

## 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/m <sup>2</sup> -K	(Imperial) Btu/h/ft <sup>2</sup> -°F	(Imperial)
<b>DUAL LITE</b>												
<b>Single Slider Liftout #1372</b>  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	Clear – air – clear	17					0.60	0.63	48	2.56	0.45	2.22
	Clear – air – clear, grille	13					0.54	0.57	48	2.56	0.45	2.22
	Clear – air – LOF (3)	30	•	•	•		0.59	0.60	54	1.93	0.34	2.94
	Clear – air – LOF, grille	27	•	•			0.53	0.54	54	1.93	0.34	2.94
	Clear – argon – LOF (3)	34	•	•	•	•	0.59	0.60	57	1.76	0.31	3.23
	Clear – argon – LOF, grille	30	•	•	•		0.53	0.54	57	1.76	0.31	3.23
	Clear – argon/krypton – LOF (3)	34	•	•	•	•	0.59	0.60	57	1.76	0.31	3.23
	Clear – argon/krypton – LOF, grille	30	•	•	•		0.53	0.54	57	1.76	0.31	3.23
	Bronze – air – clear	11					0.49	0.48	44	2.56	0.45	2.22
	Bronze – air – clear, grille	8					0.44	0.43	44	2.56	0.45	2.22
	Bronze – argon – clear	14					0.49	0.48	46	2.44	0.43	2.33
	Bronze – argon – clear, grille	11					0.44	0.43	46	2.44	0.43	2.33
	Bronze – argon/krypton – clear	14					0.49	0.48	46	2.44	0.43	2.33
	Bronze – argon/krypton – clear, grille	11					0.44	0.43	46	2.44	0.43	2.33
	Bronze – air – LOF (3)	22	•				0.45	0.44	54	1.93	0.34	2.94
	Bronze – air – LOF, grille	19					0.40	0.39	54	1.93	0.34	2.94
	Bronze – argon – LOF (3)	26	•	•			0.45	0.44	57	1.76	0.31	3.23
	Bronze – argon – LOF, grille	23	•				0.40	0.39	57	1.76	0.31	3.23
	Bronze – argon/krypton – LOF (3)	26	•	•			0.45	0.44	57	1.76	0.31	3.23
	Bronze – argon/krypton – LOF, grille	23	•				0.40	0.39	57	1.76	0.31	3.23
	Grey – air – clear	10					0.47	0.43	44	2.56	0.45	2.22
	Grey – air – clear, grille	7					0.42	0.39	44	2.56	0.45	2.22
	Grey – argon – clear	12					0.47	0.43	46	2.44	0.43	2.33
	Grey – argon – clear, grille	10					0.42	0.39	46	2.44	0.43	2.33
	Grey – argon/krypton – clear	12					0.47	0.43	46	2.44	0.43	2.33
	Grey – argon/krypton – clear, grille	10					0.42	0.39	46	2.44	0.43	2.33
	Grey – air – LOF (3)	21	•				0.43	0.40	54	1.93	0.34	2.94
	Grey – air – LOF, grille	18					0.38	0.36	54	1.93	0.34	2.94
	Grey – argon – LOF (3)	25	•	•			0.43	0.40	57	1.76	0.31	3.23
	Grey – argon – LOF, grille	22	•				0.38	0.36	57	1.76	0.31	3.23
	Grey – argon/krypton – LOF (3)	25	•	•			0.43	0.40	57	1.76	0.31	3.23
	Grey – argon/krypton – LOF, grille	22	•				0.38	0.36	57	1.76	0.31	3.23
	366 – air – clear (2)	13	•				0.22	0.50	57	1.76	0.31	3.23
366 – air – clear, grille	12					0.20	0.45	57	1.76	0.31	3.23	
366 – argon – clear (2)	17	•	•			0.21	0.50	60	1.53	0.27	3.70	
366 – argon – clear, grille	16	•				0.19	0.45	60	1.53	0.27	3.70	
366 – argon/krypton – clear (2)	17	•	•			0.21	0.50	60	1.53	0.27	3.70	
366 – argon/krypton – clear, grille	16	•				0.19	0.45	60	1.53	0.27	3.70	

