

**Model #1171 - Casement Energy Ratings**

Glass Options	Glazing	Gas	Grille	Energy Star Zone(s)		ER	SHGC	VT	CR	U-Value (Metric)	U-Value Imp (Imperial)	R-Value (Imperial)
				Canada	US							
366 (2)	Double			None	NC,SC,S	16	0.19	0.43	59	1.59	0.28	3.57
366 (2)	Double		Y	None	NC,SC,S	14	0.17	0.39	59	1.59	0.28	3.57
366 (2)	Double	Arg/Kry		1	N,NC,SC,S	19	0.19	0.43	63	1.42	0.25	4.00
366 (2)	Double	Arg/Kry	Y	1	N,NC,SC,S	18	0.17	0.39	63	1.42	0.25	4.00
366 (2)	Double	Argon		1	N,NC,SC,S	19	0.19	0.43	63	1.42	0.25	4.00
366 (2)	Double	Argon	Y	1	N,NC,SC,S	18	0.17	0.39	63	1.42	0.25	4.00
Bronze/LOF (3)	Double			None	NC	23	0.39	0.38	56	1.76	0.31	3.23
Bronze/LOF (3)	Double		Y	None	NC	21	0.35	0.35	56	1.76	0.31	3.23
Bronze-LOF (3)	Double	Arg/Kry		1	N,NC	26	0.39	0.38	59	1.65	0.29	3.45
Bronze-LOF (3)	Double	Arg/Kry	Y	None	NC	23	0.35	0.35	59	1.65	0.29	3.45
Bronze-LOF (3)	Double	Argon		1	N,NC	26	0.39	0.38	59	1.65	0.29	3.45
Bronze-LOF (3)	Double	Argon	Y	None	NC	23	0.35	0.35	59	1.65	0.29	3.45
Grey-LOF (3)	Double			None	NC	22	0.37	0.35	56	1.76	0.31	3.23
Grey-LOF (3)	Double		Y	None	C	21	0.34	0.31	56	1.76	0.31	3.23
Grey-LOF (3)	Double	Arg/Kry		1	N,NC	25	0.37	0.35	59	1.65	0.29	3.45
Grey-LOF (3)	Double	Arg/Kry	Y	None	NC	23	0.34	0.31	59	1.65	0.29	3.45
Grey-LOF (3)	Double	Argon		1	NC	25	0.37	0.35	59	1.65	0.29	3.45
Grey-LOF (3)	Double	Argon	Y	None	N,NC	23	0.34	0.31	59	1.65	0.29	3.45
LOF (3)	Double			1 2	None	31	0.52	0.51	56	1.76	0.31	3.23
LOF (3)	Double		Y	1	None	28	0.47	0.46	56	1.76	0.31	3.23
LOF (3)	Double	Arg/Kry		1 2	N	33	0.52	0.51	59	1.65	0.29	3.45
LOF (3)	Double	Arg/Kry	Y	1 2	N	30	0.47	0.46	59	1.65	0.29	3.45
LOF (3)	Double	Argon		1 2	N	33	0.52	0.51	59	1.65	0.29	3.45
LOF (3)	Double	Argon	Y	1 2	N	30	0.47	0.46	59	1.65	0.29	3.45
LOF-LOF (2&3)	Double	Arg/Kry		1 2 3	N	34	0.44	0.48	46	1.42	0.25	4.00
LOF-LOF (2&3)	Double	Arg/Kry	Y	1 2	N,NC	31	0.40	0.43	46	1.42	0.25	4.00
LOF-LOF (2&3)	Double	Argon		1 2 3	N	34	0.44	0.48	46	1.42	0.25	4.00
LOF-LOF (2&3)	Double	Argon	Y	1 2	N,NC	31	0.40	0.43	46	1.42	0.25	4.00
366 (2)	Triple	Arg/Kry		1 2	N,NC,SC,S	23	0.17	0.4	69	1.19	0.21	4.76
366 (2)	Triple	Arg/Kry	Y	1 2	N,NC,SC,S	21	0.16	0.36	69	1.25	0.22	4.55
366 (2)	Triple	Argon		1 2	N,NC,SC,S	22	0.17	0.4	69	1.25	0.22	4.55
366 (2)	Triple	Argon	Y	1 2	N,NC,SC,S	20	0.16	0.36	69	1.31	0.23	4.35
366 (2)	Triple	Krypton		1 2 3	N,NC,SC,S	24	0.17	0.4	72	1.14	0.20	5.00
366 (2)	Triple	Krypton	Y	1 2	N,NC,SC,S	23	0.16	0.36	72	1.19	0.21	4.76
Bronze	Triple	Arg/Kry		1	N,NC	27	0.39	0.38	61	1.59	0.28	3.57
Bronze	Triple	Argon		1	N,NC	26	0.39	0.38	61	1.65	0.29	3.45
Bronze	Triple	Krypton		1	N,NC	28	0.39	0.38	63	1.54	0.27	3.70
Bronze-LOF (5)	Triple	Arg/Kry		1 2	N,NC	32	0.36	0.35	67	1.31	0.23	4.35
Bronze-LOF (5)	Triple	Arg/Kry	Y	1 2	N,NC	30	0.33	0.32	67	1.31	0.23	4.35
Bronze-LOF (5)	Triple	Argon		1 2	N,NC	30	0.36	0.35	67	1.36	0.24	4.17
Bronze-LOF (5)	Triple	Argon	Y	1 2	N,NC	29	0.33	0.32	67	1.36	0.24	4.17
Bronze-LOF (5)	Triple	Krypton		1 2 3	N,NC	34	0.36	0.35	70	1.19	0.21	4.76
Bronze-LOF (5)	Triple	Krypton	Y	1 2 3	N,NC	32	0.33	0.32	70	1.19	0.21	4.76

