

## ENERGY RATINGS - CANADA

Window Style (Model)	Energy Rating (ER) Canadian Energy Star Program										Centre of Glass		
	Glass Options	ER	Energy Star Zone				SHGC	Visible Transmittance	Condensation Resistance	"U" Value	"R" Value	"U" Value (Imperial)	"R" Value (Imperial)
			A	B	C	D				(Imperial)	(Imperial)		
<b>Double Slider Tilt #1272</b>  CAN/CSA A440-00 Evaluation Report # 3008057-5  Air - A2 Water -B2 Structural - C5 Forced Entry - F10	<b>DUAL LITE</b>												
	Clear – air – clear	16					0.58	0.61	48	0.44	2.27	0.480	2.08
	Clear – air – clear, grille	12					0.52	0.55	48	0.44	2.27	0.480	2.08
	Clear – air – LOF (3)	29	●	●	●		0.57	0.58	54	0.34	2.94	0.337	2.97
	Clear – air – LOF, grille	25	●	●			0.51	0.51	54	0.34	2.94	0.337	2.97
	Clear – argon – LOF (3)	33	●	●	●		0.57	0.58	57	0.31	3.23	0.297	3.37
	Clear – argon – LOF, grille	29	●	●	●		0.51	0.51	57	0.31	3.23	0.297	3.37
	Clear – argon/krypton – LOF (3)	33	●	●	●		0.57	0.58	58	0.31	3.23	0.297	3.37
	Clear – argon/krypton – LOF, grille	29	●	●	●		0.51	0.51	58	0.31	3.23	0.297	3.37
	Bronze – air – clear	9					0.47	0.46	45	0.45	2.22	0.480	2.08
	Bronze – air – clear, grille	6					0.42	0.41	45	0.45	2.22	0.480	2.08
	Bronze – argon – clear	12					0.47	0.46	46	0.43	2.33	0.455	2.20
	Bronze – argon – clear, grille	9					0.42	0.41	46	0.43	2.33	0.455	2.20
	Bronze – argon/krypton – clear	12					0.47	0.46	46	0.43	2.33	0.455	2.20
	Bronze – argon/krypton – clear, grille	9					0.42	0.41	46	0.43	2.33	0.455	2.20
	Bronze – air – LOF (3)	21	●				0.43	0.42	54	0.34	2.94	0.335	2.99
	Bronze – air – LOF, grille	19					0.39	0.38	54	0.34	2.94	0.335	2.99
	Bronze – argon – LOF (3)	25	●	●			0.43	0.42	58	0.31	3.23	0.294	3.40
	Bronze – argon – LOF, grille	22	●				0.39	0.38	58	0.31	3.23	0.294	3.40
	Bronze – argon/krypton – LOF (3)	25	●	●			0.43	0.42	58	0.31	3.23	0.294	3.40
	Bronze – argon/krypton – LOF, grille	22	●				0.39	0.38	58	0.31	3.23	0.294	3.40
	Grey – air – clear	8					0.45	0.42	45	0.45	2.22	0.480	2.08
	Grey – air – clear, grille	5					0.40	0.37	45	0.45	2.22	0.480	2.08
	Grey – argon – clear	11					0.45	0.42	46	0.43	2.33	0.455	2.20
	Grey – argon – clear, grille	8					0.40	0.37	46	0.43	2.33	0.455	2.20
	Grey – argon/krypton – clear	11					0.45	0.42	46	0.43	2.33	0.455	2.20
	Grey – argon/krypton – clear, grille	8					0.40	0.37	46	0.43	2.33	0.455	2.20
	Grey – air – LOF (3)	19					0.41	0.38	54	0.34	2.94	0.335	2.99
	Grey – air – LOF, grille	17					0.37	0.34	54	0.34	2.94	0.335	2.99
	Grey – argon – LOF (3)	23	●				0.41	0.38	58	0.31	3.23	0.294	3.40
	Grey – argon – LOF, grille	21	●				0.37	0.34	58	0.31	3.23	0.294	3.40
	Grey – argon/krypton – LOF (3)	23	●				0.41	0.38	58	0.31	3.23	0.294	3.40
	Grey – argon/krypton – LOF, grille	21	●				0.37	0.34	58	0.31	3.23	0.294	3.40
	366 – air – clear (2)	12					0.21	0.48	57	0.31	3.23	0.291	3.44
	366 – air – clear, grille	10					0.19	0.43	57	0.31	3.23	0.291	3.44
	366 – argon – clear (2)	16	●				0.21	0.48	61	0.28	3.57	0.243	4.12
366 – argon – clear, grille	14	●				0.19	0.43	61	0.28	3.57	0.243	4.12	
366 – argon/krypton – clear (2)	16	●				0.21	0.48	61	0.28	3.57	0.243	4.12	
366 – argon/krypton – clear, grille	14	●				0.19	0.43	61	0.28	3.57	0.243	4.12	

