



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	0.15	0.24	0.35
SHGC Solar Heat Gain Coefficient	Lower is better	0.22	0.26	Exceeds Requirements
VT Visible Transmittance	Exceeds Standards	0.37	0.37	60% is standard
Thermal & Structural Results				
Operating Force	Lower is better	44N (10 lbf)	44N (10 lbf)	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	

MODEL #:	1010 & 1015 Casement
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REVISION DATE:	8/27/12
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