



PRODUCT ENERGY DATA

Thermal Efficiency: Security: Performance: Durability

ENERGY STAR RATINGS		NFRC TEST		
Description	Notes	Triple glass w/ 2 low-e/trigon	Double Pane Low-e/argon	Energy Star NAMI
U-Value Overall Window	Lower is better	0.14	0.24	0.35
SHGC Solar Heat Gain Coefficient	Lower is better	0.26	0.30	Exceeds Requirements
VT Visible Transmittance	Exceeds Standards	0.43	0.55	60% is standard
Thermal & Structural Results				
Operating Force	Lower is better	NA	NA	40 allowable
Design Pressure	Residential	2400 Pa (50 psf)	2400 Pa (50 psf)	15 psf Minimum
Water Penetration	Pass/Fail	Pass	Pass	Pass
Air Infiltration	Lower is better	.20 LSM (.04 cfm/ft)	.20 LSM (.04 cfm/ft)	.30 allowable
Uniform Load structure	Held for 10 sec	Pass	Pass	Pass
Forced Entry Resistance	10 is best	10	10	6 allowable
Insulated Glass Pack 1"				
U-Value (summer)	Lower is better	0.13	0.17	Sealed Glass Pack
R-Value	Higher is better	7.69	5.88	

* Validated by 1010 physical test

MODEL #: **1040 & 1045 Casement Picture Window**

REVISION DATE: **8/27/12**