



OUT-SWING DOOR

GLAZING PERFORMANCE - TOTAL UNIT

Aluminum-Clad Exterior



Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)			Gap Fill	Performance Values ¹				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown									
			Ext.	Mid	Int.		U-Factor ¹	SHGC	VLT	CR	U. S.			Canada ²						
											Zone	ER	Zone	1	2	3				
TRIPLE-PANE GLAZING WITH REMOVABLE OR NO GRILLES											N	NC	SC	S						
5/8"	Clear	PEL-N-15-02038-00001	3	3	3	air	0.32	0.38	0.40	61										
5/8"	Advanced Low-E IG	PEL-N-15-02050-00001	3	3	3	argon	0.25	0.19	0.34	67	■	■	■	■	17	■	■			
5/8"	SunDefense™ Low-E IG	PEL-N-15-02042-00001	3	3	3	argon	0.25	0.14	0.31	67	■	■	■	■	14	■	■			
5/8"	SunDefense™ Low-E IG	PEL-N-15-02045-00001	4	4	4	argon	0.26	0.14	0.31	67	■	■	■	■	14	■	■			
5/8"	AdvancedComfort Low-E IG	PEL-N-15-02094-00001	3	3	3	argon	0.24	0.19	0.33	67	■	■	■	■	20	■	■			
5/8"	NaturalSun Low-E IG	PEL-N-15-02082-00001	3	3	3	argon	0.26	0.34	0.38	67	■	■			25	■				
TINTED GLAZING																				
5/8"	Bronze Advanced Low-E IG	PEL-N-15-02058-00001	5	3	3	argon	0.26	0.17	0.22	67	■	■	■	■	15	■				
5/8"	Gray Advanced Low-E IG	PEL-N-15-02066-00001	5	3	3	argon	0.26	0.15	0.19	67	■	■	■	■	14	■				
5/8"	Green Advanced Low-E IG	PEL-N-15-02074-00001	5	3	3	argon	0.26	0.19	0.30	67	■	■	■	■	14	■				
HIGH ALTITUDE GLAZING																				
5/8"	Advanced Low-E IG	PEL-N-15-02054-00001	3	3	3	air	0.27	0.19	0.34	67	■	■	■	■	15	■				
5/8"	Advanced Low-E IG	PEL-N-15-02057-00001	4	4	4	air	0.28	0.19	0.33	66	■	■	■	■	15	■				
5/8"	SunDefense™ Low-E IG	PEL-N-15-02046-00001	3	3	3	air	0.27	0.15	0.31	67	■	■	■	■	15	■				
5/8"	SunDefense™ Low-E IG	PEL-N-15-02049-00001	4	4	4	air	0.28	0.15	0.31	66	■	■	■	■	15	■				
5/8"	AdvancedComfort Low-E IG	PEL-N-15-02090-00001	3	3	3	air	0.25	0.19	0.33	67	■	■	■	■	17	■	■			
5/8"	NaturalSun Low-E IG	PEL-N-15-02086-00001	3	3	3	air	0.28	0.34	0.38	67	■	■			22	■				
5/8"	NaturalSun Low-E IG	PEL-N-15-02089-00001	4	4	4	air	0.29	0.32	0.38	66	■	■								

R-Value = 1/U-Factor
 SHGC = Solar Heat Gain Coefficient
 VLT % = Visible Light Transmission
 CR = Condensation Resistance
 ER = Canadian Energy Rating

(1) Glazing performance values are calculated based on NFRC 100, NFRC 200 and NFRC 500. ENERGY STAR® values are updated to 2016 (Version 6) criteria.

(2) The values shown are based on Canada's updated ENERGY STAR® 2015 initiative.

U-Factor values shown are based on a standard sill and pine interior.

For center-glass values, see the Product Performance section.

See the Product Performance section for more detailed information or visit www.energystar.gov for Energy Star guidelines.

