	Northern, Central	

		U-Value	SHGC	VT	Energy Star Region	NFRC Label
Argon, Low E (e=0.047) Soft Coating	Residential	0.28	0.32	0.46	Northern, Central, Southern	
	Non-Residential	0.28	0.34	0.49	Northern, Central, Southern	

		U-Value	SHGC	VT	Energy Star Region	NFRC Label
Argon, Low E (e=0.204) Hard Coating	Residential	0.32	0.46	0.48	Northern, Central	
	Non-Residential	0.32	0.48	0.51	Northern, Central	

Series CVS-300

		U-Value	SHGC	VT	Energy Star Region	NFRC Label
Air, Low E (e=0.204) Hard Coating	Residential	0.35	0.48	0.57	Northern, Central	X
	Non-Residential	0.34	0.47	0.59	Northern, Central	X

Series CVP-310

		U-Value	SHGC	VT	Energy Star Region	NFRC Label
Air, Low E (e=0.047) Soft Coating	Residential	0.35	0.48	0.57	Northern, Central, Southern	
	Non-Residential	0.34	0.47	0.59	Northern, Central, Southern	

Series CVS-320

		U-Value	SHGC	VT	Energy Star Region	NFRC Label
Air, Low E (e=0.204) Hard Coating	Residential	0.40	0.53	0.55	Central	
	Non-Residential	0.39	0.53	0.57	Central	

		U-Value	SHGC	VT	Energy Star Region	NFRC Label
Argon, Low E (e=0.047) Soft Coating	Residential	0.32	0.37	0.52	Northern, Central, Southern	X
	Non-Residential	0.31	0.37	0.54	Northern, Central, Southern	X

		U-Value	SHGC	VT	Energy Star Region	NFRC Label
Argon, Low E (e=0.204) Hard Coating	Residential	0.35	0.52	0.54	Central	X
	Non-Residential	0.35	0.52	0.56	Central	X

Series CVD-400

		U-Value	SHGC	VT	Energy Star Region	NFRC Label
Air, Low E (e=0.047) Soft Coating	Residential	0.37	0.53	0.55	Central	
	Non-Residential	0.36	0.53	0.57	Central	

		U-Value	SHGC	VT	Energy Star Region	NFRC Label
Argon, Low E (e=0.204) Hard Coating	Residential	0.37	0.54	0.56	Central	X
	Non-Residential	0.36	0.54	0.58	Central	X