



Performance Values

Dual Insulated Glass (IG) Ratings Low E 270

Product Series	Operating Style	U-Value w/ Low E & Argon Gas	Solar Heat Gain Coefficient	Visible* Light Transmission
Hawthorne	Double Hung	0.27	0.28	0.53
Hawthorne	Double Horizontal Slider	0.27	0.28	0.54
Hawthorne	Casement/ Awning	0.27	0.27	0.51
Hawthorne	Picture Window	0.27	0.30	0.57
Belmont	Double Hung	0.27	0.28	0.53
Belmont	Single Hung	0.27	0.29	0.56
Belmont	Double Horizontal Slider	0.27	0.28	0.54
Belmont	Single Slider	0.27	0.29	0.54
Belmont	Picture Window	0.27	0.30	0.57
Belmont	Casement/ Awning	0.27	0.27	0.51
Windgate	Double Hung	0.27	0.28	0.53
Windgate	Single Hung	0.27	0.29	0.56
Windgate	Double Horizontal Slider	0.27	0.28	0.54
Windgate	Single Slider	0.27	0.29	0.54
Windgate	Picture Window	0.27	0.30	0.57
Windgate	Casement/ Awning	0.27	0.27	0.51
Alliance	Patio Door	0.27	0.30	0.57

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U-Value w/ Low E & Argon Gas	Solar Heat Gain Coefficient	Visible* Light Transmission
0.27	0.21	0.49
0.27	0.21	0.51
0.26	0.20	0.47
0.27	0.23	0.53
0.27	0.21	0.49
0.27	0.22	0.49
0.27	0.21	0.51
0.27	0.22	0.51
0.27	0.23	0.53
0.26	0.20	0.47
0.27	0.21	0.49
0.27	0.22	0.49
0.27	0.21	0.51
0.27	0.22	0.51
0.27	0.23	0.53
0.26	0.20	0.47
0.27	0.23	0.53

Air Infiltration

CFM/ Ft ²	Size Tested
0.12	44 x 53
0.09	72 x 48
0.03	36 x 72
0.01	84 x 60
0.12	44 x 63
0.10	44 x 63
0.16	72 x 48
0.09	72 x 48
0.01	84 x 60
0.03	36 x 72
0.12	44 x 60
0.10	44 x 63
0.16	72 x 48
0.08	72 x 48
0.01	84 x 60
0.03	36 x 72
0.16	72 x 80

Triple Insulated Glass (TIG) Ratings Low E 270

Between the glass grids are not available.

Product Series	Operating Style	U-Value w/ Low E & Argon Gas	Solar Heat Gain Coefficient	Visible* Light Transmission
Hawthorne	Double Hung	0.24	0.24	0.42
Hawthorne	Casement/ Awning	0.23	0.23	0.40
Hawthorne	Picture Window	0.24	0.26	0.45

Low E 366

U-Value w/ Low E & Argon Gas	Solar Heat Gain Coefficient	Visible* Light Transmission
0.24	0.19	0.36
0.23	0.18	0.39
0.24	0.20	0.43

NOTE: Visible Transmission (VT) ratings are based on units without grids.

Units with grids lower the numbers for the Solar Heat Gain Coefficient (SHGC) and VT ratings.

Triple glazing is limited to 10 square feet of glass.



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Effective 1/1/16