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				Canada	US							
Bronze-LOF-LOF (3&5)	Triple	Arg/Kry		1 2 3	N,NC	34	0.33	0.33	72	1.14	0.20	5.00
Bronze-LOF-LOF (3&5)	Triple	Arg/Kry	Y	1 2 3	N,NC,SC	31	0.30	0.3	72	1.19	0.21	4.76
Bronze-LOF-LOF (3&5)	Triple	Argon		1 2 3	N,NC	32	0.33	0.33	71	1.19	0.21	4.76
Bronze-LOF-LOF (3&5)	Triple	Argon	Y	1 2 3	N,NC,SC	31	0.30	0.3	71	1.19	0.21	4.76
Bronze-LOF-LOF (3&5)	Triple	Krypton		1 2 3	N,NC	36	0.33	0.33	75	1.02	0.18	5.56
Bronze-LOF-LOF (3&5)	Triple	Krypton	Y	1 2 3	N,NC,SC	33	0.30	0.3	75	1.08	0.19	5.26
Grey	Triple	Arg/Kry		1	N,NC	26	0.37	0.35	61	1.59	0.28	3.57
Grey	Triple	Argon		1	N,NC	25	0.37	0.35	61	1.65	0.29	3.45
Grey	Triple	Krypton		1	N,NC	27	0.37	0.35	63	1.54	0.27	3.70
Grey-LOF (5)	Triple	Arg/Kry		1 2	N,NC	30	0.34	0.32	67	1.31	0.23	4.35
Grey-LOF (5)	Triple	Arg/Kry	Y	1 2	N,NC	29	0.31	0.29	67	1.31	0.23	4.35
Grey-LOF (5)	Triple	Argon		1 2	N,NC	29	0.34	0.32	67	1.36	0.24	4.17
Grey-LOF (5)	Triple	Argon	Y	1 2	N,NC	28	0.31	0.29	67	1.36	0.24	4.17
Grey-LOF (5)	Triple	Krypton		1 2 3	N,NC	33	0.34	0.32	70	1.19	0.21	4.76
Grey-LOF (5)	Triple	Krypton	Y	1 2 3	N,NC	31	0.31	0.29	70	1.19	0.21	4.76
Grey-LOF-LOF (3&5)	Triple	Arg/Kry		1 2 3	N,NC	32	0.31	0.3	72	1.14	0.20	5.00
Grey-LOF-LOF (3&5)	Triple	Arg/Kry	Y	1 2 3	N,NC,SC	30	0.29	0.27	72	1.19	0.21	4.76
Grey-LOF-LOF (3&5)	Triple	Argon		1 2 3	N,NC	31	0.31	0.3	71	1.19	0.21	4.76
Grey-LOF-LOF (3&5)	Triple	Argon	Y	1 2 3	N,NC,SC	30	0.29	0.27	71	1.19	0.21	4.76
Grey-LOF-LOF (3&5)	Triple	Krypton		1 2 3	N,NC	35	0.31	0.3	75	1.02	0.18	5.56
Grey-LOF-LOF (3&5)	Triple	Krypton	Y	1 2 3	N,NC,SC	33	0.29	0.27	75	1.08	0.19	5.26
LOF (5)	Triple	Arg/Kry		1 2 3	N	38	0.48	0.48	67	1.31	0.23	4.35
LOF (5)	Triple	Arg/Kry	Y	1 2 3	N	36	0.44	0.43	67	1.31	0.23	4.35
LOF (5)	Triple	Argon		1 2 3	N	37	0.48	0.48	67	1.36	0.24	4.17
LOF (5)	Triple	Argon	Y	1 2 3	N	35	0.44	0.43	67	1.36	0.24	4.17
LOF (5)	Triple	Krypton		1 2 3	N	42	0.49	0.48	70	1.19	0.21	4.76
LOF (5)	Triple	Krypton	Y	1 2 3	N	39	0.44	0.43	70	1.19	0.21	4.76
LOF-LOF (3&5)	Triple	Arg/Kry		1 2 3	N	40	0.45	0.44	72	1.14	0.20	5.00
LOF-LOF (3&5)	Triple	Arg/Kry	Y	1 2 3	N	37	0.41	0.4	72	1.19	0.21	4.76
LOF-LOF (3&5)	Triple	Argon		1 2 3	N	39	0.45	0.44	71	1.19	0.21	4.76
LOF-LOF (3&5)	Triple	Argon	Y	1 2 3	N	37	0.41	0.4	71	1.19	0.21	4.76
LOF-LOF (3&5)	Triple	Krypton		1 2 3	N	43	0.45	0.44	75	1.02	0.18	5.56
LOF-LOF (3&5)	Triple	Krypton	Y	1 2 3	N	39	0.41	0.4	75	1.08	0.19	5.26

**(SHGC) Solar Heat Gain Coefficient:** The higher the SHGC, the more solar heat the window allows.

**(VT) Visible Transmittance:** The higher the VT, the more daylight is allowed in.

**(CR) Condensation Resistance:** The higher the CR, the less likely condensations is to occur.