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			A	B	C	D				(Metric) W/m <sup>2</sup> ·K	(Imperial) Btu/h/ft <sup>2</sup> ·°F	(Imperial)
<b>Single Slider Liftout #1372</b>	<b>TRIPLE LITE</b>											
	Clear – argon – clear – argon – LOF (5)	32	●	●	●		0.54	0.55	59	1.70	0.30	3.33
	Clear – argon – LOF – argon – LOF (3&5)	36	●	●	●	●	0.51	0.52	62	1.48	0.26	3.85
CAN/CSA A440-00	Clear – argon/krypton – clear – argon/krypton – LOF (5)	34	●	●	●	●	0.54	0.55	60	1.65	0.29	3.45
Evaluation Report # 3093743-1	Clear – argon/krypton – LOF – argon/krypton – LOF (3&5)	36	●	●	●	●	0.51	0.52	63	1.48	0.26	3.85
Air - A2/Fixed	Clear – krypton – clear – krypton – LOF (5)	38	●	●	●	●	0.54	0.55	63	1.42	0.25	4.00
Water - B4	Clear – krypton – LOF – krypton – LOF (3&5)	40	●	●	●	●	0.51	0.52	67	1.25	0.22	4.55
Structural - C3	Bronze – argon – clear – argon – clear	22	●				0.44	0.44	55	1.93	0.34	2.94
Forced Entry - F20	Bronze – argon/krypton – clear – argon/krypton – clear	22	●				0.44	0.44	56	1.93	0.34	2.94
	Bronze – krypton – clear – krypton – clear	25	●	●			0.43	0.44	59	1.76	0.31	3.23
	Bronze – argon – clear – argon – LOF (5)	25	●	●			0.40	0.40	59	1.65	0.29	3.45
Evaluation Report # 3093743-2 (additional reinforcement-top rail)	Bronze – argon/krypton – clear – argon/krypton – LOF (5)	25	●	●			0.40	0.40	59	1.65	0.29	3.45
Air - A2/Fixed	Bronze – krypton – clear – krypton – LOF (5)	30	●	●	●		0.40	0.40	63	1.42	0.25	4.00
Water - B4	Bronze – argon – LOF – argon – LOF (3&5)	27	●	●			0.37	0.37	61	1.48	0.26	3.85
Structural - C5	Bronze – argon/krypton – LOF – argon/krypton – LOF (3&5)	27	●	●			0.37	0.37	62	1.48	0.26	3.85
Forced Entry - F20	Bronze – krypton – LOF – krypton – LOF (3&5)	32	●	●	●		0.37	0.37	65	1.25	0.22	4.55
	Grey – argon – clear – argon – clear	20					0.42	0.40	55	1.93	0.34	2.94
	Grey – argon/krypton – clear – argon/krypton – clear	20					0.42	0.40	56	1.93	0.34	2.94
	Grey – krypton – clear – krypton – clear	24	●				0.41	0.40	59	1.76	0.31	3.23
	Grey – argon – clear – argon – LOF (5)	24	●				0.38	0.36	59	1.65	0.29	3.45
	Grey – argon/krypton – clear – argon/krypton – LOF (5)	24	●				0.38	0.36	59	1.65	0.29	3.45
	Grey – krypton – clear – krypton – LOF (5)	29	●	●	●		0.38	0.36	63	1.42	0.25	4.00
	Grey – argon – LOF – argon – LOF (3&5)	27	●	●			0.36	0.34	61	1.48	0.26	3.85
	Grey – argon/krypton – LOF – argon/krypton – LOF (3&5)	27	●	●			0.36	0.34	62	1.48	0.26	3.85
	Grey – krypton – LOF – krypton – LOF (3&5)	31	●	●	●		0.35	0.34	65	1.25	0.22	4.55
	366 – argon – clear – argon – clear (2)	15	●				0.20	0.46	61	1.59	0.28	3.57
	366 – argon/krypton – clear – argon/krypton – clear (2)	16	●				0.20	0.46	61	1.53	0.27	3.70
	366 – krypton – clear – krypton – clear (2)	21	●	●	●		0.20	0.46	65	1.31	0.23	4.35