

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	"R" Value
			A	B	C	D				(Imperial)	(Imperial)
Single Slider Liftout #1372 CAN/CSA A440-00 Evaluation Report # 3093743-1 Air - A2/Fixed Water - B4 Structural - C3 Forced Entry - F20 Evaluation Report # 3093743-2 (additional reinforcement-top rail) Air - A2/Fixed Water - B4 Structural - C5 Forced Entry - F20	DUAL LITE										
	Clear – air – clear	17					0.60	0.63	48	0.45	2.22
	Clear – air – clear, grille	13					0.54	0.57	48	0.45	2.22
	Clear – air – LOF (3)	30	●	●	●		0.59	0.60	54	0.34	2.94
	Clear – air – LOF, grille	27	●	●			0.53	0.54	54	0.34	2.94
	Clear – argon – LOF (3)	34	●	●	●	●	0.59	0.60	57	0.31	3.23
	Clear – argon – LOF, grille	30	●	●	●		0.53	0.54	57	0.31	3.23
	Clear – argon/krypton – LOF (3)	34	●	●	●	●	0.59	0.60	57	0.31	3.23
	Clear – argon/krypton – LOF, grille	30	●	●	●		0.53	0.54	57	0.31	3.23
	Bronze – air – clear	11					0.49	0.48	44	0.45	2.22
	Bronze – air – clear, grille	8					0.44	0.43	44	0.45	2.22
	Bronze – argon – clear	14					0.49	0.48	46	0.43	2.33
	Bronze – argon – clear, grille	11					0.44	0.43	46	0.43	2.33
	Bronze – argon/krypton – clear	14					0.49	0.48	46	0.43	2.33
	Bronze – argon/krypton – clear, grille	11					0.44	0.43	46	0.43	2.33
	Bronze – air – LOF (3)	22	●				0.45	0.44	54	0.34	2.94
	Bronze – air – LOF, grille	19					0.40	0.39	54	0.34	2.94
	Bronze – argon – LOF (3)	26	●	●			0.45	0.44	57	0.31	3.23
	Bronze – argon – LOF, grille	23	●				0.40	0.39	57	0.31	3.23
	Bronze – argon/krypton – LOF (3)	26	●	●			0.45	0.44	57	0.31	3.23
	Bronze – argon/krypton – LOF, grille	23	●				0.40	0.39	57	0.31	3.23
	Grey – air – clear	10					0.47	0.43	44	0.45	2.22
	Grey – air – clear, grille	7					0.42	0.39	44	0.45	2.22
	Grey – argon – clear	12					0.47	0.43	46	0.43	2.33
	Grey – argon – clear, grille	10					0.42	0.39	46	0.43	2.33
	Grey – argon/krypton – clear	12					0.47	0.43	46	0.43	2.33
	Grey – argon/krypton – clear, grille	10					0.42	0.39	46	0.43	2.33
	Grey – air – LOF (3)	21	●				0.43	0.40	54	0.34	2.94
	Grey – air – LOF, grille	18					0.38	0.36	54	0.34	2.94
	Grey – argon – LOF (3)	25	●	●			0.43	0.40	57	0.31	3.23
	Grey – argon – LOF, grille	22	●				0.38	0.36	57	0.31	3.23
	Grey – argon/krypton – LOF (3)	25	●	●			0.43	0.40	57	0.31	3.23
	Grey – argon/krypton – LOF, grille	22	●				0.38	0.36	57	0.31	3.23
	366 – air – clear (2)	13	●				0.22	0.50	57	0.31	3.23
	366 – air – clear, grille	12					0.20	0.45	57	0.31	3.23
	366 – argon – clear (2)	17	●	●			0.21	0.50	60	0.27	3.70
366 – argon – clear, grille	16	●				0.19	0.45	60	0.27	3.70	
366 – argon/krypton – clear (2)	17	●	●			0.21	0.50	60	0.27	3.70	
366 – argon/krypton – clear, grille	16	●				0.19	0.45	60	0.27	3.70	

Centre of Glass	
"U" Value (Imperial)	"R" Value (Imperial)
0.480	2.08
0.480	2.08
0.337	2.97
0.337	2.97
0.297	3.37
0.297	3.37
0.297	3.37
0.297	3.37
0.480	2.08
0.480	2.08
0.455	2.20
0.455	2.20
0.455	2.20
0.455	2.20
0.335	2.99
0.335	2.99
0.294	3.40
0.294	3.40
0.294	3.40
0.294	3.40
0.480	2.08
0.480	2.08
0.455	2.20
0.455	2.20
0.455	2.20
0.335	2.99
0.335	2.99
0.294	3.40
0.294	3.40
0.294	3.40
0.294	3.40
0.291	3.44
0.291	3.44
0.243	4.12
0.243	4.12
0.243	4.12
0.243	4.12

