

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
- 1/2 FlexScreen
- White or Clay vinyl. Black exterior laminate available
- Made in USA with more than 90% domestic content

SIZE LIMITS

	Width	Height	UI*
Minimum	16.5"	29.25"	45
Maximum	52"	98"	150

*United Inches = Width + Height

vinylmax
windows

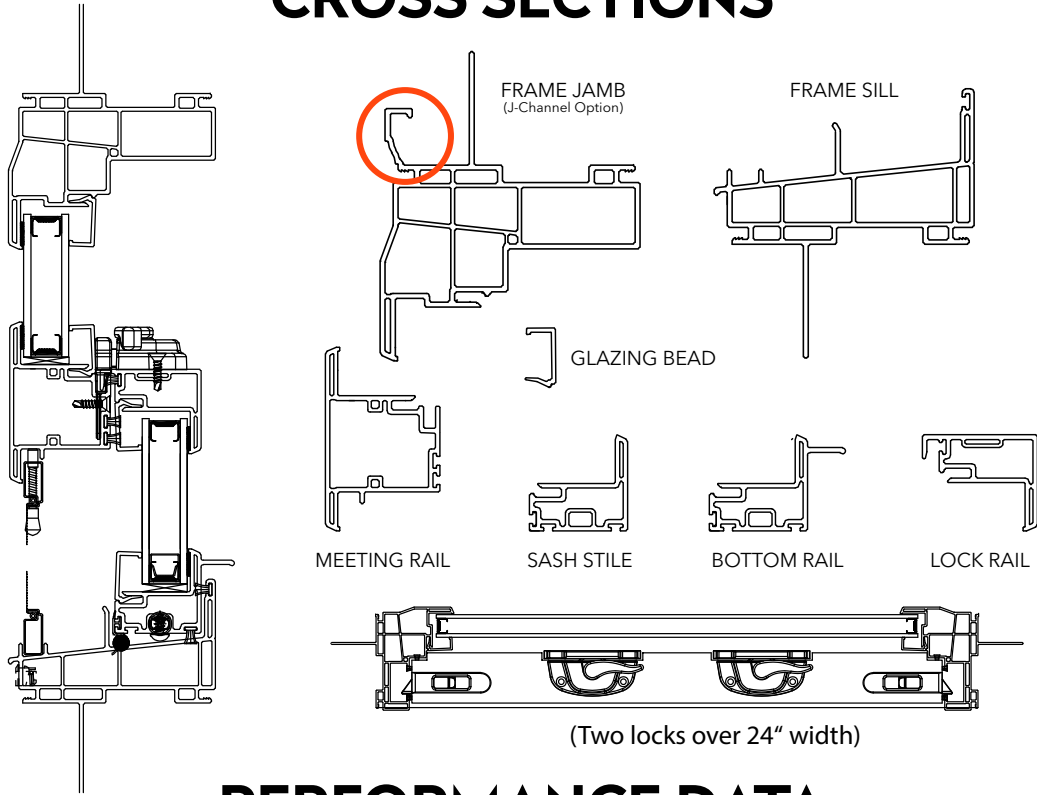
PRODUCT RATING: R-PG50

Complete NFRC Values on Flip Side

WINDOW+DOOR
TOP 100
MANUFACTURERS



CROSS SECTIONS



PERFORMANCE DATA

No Grids

With Grids

4100 Single Hung	Intercept		Super Spacer		VLT	ENERGY STAR 7.0
	U Value	SHGC	U Value	SHGC		
IntelliGlass Low E / Argon	.29	.29	.28	.29	.55	
IntelliGlass X Low E / Argon	.29	.21	.27	.21	.50	S
IntelliGlass N Low E / Argon	.26	.47	.26	.47	.55	N
IntelliGlass C Low E / Argon	.25	.20	.25	.20	.45	NC SC S
IntelliGlass X3 Triple Pane Low E / Argon	.25	.20	.23	.20	.46	NC SC S
IntelliGlass Plus Triple Pane Low E / Argon	.20	.25	.18	.25	.43	N NC

4100 Single Hung	Intercept		Super Spacer		VLT	ENERGY STAR 7.0
	U Value	SHGC	U Value	SHGC		
IntelliGlass Low E / Argon	.29	.26	.28	.26	.49	
IntelliGlass X Low E / Argon	.29	.19	.27	.19	.45	S
IntelliGlass N Low E / Argon	.26	.42	.26	.42	.49	N
IntelliGlass C Low E / Argon	.25	.18	.25	.18	.40	NC SC S
IntelliGlass X3 Triple Pane Low E / Argon	.26	.18	.24	.18	.41	SC S
IntelliGlass Plus Triple Pane Low E / Argon	.20	.22	.19	.22	.38	N NC SC S

4150/4153 Slider	Intercept		Super Spacer		VLT	ENERGY STAR 7.0
	U Value	SHGC	U Value	SHGC		
IntelliGlass Low E / Argon	.29	.29	.28	.29	.55	
IntelliGlass X Low E / Argon	.29	.21	.27	.21	.50	S
IntelliGlass N Low E / Argon	.26	.47	.26	.47	.55	N
IntelliGlass C Low E / Argon	.25	.20	.25	.20	.45	NC SC S
IntelliGlass X3 Triple Pane Low E / Argon	.25	.20	.23	.20	.46	NC SC S
IntelliGlass Plus Triple Pane Low E / Argon	.20	.25	.18	.25	.43	N NC

4150/4153 Slider	Intercept		Super Spacer		VLT	ENERGY STAR 7.0
	U Value	SHGC	U Value	SHGC		
IntelliGlass Low E / Argon	.29	.26	.28	.26	.49	
IntelliGlass X Low E / Argon	.29	.19	.27	.19	.45	S
IntelliGlass N Low E / Argon	.26	.42	.26	.42	.49	N
IntelliGlass C Low E / Argon	.25	.18	.25	.18	.40	NC SC S
IntelliGlass X3 Triple Pane Low E / Argon	.26	.18	.24	.18	.41	SC S
IntelliGlass Plus Triple Pane Low E / Argon	.20	.22	.18	.22	.38	N NC SC S

4170 Picture Window	Intercept		Super Spacer		VLT	ENERGY STAR 7.0
	U Value	SHGC	U Value	SHGC		
IntelliGlass Low E / Argon	.28	.31	.27	.31	.58	
IntelliGlass X Low E / Argon	.27	.23	.26	.23	.53	SC S
IntelliGlass N Low E / Argon	.24	.49	.23	.49	.58	N
IntelliGlass C Low E / Argon	.23	.21	.22	.21	.48	NC SC S
IntelliGlass X3 Triple Pane Low E / Argon	.23	.21	.22	.21	.48	NC SC S
IntelliGlass Plus Triple Pane Low E / Argon	.18	.26	.17	.26	.45	N NC

4170 Picture Window	Intercept		Super Spacer		VLT	ENERGY STAR 7.0
	U Value	SHGC	U Value	SHGC		
IntelliGlass Low E / Argon	.28	.28	.27	.28	.51	
IntelliGlass X Low E / Argon	.27	.21	.26	.21	.47	SC S
IntelliGlass N Low E / Argon	.24	.45	.23	.45	.52	N
IntelliGlass C Low E / Argon	.23	.19	.22	.19	.43	NC SC S
IntelliGlass X3 Triple Pane Low E / Argon	.24	.19	.23	.19	.43	NC SC S
IntelliGlass Plus Triple Pane Low E / Argon	.19	.24	.17	.24	.40	N NC

Product Rating	Up to this size window*	Structural Test 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