

ENERGY RATINGS - CANADA

Window Style (Model)	Energy Rating (ER) Canadian Energy Star Program											
	Glass Options	ER	Energy Star Zone				SHGC	Visible Transmittance	Condensation Resistance	"U" Value	"U" Value	"R" Value
			A	B	C	D				(Metric) W/m²·K	(Imperial) Btu/h/ft²·°F	(Imperial)
Picture #1071 (no sash) CAN/CSA A440-00 Evaluation Report # 3106153-5 Air - (A) Fixed Rating Water - B7 Structural - C5 Forced Entry - N/A	DUAL LITE											
	Clear – air – clear	21					0.67	0.72	46	2.61	0.46	2.17
	Clear – air – clear, grille	18					0.61	0.65	46	2.61	0.46	2.17
	Clear – air – LOF (3)	36	●	●	●	●	0.67	0.68	55	1.93	0.34	2.94
	Clear – air – LOF, grille	32	●	●	●		0.60	0.61	55	1.93	0.34	2.94
	Clear – argon – LOF (3)	41	●	●	●	●	0.67	0.68	59	1.70	0.30	3.33
	Clear – argon – LOF, grille	37	●	●	●	●	0.60	0.61	59	1.70	0.30	3.33
	Clear – argon/krypton – LOF (3)	41	●	●	●	●	0.67	0.68	59	1.70	0.30	3.33
	Clear – argon/krypton – LOF, grille	37	●	●	●	●	0.60	0.61	59	1.70	0.30	3.33
	Bronze – air – clear	14					0.55	0.54	46	2.61	0.46	2.17
	Bronze – air – clear, grille	12					0.50	0.49	46	2.61	0.46	2.17
	Bronze – argon – clear	17					0.55	0.54	48	2.50	0.44	2.27
	Bronze – argon – clear, grille	14					0.50	0.49	48	2.50	0.44	2.27
	Bronze – argon/krypton – clear	17					0.55	0.54	48	2.50	0.44	2.27
	Bronze – argon/krypton – clear, grille	14					0.50	0.49	48	2.50	0.44	2.27
	Bronze – air – LOF (3)	27	●	●			0.51	0.50	56	1.93	0.34	2.94
	Bronze – air – LOF, grille	24	●				0.46	0.45	56	1.93	0.34	2.94
	Bronze – argon – LOF (3)	31	●	●	●		0.50	0.50	60	1.70	0.30	3.33
	Bronze – argon – LOF, grille	29	●	●	●		0.46	0.45	60	1.70	0.30	3.33
	Bronze – argon/krypton – LOF (3)	31	●	●	●		0.50	0.50	60	1.70	0.30	3.33
	Bronze – argon/krypton – LOF, grille	29	●	●	●		0.46	0.45	60	1.70	0.30	3.33
	Grey – air – clear	13					0.53	0.49	46	2.61	0.46	2.17
	Grey – air –clear, grille	10					0.48	0.44	46	2.61	0.46	2.17
	Grey – argon – clear	16					0.53	0.49	48	2.50	0.44	2.27
	Grey – argon – clear, grille	13					0.48	0.44	48	2.50	0.44	2.27
	Grey – argon/krypton – clear	16					0.53	0.49	48	2.50	0.44	2.27
	Grey – argon/krypton – clear, grille	13					0.48	0.44	48	2.50	0.44	2.27
	Grey – air – LOF (3)	25	●	●			0.48	0.45	56	1.93	0.34	2.94
	Grey – air – LOF, grille	22	●				0.43	0.41	56	1.93	0.34	2.94
	Grey – argon – LOF (3)	30	●	●	●		0.48	0.45	60	1.70	0.30	3.33
	Grey – argon – LOF, grille	27	●	●			0.43	0.41	60	1.70	0.30	3.33
	Grey – argon/krypton – LOF (3)	30	●	●	●		0.48	0.45	60	1.70	0.30	3.33
	Grey – argon/krypton – LOF, grille	27	●	●			0.43	0.41	60	1.70	0.30	3.33
	366 – air – clear (2)	16	●				0.24	0.57	59	1.70	0.30	3.33
	366 – air – clear, grille	15	●				0.22	0.51	59	1.70	0.30	3.33
	366 – argon – clear (2)	21	●	●			0.24	0.57	63	1.48	0.26	3.85
