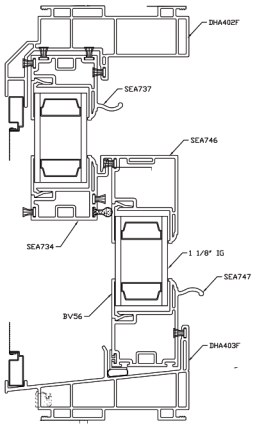
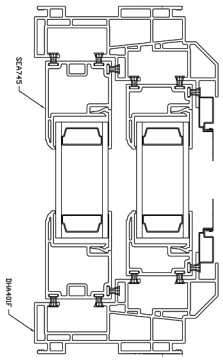
VINYL REPLACEMENT WINDOWS

Newton

The Smart Idea Window

Vinylmax WINDOWS





4800
Double Hung

Size Limits

	Width	Height	UI*
Minimum	20"	23 ¾"	38
Maximum	52"	104	132

MAXIMUM TRIPLE PANE SIZE 50"width x 80" height
*United Inches = Width + Height

Performance

Thermal Performance NFRC

(no grids)	U-value	SHGC	VT	CR
IntelliGlass 7138 LE/Argon	.28	.37	.54	58
IntelliGlass X 6331 Solar LE/Argon	.28	.24	.48	58
IntelliGlass Plus Triple LE/Argon	.20	.26	.43	67
IntelliGlass Supreme Triple LE/Krypton	.18	.26	.43	67

Structural Performance (40" X 63" no reinforcement)

Air Infiltration@ 25 MPH	.09 cfm/ft²
Water Penetration	7.5 PSF
Design Pressure	50 PSF
Equivalent Wind	175 MPH

STRUCTURAL RATING: R-PG50

Product Features

- 3 ¼" Frame with beveled exterior
- Maintenance-free multi-chambered fusion welded vinyl
- EdiSeal™ triple protection integral interlock with compression seal and weatherstripping
- Dual function partitioned Sloped Sill
- NeoPor® Foam filled frame
- Cove crafted interior sash profiles
- Triple weatherstripping on sashes
- Equal glass sight line
- Integral lift rails
- Dual-action die cast tilt locks
- Forced entry resistant night locks
- Concealed sash stop system
- Stainless steel constant force balances
- Metal drop in pivot cam
- Heavy Duty Aluminum screen frame
- UltraVue screen mesh
- DS IntelliGlass high-performance glass
- Double (¾") or triple (1-⅛") pane glass
- Tape glazed
- Intercept spacer system
- Limited Lifetime Warranty
- White or Tan Vinyl

Optional Features

- WOCD field applied "angel locks"
- 1-⅝" Integral nail fin with 1" setback
- SuperSpacer® insulated glass
- Tempered and STC rated glass
- FlexScreen™ Full Screen
- Seven Decorator Exterior Finishes
- Interior & Exterior SDL packages

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Made in USA

Vinylmax pro-actively sources 90% domestic content for every Newton Window.

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Performance Summary

with Intercept Spacer
with Foam Filled Frame

Energy Star 6.0

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NFRC Thermal Performance Values

4800 Newton Double Hung	U-Value	SHGC	VLT	CR	North - Energy Star	North Central - Energy Star	South Central - Energy Star	South - Energy Star
IntelliGlass Low E / Argon	.28	.37	.54	58	●	●		
IntelliGlass X Low E / Argon	.28	.24	.48	58		●	●	●
IntelliGlass Plus Triple Pane Low E / Argon	.20	.26	.43	67	●	●		
IntelliGlass Supreme Triple Pane Low E / Krypton	.18	.26	.43	67	●	●		
4800 Newton Double Hung WITH GRIDS	**U-Value**	**SHGC**	**VLT**	**CR**				
IntelliGlass Low E / Argon	.28	.33	.48	58	●	●		
IntelliGlass X Low E / Argon	.28	.22	.43	58		●	●	●
IntelliGlass Plus Triple Pane Low E / Argon	.20	.23	.38	67	●	●	●	●
IntelliGlass Supreme Triple Pane Low E / Krypton	.18	.23	.38	67	●	●	●	●

4850/4853 Newton Slider	U-Value	SHGC	VLT	CR				
IntelliGlass Low E / Argon	.28	.37	.56	58	●	●		
IntelliGlass X Low E / Argon	.28	.25	.49	58		●	●	●
IntelliGlass Plus Triple Pane Low E / Argon	.19	.27	.44	67	●	●		
IntelliGlass Supreme Triple Pane Low E / Krypton	.17	.27	.44	67	●	●		
4850/4853 Newton Slider WITH GRIDS	**U-Value**	**SHGC**	**VLT**	**CR**				
IntelliGlass Low E / Argon	.28	.33	.50	58	●	●		
IntelliGlass X Low E / Argon	.28	.22	.44	58		●	●	●
IntelliGlass Plus Triple Pane Low E / Argon	.19	.24	.39	67	●	●	●	●
IntelliGlass Supreme Triple Pane Low E / Krypton	.17	.24	.39	67	●	●	●	●

4870 Newton Picture Window	U-Value	SHGC	VLT	CR				
IntelliGlass Low E / Argon	.27	.40	.57	60	●	●		
IntelliGlass X Low E / Argon	.27	.26	.51	60	●	●		
IntelliGlass Plus Triple Pane Low E / Argon	.18	.28	.45	67	●	●		
IntelliGlass Supreme Triple Pane Low E / Krypton	.16	.28	.45	67	●	●		
4870 Newton Picture Window WITH GRIDS	**U-Value**	**SHGC**	**VLT**	**CR**				
IntelliGlass Low E / Argon	.27	.36	.51	60	●	●		
IntelliGlass X Low E / Argon	.27	.23	.46	60	●	●	●	●
IntelliGlass Plus Triple Pane Low E / Argon	.18	.25	.41	67	●	●	●	●
IntelliGlass Supreme Triple Pane Low E / Krypton	.16	.25	.41	67	●	●	●	●

Meets Energy Star Most Efficient

Structural Performance Values

Product Rating	Up to this size window*	Structural Test Pressure PSF	Water Resistance PSF	Air Infiltration cfm/ft^2
Double Hung **R-PG50**	40" x 63"	50	7.5	0.09
Slider **R-PG25**	63" x 44"	25	4.5	0.13

The lower the **U-value**, the greater a window's resistance to heat flow and the better its insulating value.

The lower the **SHGC**, the more a product is blocking solar heat from coming through the window.

VT - Visible Light Transmittance - lower values mean less light passing through the window

CR - Condensation Resistance -The higher the CR, the less likely condensation is to occur.

* windows outside these size limits have not been structurally tested

Revised 1/25/16