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	Glass Options	ER	Energy Star Zone				SHGC	Visible Transmittance	Condensation Resistance	"U" Value	"R" Value
A			B	C	D	(Imperial)				(Imperial)	
<b>Double Slider Tilt #1272</b>  CAN/CSA A440-00 Evaluation Report # 3008057-5  Air - A2 Water -B2 Structural - C5 Forced Entry - F10	<b>TRIPLE LITE</b>										
	Clear – argon – clear – argon – LOF (5)	31	●	●	●		0.52	0.53	60	0.30	3.33
	Clear – argon – LOF – argon – LOF (3&5)	34	●	●	●	●	0.49	0.50	63	0.26	3.85
	Clear – argon/krypton – clear – argon/krypton – LOF (5)	32	●	●	●		0.52	0.53	61	0.29	3.45
	Clear – argon/krypton – LOF – argon/krypton – LOF (3&5)	34	●	●	●	●	0.49	0.50	64	0.26	3.85
	Clear – krypton – clear – krypton – LOF (5)	37	●	●	●	●	0.52	0.53	64	0.25	4.00
	Clear – krypton – LOF – krypton – LOF (3&5)	39	●	●	●	●	0.49	0.50	68	0.22	4.55
	Bronze – argon – clear – argon – clear	19					0.42	0.42	55	0.35	2.86
	Bronze – argon/krypton – clear – argon/krypton – clear	20					0.42	0.42	56	0.34	2.94
	Bronze – krypton – clear – krypton – clear	24	●				0.42	0.42	59	0.31	3.23
	Bronze – argon – clear – argon – LOF (5)	23	●				0.38	0.39	60	0.30	3.33
	Bronze – argon/krypton – clear – argon/krypton – LOF (5)	24	●				0.38	0.39	61	0.29	3.45
	Bronze – krypton – clear – krypton – LOF (5)	29	●	●	●		0.38	0.39	64	0.25	4.00
	Bronze – argon – LOF – argon – LOF (3&5)	27	●	●			0.36	0.35	63	0.26	3.85
	Bronze – argon/krypton – LOF – argon/krypton – LOF (3&5)	27	●	●			0.36	0.35	64	0.26	3.85
	Bronze – krypton – LOF – krypton – LOF (3&5)	32	●	●	●		0.36	0.35	68	0.22	4.55
	Grey – argon – clear – argon – clear	18					0.40	0.38	55	0.35	2.86
	Grey – argon/krypton – clear – argon/krypton – clear	19					0.40	0.38	56	0.34	2.94
	Grey – krypton – clear – krypton – clear	23	●				0.40	0.38	59	0.31	3.23
	Grey – argon – clear – argon – LOF (5)	22	●				0.37	0.35	60	0.30	3.33
	Grey – argon/krypton – clear – argon/krypton – LOF (5)	24	●				0.37	0.35	61	0.29	3.45
	Grey – krypton – clear – krypton – LOF (5)	28	●	●	●		0.36	0.35	64	0.25	4.00
	Grey – argon – LOF – argon – LOF (3&5)	26	●	●			0.34	0.32	63	0.26	3.85
	Grey – argon/krypton – LOF – argon/krypton – LOF (3&5)	26	●	●			0.34	0.32	64	0.26	3.85
	Grey – krypton – LOF – krypton – LOF (3&5)	31	●	●	●		0.34	0.32	68	0.22	4.55
	366 – argon – clear – argon – clear (2)	15	●				0.20	0.44	62	0.28	3.57
	366 – argon/krypton – clear – argon/krypton – clear (2)	16	●				0.20	0.44	62	0.27	3.70
	366 – krypton – clear – krypton – clear (2)	21	●	●	●		0.19	0.44	66	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