



## 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
<b>U-Value</b> Overall Window	Lower is better	0.17	0.26	0.35
<b>SHGC</b> Solar Heat Gain Coefficient	Lower is better	0.24	0.28	Exceeds Requirements
<b>VT</b> Visible Transmittance	Exceeds Standards	0.40	0.51	60% is standard
Thermal & Structural Results				
Operating Force	Lower is better	15 lbs	15 lbs	40 allowable
Design Pressure	Residential	1920 Pa (40.0 psf)	1920 Pa (40.0 psf)	15 psf Minimum
Water Penetration	Pass/Fail	330 Pa (6.75 psf)	330 Pa (6.75 psf)	Pass
Air Infiltration	Lower is better	.05 L/s/m (.01 cfm/ft)	.05 L/s/m (.01 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	

<b>MODEL #:</b>	<b>1090 &amp; 1095 Double Hung</b>
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<b>REVISION DATE:</b>	<b>8/27/12</b>
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