

## 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)
<b>3-Lite Single Slider Liftout #1374</b>  CAN/CSA A440-00 Evaluation Report # 3186469TOR-002C 3Lite SLO  Air - A3/Fixed Water - B3 Structural - C3 Forced Entry - F20	<b>DUAL LITE</b>										
	Clear – air – clear	18					0.60	0.63	48	0.45	2.22
	Clear – air – clear, grille	15					0.54	0.57	48	0.45	2.22
	Clear – air – LOF (3)	31	●	●	●		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)	35	●	●	●	●	0.59	0.60	57	0.31	3.23
	Clear – argon – LOF, grille	31	●	●	●		0.53	0.54	57	0.31	3.23
	Clear – argon/krypton – LOF (3)	35	●	●	●	●	0.59	0.60	57	0.31	3.23
	Clear – argon/krypton – LOF, grille	31	●	●	●		0.53	0.54	57	0.31	3.23
	Bronze – air – clear	12					0.49	0.48	44	0.45	2.22
	Bronze – air – clear, grille	9					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)	23	●				0.45	0.44	54	0.34	2.94
	Bronze – air – LOF, grille	20					0.40	0.39	54	0.34	2.94
	Bronze – argon – LOF (3)	27	●	●			0.45	0.44	57	0.31	3.23
	Bronze – argon – LOF, grille	24	●				0.40	0.39	57	0.31	3.23
	Bronze – argon/krypton – LOF (3)	27	●	●			0.45	0.44	57	0.31	3.23
	Bronze – argon/krypton – LOF, grille	24	●				0.40	0.39	57	0.31	3.23
	Grey – air – clear	11					0.47	0.43	44	0.45	2.22
	Grey – air – clear, grille	8					0.42	0.39	44	0.45	2.22
	Grey – argon – clear	13					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	13					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)	22	●				0.43	0.40	54	0.34	2.94
	Grey – air – LOF, grille	19					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	23	●				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	23	●				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)	18	●	●			0.21	0.50	60	0.27	3.70
366 – argon – clear, grille	17	●	●			0.19	0.45	60	0.27	3.70	
366 – argon/krypton – clear (2)	18	●	●			0.21	0.50	60	0.27	3.70	
366 – argon/krypton – clear, grille	17	●	●			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
0.455	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
0.455	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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<b>3-Lite Single Slider Liftout #1374</b>  CAN/CSA A440-00 Evaluation Report # 3186469TOR-002C 3Lite SLO  Air - A3/Fixed Water - B3 Structural - C3 Forced Entry - F20	<b>TRIPLE LITE</b>										
	Clear – argon – clear – argon – LOF (5)	33	●	●	●		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)	39	●	●	●	●	0.54	0.55	63	0.25	4.00
	Clear – krypton – LOF – krypton – LOF (3&5)	41	●	●	●	●	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)	26	●	●			0.40	0.40	59	0.29	3.45
	Bronze – argon/krypton – clear – argon/krypton – LOF (5)	26	●	●			0.40	0.40	59	0.29	3.45
	Bronze – krypton – clear – krypton – LOF (5)	31	●	●	●		0.40	0.40	63	0.25	4.00
	Bronze – argon – LOF – argon – LOF (3&5)	28	●	●			0.37	0.37	61	0.26	3.85
	Bronze – argon/krypton – LOF – argon/krypton – LOF (3&5)	28	●	●			0.37	0.37	62	0.26	3.85
	Bronze – krypton – LOF – krypton – LOF (3&5)	33	●	●	●		0.37	0.37	65	0.22	4.55
	Grey – argon – clear – argon – clear	21	●				0.42	0.40	55	0.34	2.94
	Grey – argon/krypton – clear – argon/krypton – clear	21	●				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)	25	●	●			0.38	0.36	59	0.29	3.45
	Grey – argon/krypton – clear – argon/krypton – LOF (5)	25	●	●			0.38	0.36	59	0.29	3.45
	Grey – krypton – clear – krypton – LOF (5)	30	●	●	●		0.38	0.36	63	0.25	4.00
	Grey – argon – LOF – argon – LOF (3&5)	28	●	●			0.36	0.34	61	0.26	3.85
	Grey – argon/krypton – LOF – argon/krypton – LOF (3&5)	28	●	●			0.36	0.34	62	0.26	3.85
	Grey – krypton – LOF – krypton – LOF (3&5)	32	●	●	●		0.35	0.34	65	0.22	4.55
	366 – argon – clear – argon – clear (2)	16	●				0.20	0.46	61	0.28	3.57
	366 – argon/krypton – clear – argon/krypton – clear (2)	17	●	●			0.20	0.46	61	0.27	3.70
	366 – krypton – clear – krypton – clear (2)	22	●	●	●		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