	366 – argon – clear, grille	20	●	●			0.22	0.51	63	1.48	0.26	3.85
	366 – argon/krypton – clear (2)	21	●	●			0.24	0.57	63	1.48	0.26	3.85
	366 – argon/krypton – clear, grille	20	●	●			0.22	0.51	63	1.48	0.26	3.85

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			A	B	C	D				(Metric) W/m²·K	(Imperial) Btu/h·ft²·°F	(Imperial)
Picture #1071 (no sash) CAN/CSA A440-00 Evaluation Report # 3106153-5 Air - (A) Fixed Rating Water - B7 Structural - C5 Forced Entry - N/A	TRIPLE LITE											
	Clear – argon – clear – argon – LOF (5)	45	●	●	●	●	0.61	0.63	67	1.36	0.24	4.17
	Clear – argon – clear – argon – LOF, grille	42	●	●	●	●	0.55	0.56	67	1.36	0.24	4.17
	Clear – argon – LOF – argon – LOF (3&5)	48	●	●	●	●	0.57	0.58	71	1.14	0.20	5.00
	Clear – argon – LOF – argon – LOF, grille	45	●	●	●	●	0.52	0.52	71	1.14	0.20	5.00
	Clear – argon/krypton – clear – argon/krypton – LOF (5)	47	●	●	●	●	0.61	0.63	67	1.31	0.23	4.35
	Clear – argon/krypton – clear – argon/krypton – LOF, grille	43	●	●	●	●	0.55	0.56	67	1.31	0.23	4.35
	Clear – argon/krypton – LOF – argon/krypton – LOF (3&5)	49	●	●	●	●	0.57	0.58	72	1.08	0.19	5.76
	Clear – argon/krypton – LOF – argon/krypton – LOF, grille	45	●	●	●	●	0.52	0.52	72	1.14	0.20	5.00
	Clear – krypton – clear – krypton – LOF (5)	49	●	●	●	●	0.61	0.63	70	1.19	0.21	4.76
	Clear – krypton – clear – krypton – LOF, grille	46	●	●	●	●	0.55	0.56	70	1.19	0.21	4.76
	Clear – krypton – LOF – krypton – LOF (3&5)	52	●	●	●	●	0.58	0.58	75	0.97	0.17	5.88
	Clear – krypton – LOF – krypton – LOF, grille	49	●	●	●	●	0.52	0.52	75	0.97	0.17	5.88
	Bronze – argon – clear – argon – clear	31	●	●	●		0.49	0.49	62	1.70	0.30	3.33
	Bronze – argon – clear – argon – clear, grille	28	●	●			0.44	0.44	62	1.70	0.30	3.33
	Bronze – argon/krypton – clear – argon/krypton – clear	32	●	●	●		0.49	0.49	62	1.65	0.29	3.45
	Bronze – argon/krypton – clear – argon/krypton – clear, grille	29	●	●	●		0.44	0.44	62	1.65	0.29	3.45
	Bronze – krypton – clear – krypton – clear	33	●	●	●		0.49	0.49	64	1.59	0.28	3.57
	Bronze – krypton – clear – krypton – clear, grille	30	●	●	●		0.44	0.44	64	1.59	0.28	3.57
	Bronze – argon – clear – argon – LOF (5)	39	●	●	●	●	0.45	0.45	68	1.25	0.22	4.55
	Bronze – argon – clear – argon – LOF, grille	36	●	●	●	●	0.41	0.41	68	1.25	0.22	4.55
	Bronze – argon/krypton – clear – argon/krypton – LOF (5)	39	●	●	●	●	0.45	0.45	69	1.25	0.22	4.55
	Bronze – argon/krypton – clear – argon/krypton – LOF, grille	36	●	●	●	●	0.41	0.41	69	1.25	0.22	4.55
	Bronze – krypton – clear – krypton – LOF (5)	41	●	●	●	●	0.45	0.45	71	1.14	0.20	5.00
	Bronze – krypton – clear – krypton – LOF, grille	37	●	●	●	●	0.40	0.41	71	1.19	0.21	4.76
	Bronze – argon – LOF – argon – LOF (3&5)	42	●	●	●	●	0.42	0.42	74	1.02	0.18	5.56
	Bronze – argon – LOF – argon – LOF, grille	38	●	●	●	●	0.38	0.38	74	1.08	0.19	5.26
