

Please help us to keep this information correct, current and complete!
If you find that anything on this spreadsheet is incorrect or if there is anything missing please let us know so that we can update the information. Thank you.

Energy Efficient Window Comparison

NOTE *Cost is based on the builder's price for a 24" wide x 48" high operable casement with screen and no grilles *Cost does not include shipping, handling, installation, or builder's profit and overhead.												
1/29/2010	BRAND	TYPE	Uvalue	Rvalue	SHGC	VLT	Air Inf cfm/sf	H2O psf	Cost*	Cost/sf	Cost/sf/R	DETAILS
ALUMINUM CLAD												
Eagle	Axiom Triple Glazed		0.29	3.4	0.26	0.39			320	40	12	Triple Glazed, Low-E 272 on surfaces 2&5 Made in Iowa, Dealer: BMC West, Missoula. 406-543-3163 http://www.eaglewindow.com/Products/Overview.aspx
Gienow	550 Series		0.21	4.8	0.21	0.37			480	60	13	Triple, 270 Glass, Argon fill Made in Calgary, Canada. Dealer: Boyce Lumber, Missoula, 406-728-7100 http://www.gienow.com/
Jeldwen	Custom		0.27	3.7	0.29				348	44	12	Double glazed, Low E, Argon, stainless steel spacer
	Custom		0.25	4.0	0.28				507	63	16	Triple glazed, Low E 366, Argon, stainless steel spacer Made in ???, Dealer: Boyce Lumber, Missoula, 406-728-7100 http://www.jeld-wen.com/windows/
Loewen	Casement		0.23	4.3	0.14	0.21			610	76	18	Triple sun 240, Dual low E (no argon due to passes)
	Casement		0.22	4.5	0.24	0.38			583	73	16	HP3, thermal edge, (no argon due to mtn passes) Made in Canada, Dealer: Montana Sash and Door, Kalispell, 406-755-7643 http://www.loewen.com/
Optiwin	Alu2wood		0.14	7.3	0.53				704	88	12	Usi0.6 Glass
	Alu2wood		0.13	7.8	0.53				824	103	13	Usi0.5 Glass Made in Germany. Dealer: Peak Building Products, Minnesota. 651-925-0866 http://mueller.optiwin.net/mueller-en/products
Sorpetaler	TF Design - 3pane		0.14	7.1	0.52				800	100	14	Guardian 3-pane Argon glass, warm edge spacer. Made in Germany. Dlr: Quantum Bldrs, Drct: Bronwyn Barry 510-375-2123 http://www.quantumbuilder.com/sorpetaler
FIBERGLASS												
Accurate	ADC 325 series		0.24	4.2	0.47	0.39			382	48	11	Tri- Arg AFG 1E2 (HIGH GAIN)
Dorwin	ADC 325 series		0.17	5.9	0.24	0.39			396	50	8	Tri- Arg AFG 2tiac40 (s2&s5) (LOW GAIN) Made in Winnipeg, Canada. Dealer: Direct, Rep: Corey Loewen. 888-982-4640 http://www.accuratedorwin.com/windows/index.php?c=usa
Duxton	Series 325		0.21	4.8	0.39				656	82	17	TRIP DBL E/ARG, 179 Glass (HI GAIN)
	Series 325		0.19	5.3	0.37				656	82	16	TRIP DBL E/ARG, TI-AC40 Glass (LOW GAIN) Made in Canada, Dealer: Direct-Rep. David Bakker (204) 339 6456 http://www.duxtonwindows.com/
Fibertec	300 Series		0.18	5.6	0.24	0.39			441	55	10	triple low E2 (cardinal) 2krp 2s/s
	300 Series		0.18	5.6	0.24	0.39			516	65	12	same as above with Oak or Maple interior. Made in Canada, Dealer: direct (Rep: Anthony Ward, CO, 303.663.5599) http://www.fibertec.com/
Pazen	Enersign		0.11	9.1	0.52				880	110	12	3-pane, fiberglass exterior, wood interior. Insulation over frame installation. Made in Germany. Dlr: Quantum Bldrs, Drct: Bronwyn Barry 510-375-2123 http://www.quantumbuilder.com/pazen
Pella	Impervia		0.29	3.4	0.44				301	38	11	Dbi pane, low-e. Made in USA. Dlr: Pella Window and Door Store, 406-542-3840 http://web.pella.com/products/productlines/Impervia/Pages/Impervia.asp

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BRAND	TYPE	Uvalue	Rvalue	SHGC	VLT	Air Inf	H2O	Cost*	Cost/sf	Cost/sf/R	DETAILS	
Serious	525 series, low gain	0.21	4.8	0.21	0.44	0.00	7.52	517	65	14	SeriousGlass , dual pane, 1 Low SHGC film, krypton filled,	
	725 series, low gain	0.18	5.6	0.21	0.38	0.00	7.52	633	79	14	SeriousGlass 9, dual pane, 1 Low SHGC film, krypton filled,	
	725 series, high gain	0.22	4.5	0.39	0.50	0.00	7.52	633	79	17	SeriousGlass 5, dual pane, 1 High SHGC film, krypton filled,	
	925 series, low gain	0.15	6.7	0.17	0.29	0.00	7.52	699	87	13	SeriousGlass 14, dual pane, 2 Low SHGC films, krypton filled	
	925 series, high gain	0.17	5.9	0.33	0.45	0.00	7.52	699	87	15	SeriousGlass 14, dual pane, 2 Low SHGC films, krypton filled	
	1125 Series		0.13	7.7	0.20	0.30	0.00	7.52	1,061	133	17	SeriousGlass 20, dual pane, 3 Low SHGC film, xenon filled,
http://seriouswindows.com/												
Thermotech	Casement	0.21	4.8	0.42	0.63			640	80	17	triple glazed 322 lof, tc88 #3 (no argon due to elevation)	
	Casement	0.19	5.3	0.25	0.57			680	85	16		
http://www.thermotechfiberglass.com/												
Made in Canada, Dealer: direct to company												
VINYL												
								\$	\$/sf	\$/sf/R		
Alpine 80	low e, clear, low e w/air triple gl.	0.28	3.6	0.32	0.59			220	28	8	1" IG, DS LO-E, Argon	
http://www.alpinewindowssystems.com/products/80.series.asp												
Gienow	260 Series	0.20	5.0	0.20	0.35			320	40	8	Triple, 270 Glass, Argon fill	
http://www.gienow.com/												
Made in Canada, Dealer: Boyce Lumber, Missoula, 406-728-7100												
Jeldwen	Premium	0.25	4.0	0.16				342	43	11	Triple glazed, Low E 366, Argon, "state-of-the-art" spacer	
http://www.jeld-wen.com/windows/												
Made in ???, Dealer: Boyce Lumber, Missoula, 406-728-7100												
Thermaline		0.18	5.6	0.23				460	58	10	Triple glazed (lowE-clear-lowE), Krypton/Argon filled. (5 times thicker vinyl.	
http://www.tlwindows.com/												
Made in N. Dakota, Dlr: Big Sky Siding & Windows, Missoula, 406-251-6559												
WOOD												
								\$	\$/sf	\$/sf/R		
Optiwin	2wood	0.14	7.3	0.53				680	85	12	Usi0.6 Glass	
	2wood	0.13	7.8	0.53				800	100	13	Usi0.6 Glass	
	3wood	0.13	8.0	0.53				928	116	15	Usi0.5 Glass	
	3wood	0.12	8.3	0.53				1,040	130	16	Usi0.5 Glass	
http://mueller.optiwin.net/mueller-en/products												
Made in Germany. Dealer: Peak Building Products, Minnesota. 651-925-0866												