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A			B	C	D	(Imperial)				(Imperial)	
Single Slider Liftout #1372 CAN/CSA A440-00 Evaluation Report # 3093743-1 Air - A2/Fixed Water - B4 Structural - C3 Forced Entry - F20 Evaluation Report # 3093743-2 (additional reinforcement-top rail) Air - A2/Fixed Water - B4 Structural - C5 Forced Entry - F20	TRIPLE LITE										
	Clear – argon – clear – argon – LOF (5)	32	●	●	●		0.54	0.55	59	0.30	3.33
	Clear – argon – LOF – argon – LOF (3&5)	36	●	●	●	●	0.51	0.52	62	0.26	3.85
	Clear – argon/krypton – clear – argon/krypton – LOF (5)	34	●	●	●	●	0.54	0.55	60	0.29	3.45
	Clear – argon/krypton – LOF – argon/krypton – LOF (3&5)	36	●	●	●	●	0.51	0.52	63	0.26	3.85
	Clear – krypton – clear – krypton – LOF (5)	38	●	●	●	●	0.54	0.55	63	0.25	4.00
	Clear – krypton – LOF – krypton – LOF (3&5)	40	●	●	●	●	0.51	0.52	67	0.22	4.55
	Bronze – argon – clear – argon – clear	22	●				0.44	0.44	55	0.34	2.94
	Bronze – argon/krypton – clear – argon/krypton – clear	22	●				0.44	0.44	56	0.34	2.94
	Bronze – krypton – clear – krypton – clear	25	●	●			0.43	0.44	59	0.31	3.23
	Bronze – argon – clear – argon – LOF (5)	25	●	●			0.40	0.40	59	0.29	3.45
	Bronze – argon/krypton – clear – argon/krypton – LOF (5)	25	●	●			0.40	0.40	59	0.29	3.45
	Bronze – krypton – clear – krypton – LOF (5)	30	●	●	●		0.40	0.40	63	0.25	4.00
	Bronze – argon – LOF – argon – LOF (3&5)	27	●	●			0.37	0.37	61	0.26	3.85
	Bronze – argon/krypton – LOF – argon/krypton – LOF (3&5)	27	●	●			0.37	0.37	62	0.26	3.85
	Bronze – krypton – LOF – krypton – LOF (3&5)	32	●	●	●		0.37	0.37	65	0.22	4.55
	Grey – argon – clear – argon – clear	20					0.42	0.40	55	0.34	2.94
	Grey – argon/krypton – clear – argon/krypton – clear	20					0.42	0.40	56	0.34	2.94
	Grey – krypton – clear – krypton – clear	24	●				0.41	0.40	59	0.31	3.23
	Grey – argon – clear – argon – LOF (5)	24	●				0.38	0.36	59	0.29	3.45
	Grey – argon/krypton – clear – argon/krypton – LOF (5)	24	●				0.38	0.36	59	0.29	3.45
	Grey – krypton – clear – krypton – LOF (5)	29	●	●	●		0.38	0.36	63	0.25	4.00
	Grey – argon – LOF – argon – LOF (3&5)	27	●	●			0.36	0.34	61	0.26	3.85
	Grey – argon/krypton – LOF – argon/krypton – LOF (3&5)	27	●	●			0.36	0.34	62	0.26	3.85
	Grey – krypton – LOF – krypton – LOF (3&5)	31	●	●	●		0.35	0.34	65	0.22	4.55
	366 – argon – clear – argon – clear (2)	15	●				0.20	0.46	61	0.28	3.57
	366 – argon/krypton – clear – argon/krypton – clear (2)	16	●				0.20	0.46	61	0.27	3.70
	366 – krypton – clear – krypton – clear (2)	21	●	●	●		0.20	0.46	65	0.23	4.35

Centre of Glass	
"U" Value (Imperial)	"R" Value (Imperial)
0.271	3.69
0.228	4.39
0.264	3.79
0.220	4.55
0.210	4.76
0.165	6.06
0.339	2.95
0.334	2.99
0.294	3.40
0.270	3.70
0.262	3.82
0.209	4.78
0.226	4.42
0.218	4.59
0.163	6.13
0.339	2.95
0.334	2.99
0.294	3.40
0.270	3.70
0.262	3.82
0.209	4.78
0.226	4.42
0.218	4.59
0.163	6.13
0.250	4.00
0.241	4.15
0.180	5.56