	Bronze – argon/krypton – LOF – argon/krypton – LOF (3&5)	42	●	●	●	●	0.42	0.42	74	1.02	0.18	5.56
	Bronze – argon/krypton – LOF – argon/krypton – LOF, grille	39	●	●	●	●	0.38	0.38	74	1.02	0.18	5.56
	Bronze – krypton – LOF – krypton – LOF (3&5)	44	●	●	●	●	0.42	0.42	76	0.91	0.16	6.25
	Bronze – krypton – LOF – krypton – LOF, grille	42	●	●	●	●	0.38	0.38	76	0.91	0.16	6.25

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			A	B	C	D				(Metric)	(Imperial)	(Imperial)
										W/m²·K	Btu/h/ft²·°F	(Imperial)
Picture #1071 (no sash) CAN/CSA A440-00 Evaluation Report # 3106153-5 Air - (A) Fixed Rating Water - B7 Structural - C5 Forced Entry - N/A	TRIPLE LITE											
	Grey – argon – clear – argon – clear	30	●	●	●		0.47	0.45	62	1.70	0.30	3.33
	Grey – argon – clear – argon – clear, grille	27	●	●			0.42	0.40	62	1.70	0.30	3.33
	Grey – argon/krypton – clear – argon/krypton – clear	31	●	●	●		0.47	0.45	62	1.65	0.29	3.45
	Grey – argon/krypton – clear – argon/krypton – clear, grille	28	●	●			0.42	0.40	62	1.65	0.29	3.45
	Grey – krypton – clear – krypton – clear	32	●	●	●		0.47	0.45	64	1.59	0.28	3.57
	Grey – krypton – clear – krypton – clear, grille	29	●	●	●		0.42	0.40	64	1.59	0.28	3.57
	Grey – argon – clear – argon – LOF (5)	37	●	●	●	●	0.43	0.41	68	1.25	0.22	4.55
	Grey – argon – clear – argon – LOF, grille	35	●	●	●	●	0.39	0.37	68	1.25	0.22	4.55
	Grey – argon/krypton – clear – argon/krypton – LOF (5)	37	●	●	●	●	0.43	0.41	69	1.25	0.22	4.55
	Grey – argon/krypton – clear – argon/krypton – LOF, grille	34	●	●	●	●	0.38	0.37	69	1.25	0.22	4.55
	Grey – krypton – clear – krypton – LOF (5)	39	●	●	●	●	0.42	0.41	71	1.14	0.20	5.00
	Grey – krypton – clear – krypton – LOF, grille	36	●	●	●	●	0.38	0.37	71	1.19	0.21	4.76
	Grey – argon – LOF – argon – LOF (3&5)	41	●	●	●	●	0.40	0.38	74	1.02	0.18	5.56
	Grey – argon – LOF – argon – LOF, grille	37	●	●	●	●	0.36	0.34	74	1.08	0.19	5.26
	Grey – argon/krypton – LOF – argon/krypton – LOF (3&5)	41	●	●	●	●	0.40	0.38	74	1.02	0.18	5.56
	Grey – argon/krypton – LOF – argon/krypton – LOF, grille	38	●	●	●	●	0.36	0.34	74	1.02	0.18	5.56
	Grey – krypton – LOF – krypton – LOF (3&5)	43	●	●	●	●	0.40	0.38	76	0.91	0.16	6.25
	Grey – krypton – LOF – krypton – LOF, grille	41	●	●	●	●	0.36	0.34	76	0.91	0.16	6.25
	366 – argon – clear – argon – clear (2)	28	●	●	●	●	0.22	0.52	71	1.14	0.20	5.00
	366 – argon – clear – argon – clear, grille	25	●	●	●	●	0.20	0.46	71	1.19	0.21	4.76
	366 – argon/krypton – clear – argon/krypton – clear (2)	28	●	●	●	●	0.22	0.52	71	1.14	0.20	5.00
	366 – argon/krypton – clear – argon/krypton – clear, grille	27	●	●	●	●	0.20	0.46	71	1.14	0.20	5.00
	366 – krypton – clear – krypton – clear (2)	29	●	●	●	●	0.22	0.52	73	1.08	0.19	5.26
	366 – krypton – clear – krypton – clear, grille	28	●	●	●	●	0.20	0.46	73	1.08	0.19	5.26