



4800
Double Hung

SIZE LIMITS

	Width	Height	UI*
Minimum	20"	23 3/4"	38"
Maximum	52"	104"	132"

MAXIMUM TRIPLE PANE SIZE 50" WIDTH X 80" HEIGHT
*United Inches = Width + Height

PRODUCT FEATURES

- 3 1/4" Frame with beveled exterior
- Maintenance-free multi-chambered fusion welded vinyl
- IdeaSeal™ triple protection- integral interlock, sill compression seal and weatherstripping
- Dual function partitioned Sloped Sill
- 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 (3/4") or triple (1 1/8") pane glass
- Tape glazed
- Intercept spacer system
- Limited Lifetime Warranty
- White or tan vinyl

OPTIONAL FEATURES

- WOCD field applied "angel locks"
- 1 5/8" Integral nail fin with 1" setback
- SuperSpacer™ insulated glass
- Tempered and STC rated glass
- Full screen or FlexScreen™
- Thirteen painted exterior finishes
- Interior & exterior SDL packages

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windows



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THE
NEWTON
SERIES

PERFORMANCE DATA

PERFORMANCE DATA

4800 Double Hung	No Grids						With Grids					
	Intercept		Super Spacer		VLT	Energy Star	Intercept		Super Spacer		VLT	Energy Star
U Value	SHGC	U Value	SHGC	U Value			SHGC	U Value	SHGC			
IntelliGlass Low E / Argon	.28	.38	.27	.29	.53	N NC	.28	.34	.27	.26	.47	N NC
IntelliGlass X Low E / Argon	.28	.22	.27	.22	.50	NC SC S	.28	.20	.27	.20	.45	NC SC S
IntelliGlass X3 Triple Pane Low E / Argon	.24	.21	.23	.21	.46	N NC SC S	.25	.19	.23	.19	.41	N NC SC S
IntelliGlass Plus Triple Pane Low E / Argon	.20	.24	.18	.24	.40	N NC SC S	.20	.22	.18	.22	.35	N NC SC S

4850/4853 Slider	No Grids						With Grids					
	Intercept		Super Spacer		VLT	Energy Star	Intercept		Super Spacer		VLT	Energy Star
U Value	SHGC	U Value	SHGC	U Value			SHGC	U Value	SHGC			
IntelliGlass Low E / Argon	.28	.37	.27	.29	.52	N NC	.28	.34	.27	.26	.47	N NC
IntelliGlass X Low E / Argon	.28	.22	.27	.22	.50	NC SC S	.28	.20	.27	.20	.44	NC SC S
IntelliGlass X3 Triple Pane Low E / Argon	.24	.21	.23	.21	.46	N NC SC S	.24	.19	.23	.19	.41	N NC SC S
IntelliGlass Plus Triple Pane Low E / Argon	.20	.24	.18	.24	.39	N NC SC S	.20	.22	.18	.22	.35	N NC SC S

4870 Picture Window	No Grids						With Grids					
	Intercept		Super Spacer		VLT	Energy Star	Intercept		Super Spacer		VLT	Energy Star
U Value	SHGC	U Value	SHGC	U Value			SHGC	U Value	SHGC			
IntelliGlass Low E / Argon	.27	.39	.26	.30	.55	N NC	.27	.36	.26	.27	.49	N NC
IntelliGlass X Low E / Argon	.27	.23	.26	.23	.52	N NC SC S	.27	.21	.26	.21	.47	N NC SC S
IntelliGlass X3 Triple Pane Low E / Argon	.23	.22	.22	.22	.48	N NC SC S	.23	.20	.22	.20	.43	N NC SC S
IntelliGlass Plus Triple Pane Low E / Argon	.18	.25	.17	.25	.41	N NC SC S	.18	.23	.17	.23	.37	N NC SC S

Product Rating	Up to this size window*	Design Pressure PSF	Water Resistance PSF	Air Infiltration cfm/ft ²
Double Hung R-PG45	40" x 63" SS glass	45	7.5	0.12
Double Hung R-PG50	40" x 63" DS glass	50	7.5	0.09
Slider R-PG25	63" x 44" SS glass	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.
VLT - Visible Light Transmittance - lower values mean less light passing through the window.

* windows outside these size limits have not been structurally tested

