About This Test

R-value measures how well a window resists heat flow, and a higher number means better insulation. This chart compares the R-value of each standard window with the same window after adding a Fantastic Frame insert, and shows the percent increase. Every window type tested shows a higher R-value with the insert installed.

R-Value Increase Using Fantastic Frame Inserts												
Window Type	**Wood**			**Vinyl**			**Aluminum Clad Wood**			**Aluminum**		
	R-Value of Standard Window	R-Value With Fantastic Frame	Percent Increase in R-Value	R-Value of Standard Window	R-Value With Fantastic Frame	Percent Increase in R-Value	R-Value of Standard Window	R-Value With Fantastic Frame	Percent Increase in R-Value	R-Value of Standard Window	R-Value With Fantastic Frame	Percent Increase in R-Value
Single Pane	1.12	2.38	**112%**	1.09	2.33	**114%**	1.11	2.27	**105%**	0.91	1.92	**112%**
Double Pane	2.22	3.45	**55%**	2.08	3.23	**55%**	2.17	3.33	**53%**	1.64	2.56	**56%**
Double Pane w/ Low-E Glass	2.86	4.17	**46%**	2.63	4.00	**52%**	2.78	4.00	**44%**	1.79	2.94	**65%**
Double Pane w/ Low-E Glass and Argon Fill	3.13	4.55	**45%**	2.86	4.35	**52%**	3.03	4.35	**43%**	1.89	3.13	**66%**

Results above are based on tests completed at an NVLAP approved lab. Individual results may vary.