



Performance Data Edgemont - Replacement Windows

Standard Glass Package Thermal Performance - For the North-Central, South-Central, and Southern Climate ENERGY STAR® Zones

Glazing	Window Style	Primary Unit Size	Total Unit U-Value ¹	Visible Light Transmittance ²		SHGC ⁵		Condensation Resistance ⁶	ENERGY STAR® Certified	
				Grids	No Grids	Grids	No Grids		Yes	No
Low-e glass, low-conductance spacer and argon gas fill.	Double-Hung	<= 36" x 72"	0.29 No Grids 0.31 With Grids	0.42	0.48	0.19	0.21	58	NO GRIDS	GRIDS
	Edgemont 2-Lite Slider	<= 108" x 48"	0.28	0.44	0.49	0.19	0.21	60	✓	
	Hopper	<= 49" x 36"	0.30	0.40	0.44	0.17	0.19	60	✓	
	Picture	<= 72" x 72"	0.26	0.46	0.52	0.20	0.22	60	✓	

Northern Zone Glass Package Thermal Performance - For the Northern Climate ENERGY STAR® Zone

Glazing	Window Style	Primary Unit Size	Total Unit U-Value ¹	Visible Light Transmittance ²		SHGC ⁵		Condensation Resistance ⁶	ENERGY STAR® Certified	
				Grids	No Grids	Grids	No Grids		Yes	No
Low-e glass, low-conductance spacer and argon gas fill.	Double-Hung	<= 36" x 72"	0.30 No Grids 0.31 With Grids	0.49	0.55	0.38	0.43	58	NO GRIDS	GRIDS
	Edgemont 2-Lite Slider	<= 108" x 48"	0.29	0.51	0.58	0.40	0.45	59	✓	
	Hopper	<= 49" x 36"	0.31	0.47	0.51	0.36	0.39	60		✓
	Picture	<= 72" x 72"	0.28	0.54	0.60	0.42	0.47	59	✓	

All thermal and sound testing is done in accordance with required NFRC sizing.



Air, Water and Structural Performance

Window Style	Individual Unit Size	Mulled Unit Size	Test Method	Total Unit Air Infiltration @25MPH	Water (PSF)	Structural Rating	Overall Grade Rating
Double-Hung	36" x 72"	—	AAMA/WDMA/CSA 101/I.S.2/A440-11	0.12 CFM	6.06	40	R40
Double-Hung	48" x 80"	—	AAMA/WDMA/CSA 101/I.S.2/A440-11	0.10 CFM	5.43	30	R30
Double-Hung Oriel	36" x 72"	—	AAMA/WDMA/CSA 101/I.S.2/A440-11	0.13 CFM	6.06	40	R40
Double-Hung Oriel	48" x 80"	—	AAMA/WDMA/CSA 101/I.S.2/A440-11	0.08 CFM	6.06	35	R35
Double-Hung Reverse Oriel	36" x 72"	—	AAMA/WDMA/CSA 101/I.S.2/A440-11	0.15 CFM	6.06	40	R40
Double-Hung Reverse Oriel	48" x 80"	—	AAMA/WDMA/CSA 101/I.S.2/A440-11	0.15 CFM	6.06	30	R30
Triple Double-Hung	48" x 80"	145" x 80"	AAMA/WDMA/CSA 101/I.S.2/A440-11	0.10 CFM	5.43	30	R30
Picture	72" x 72"	—	AAMA/WDMA/CSA 101/I.S.2/A440-08	0.01 CFM	12.11	35	R35
Triple Picture Window	48" x 72"	144" x 72"	AAMA/WDMA/CSA 101/I.S.2/A440-08	0.01 CFM	12.11	35	R35
Twin Picture Window with Transom	48" x 72"	96" x 112"	AAMA/WDMA/CSA 101/I.S.2/A440-08	0.01 CFM	12.11	20	R20
Edgemont 2-Lite Slider	84" x 48"	—	AAMA/WDMA/CSA 101/I.S.2/A440-08	0.06 CFM	8.35	40	R40
Edgemont 2-Lite Slider	84" x 36"	—	AAMA/WDMA/CSA 101/I.S.2/A440-08	0.06 CFM	8.35	35	R35
Edgemont 3-Lite Slider 1/4-1/2-1/4	108" x 48"	—	AAMA/WDMA/CSA 101/I.S.2/A440-08	0.06 CFM	6.06	35	R35
Edgemont 3-Lite Slider 1/3-1/3-1/3	108" x 48"	—	AAMA/WDMA/CSA 101/I.S.2/A440-08	0.06 CFM	7.52	35	R35
Edgemont Hopper	49" x 36"	—	AAMA/WDMA/CSA 101/I.S.2/A440-08	0.01 CFM	6.06	25	R25

Sound Transmission

Window Style	Unit Size	IG Unit	Glazing	STC	OITC
Double-Hung	47-1/4" x 59"	3/4"	1/8" annealed, 1/2" spacer, 1/8" annealed	28	23
Picture	47-1/4" x 59"	3/4"	1/8" annealed, 1/2" spacer, 1/8" annealed	27	22
Slider	59" x 47-1/4"	3/4"	1/8" annealed, 1/2" spacer, 1/8" annealed	28	22

STC rating was calculated in accordance with ASTM E 413.

¹ Windows tested per NFRC 100. Data applies to double-pane insulated glass units using a double-strength glass with a 1/2" airspace.
Data applies to: *Edgemont double-pane insulated glass units using double-strength glass with 1/2" air space.

² Tested using GED's Intercept® ULTRA low-conductance warm-edge spacer system. Calculations provided by Lawrence Berkeley Laboratory Window 7.4 and Optics5 software based on a 3/4" IG unit for Edgemont windows and 15/16" IGU for Cambridge windows.

³ Daylight Transmittance measures the performance of the glass only.

⁴ International Standards Organization Damage Weighted Transmission Rating (Tdw-ISO) calculations performed by Lawrence Berkeley Laboratory 7.4 Windows software and is weighted using recommended International Commission on Illumination (CIE) standards.

⁵ Solar Heat Gain Coefficient (SHGC) tested in accordance with NFRC 200. This value varies by style, glazing system and grids.

⁶ Condensation Resistance is tested in accordance with NFRC 500.