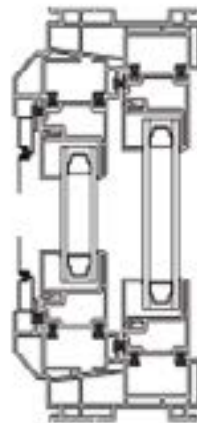
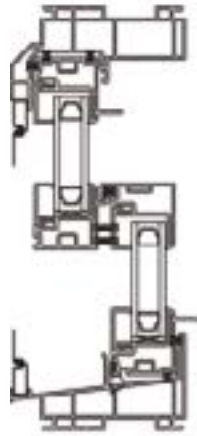


THE
RADIANCE PLUS
SERIES

VINYL REPLACEMENT WINDOWS



4600
Double Hung



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
- Chisel bevel interior sash profiles
- Double weatherstripping on sashes
- Integral lift rails
- BioMaxx lead-free composite locks and keepers
- Flush mount tilt latches
- Double vent latches
- Concealed sash stop system
- Stainless steel constant force balances
- Metal drop in pivot cam
- Full balance covers
- Intelliglass high performance glass
- Dual (3/4") or triple (1-1/8") pane glass
- Tape glazed
- Intercept Spacer System
- Limited Lifetime Warranty

OPTIONAL FEATURES

- Sentry System hardware including dual-action tilt/lock & forced entry resistant night locks
- WOCD field applied "angel locks"
- 1-5/8" integral nailfin with 1" setback
- Super Spacer flexible warm-edge spacer system
- Tempered and STC rated glass
- Foam filled frame
- Heavy duty 1/2 Screen (White Only)
- Full FlexScreen™
- Woodgrain interior laminates
- Black or bronze exterior laminates on white
- Interior & exterior SDL packages

SIZE LIMITS

	Width	Height	UI*
Minimum	14"	24"	38
Maximum	52"	98"	132

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

vinylmax
windows



2921 McBride Court
Hamilton, OH 45011
(800) 847-3736
vinylmax.com

WINDOW+DOOR
TOP 100
MANUFACTURERS



FGIA
Fenestration & Glazing
Industry Alliance





THE
RADIANCE PLUS
SERIES

PERFORMANCE DATA

No Grids

With Grids

4600 Double Hung	Intercept		Super Spacer		VLT	ENERGY STAR 7.0	Intercept		Super Spacer		VLT	ENERGY STAR 7.0
	U Value	SHGC	U Value	SHGC			U Value	SHGC	U Value	SHGC		
IntelliGlass Low E / Argon	.29	.29	.28	.29	.54		.29	.26	.28	.26	.48	
IntelliGlass X Low E / Argon	.28	.21	.27	.21	.49	SC S	.28	.19	.27	.19	.44	SC S
IntelliGlass N Low E / Argon	.25	.46	.24	.46	.54	N	.25	.42	.24	.42	.49	N
IntelliGlass C Low E / Argon	.24	.20	.23	.20	.45	NC SC S	.24	.18	.23	.18	.40	NC SC S
IntelliGlass X3 Triple Pane Low E / Argon	.25	.20	.23	.20	.45	NC SC S	.25	.18	.24	.18	.40	NC SC S
IntelliGlass Plus Triple Pane Low E / Argon	.20	.24	.18	.24	.42	N NC	.20	.22	.19	.22	.37	N NC SC S

4650/4653 Slider	Intercept		Super Spacer		VLT	ENERGY STAR 7.0	Intercept		Super Spacer		VLT	ENERGY STAR 7.0
	U Value	SHGC	U Value	SHGC			U Value	SHGC	U Value	SHGC		
IntelliGlass Low E / Argon	.29	.29	.28	.29	.55		.29	.26	.28	.26	.49	
IntelliGlass X Low E / Argon	.28	.21	.27	.21	.50	SC S	.28	.19	.27	.19	.45	SC S
IntelliGlass N Low E / Argon	.25	.47	.24	.47	.56	N	.25	.42	.24	.42	.50	N
IntelliGlass C Low E / Argon	.24	.20	.23	.20	.45	NC SC S	.24	.18	.23	.18	.40	NC SC S
IntelliGlass X3 Triple Pane Low E / Argon	.25	.20	.23	.20	.46	NC SC S	.25	.18	.24	.18	.41	NC SC S
IntelliGlass Plus Triple Pane Low E / Argon	.20	.25	.18	.25	.43	N NC	.20	.22	.19	.22	.38	N NC SC S

4670 Picture Window	Intercept		Super Spacer		VLT	ENERGY STAR 7.0	Intercept		Super Spacer		VLT	ENERGY STAR 7.0
	U Value	SHGC	U Value	SHGC			U Value	SHGC	U Value	SHGC		
IntelliGlass Low E / Argon	.28	.31	.27	.31	.58		.28	.28	.27	.28	.51	
IntelliGlass X Low E / Argon	.27	.23	.26	.23	.53	SC S	.27	.21	.26	.21	.47	SC S
IntelliGlass N Low E / Argon	.24	.49	.23	.49	.58	N	.24	.45	.23	.45	.52	N
IntelliGlass C Low E / Argon	.23	.21	.22	.21	.48	NC SC S	.23	.19	.22	.19	.43	NC SC S
IntelliGlass X3 Triple Pane Low E / Argon	.23	.21	.22	.21	.48	NC SC S	.24	.19	.23	.19	.43	NC SC S
IntelliGlass Plus Triple Pane Low E / Argon	.18	.26	.17	.26	.45	N NC	.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

