

THE  
**INSPIRE**  
COLLECTION

**4100 SERIES**  
Single Hung



**PRODUCT FEATURES**

- Fusion welded frame and sash corners
- Multi-chambered vinyl frame and sash profiles
- 3-1/4" Frame with beveled exterior
- 1-1/2" Nail fin with 1" setback from exterior
- 3/4" J-Channel (frame option)
- DP50 Performance available
- 3/4" Insulated glass unit
- Intercept Spacer system
- Tilt in, lift out sash
- Full interlocking meeting rail
- Integral sash lift rail
- Triple weatherstripped sash and meeting rail
- Composite locks and horizontal fastened lock keeper
- Recessed tilt latches
- Dual function sloped sill
- Foam-filled compression bulb seal on sill
- Aluminum screen frame with BetterVue mesh
- White or Clay vinyl. Black exterior laminate available
- Made in USA with more than 90% domestic content

**SIZE LIMITS**

	Width	Height	UI*
<b>Minimum</b>	16.5"	29.25"	45
<b>Maximum</b>	52"	98"	150

\*United Inches = Width + Height

**vinylmax**  
windows

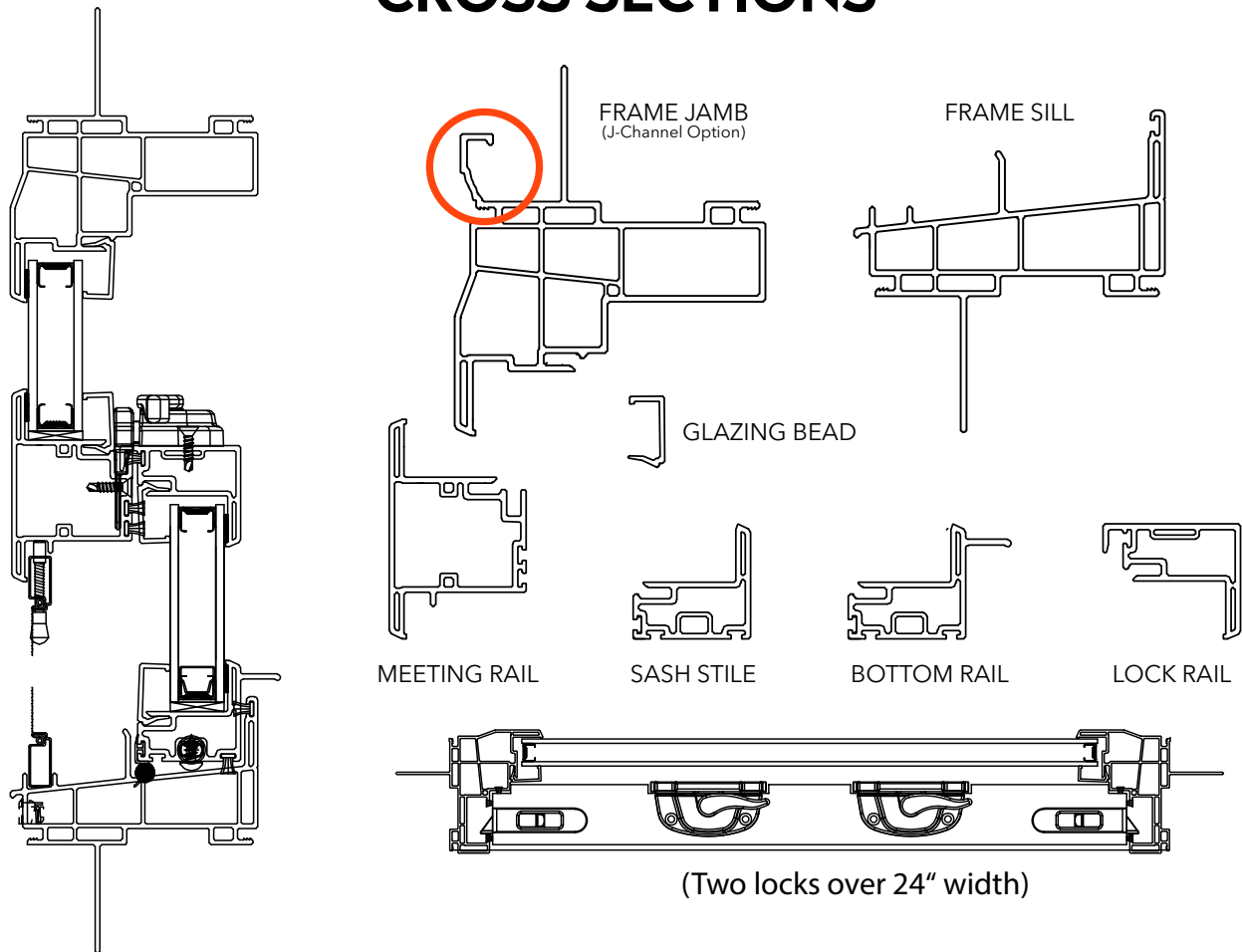
**PRODUCT RATING: R-PG50**

Complete NFRC Values on Flip Side

WINDOW+DOOR  
**TOP 100**  
MANUFACTURERS



# CROSS SECTIONS



# PERFORMANCE DATA

## THERMAL

No Grids

With Grids

4100 Single Hung	U-Value	SHGC	VLT	U-Value	SHGC	VLT
Clear Glass	.46	.63	64%	.46	.56	57%
IntelliGlass Low E / Argon	.29	.37	52%	.29	.34	47%
IntelliGlass X Low E / Argon	.29	.22	49%	.29	.20	44%
IntelliGlass Plus Low E / Argon	.20	.24	39%	.20	.22	35%
IntelliGlass X3 Low E / Argon	.24	.21	46%	.25	.19	41%

4150 Slider	U-Value	SHGC	VLT	U-Value	SHGC	VLT
Clear Glass	.47	.63	64%	.47	.56	57%
IntelliGlass Low E / Argon	.29	.37	52%	.29	.34	47%
IntelliGlass X Low E / Argon	.29	.22	49%	.29	.20	44%
IntelliGlass Plus Low E / Argon	.20	.24	39%	.20	.22	35%
IntelliGlass X3 Low E / Argon	.24	.21	46%	.25	.19	41%

4170 Picture Window	U-Value	SHGC	VLT	U-Value	SHGC	VLT
Clear Glass	.45	.65	67%	.45	.58	60%
IntelliGlass Low E / Argon	.27	.39	54%	.27	.36	49%
IntelliGlass X Low E / Argon	.27	.23	52%	.27	.21	47%
IntelliGlass Plus Low E / Argon	.19	.25	40%	.18	.23	37%
IntelliGlass X3 Low E / Argon	.23	.22	48%	.23	.20	43%

## STRUCTURAL

Product Rating	Up to This Size Window*	Design Pressure PSF	Glass Strength	Reinforcement Configuration
Single Hung	40" x 63"	50	SS	None
	44" x 75"	30	SS	Lock and Meeting Rail
	44" x 75"	40	DS	Lock and Meeting Rail
	44" x 75"	50	DS	Full
Single Slider	63" x 44"	35	SS	None
	72" x 56"	35	SS	Lock and Meeting Rail

\* windows outside these size limits have not been structurally tested

Glass thickness and reinforcement will change thermal values. Additional thermal values are available upon request



N0416.01-116-45 R1

The above values are for SS glass, Intercept and No reinforcement. Thermal values do vary with options picked, other values available upon request.

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.



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