

Thermal Performance Data


Premium Coastal Awning Windows (1210)

WEATHER SHIELD.
WINDOWS & DOORS

ENERGY PERFORMANCE DATA									
NFRC Total Unit Calculations ^a									
Grille Option	Glazing thickness	Glazing Option	CPD #	U Value	Solar Heat Gain Coefficient	Visible Light Transmittance	Condensation Resistance Rating	ENERGY STAR	
								US ENERGY STAR V 6.0	
								N	NC
Insulated Impact									
No GIA or SDL	1"	Clear Insul	WEA-N-287-00980-00001	0.44	0.49	0.54	43		
	1"	Insul Low-E 272	WEA-N-287-00981-00001	0.33	0.28	0.47	53		
	1"	Insul Low E 272 w/Argon	WEA-N-287-00982-00001	0.30	0.28	0.47	56	Y	
	1"	Insul Low E 340	WEA-N-287-00985-00001	0.32	0.13	0.26	53		Y
	1"	insul Low E 340 w/Argon	WEA-N-287-00986-00001	0.30	0.13	0.26	56	Y	Y
	1"	Insul Low-E 240	WEA-N-287-00987-00001	0.33	0.18	0.26	52		Y
	1"	Insul Low-E 240 w/Argon	WEA-N-287-00988-00001	0.30	0.17	0.26	55	Y	Y
	1"	Insul Low E 366 w/Argon	WEA-N-287-00984-00001	0.29	0.19	0.43	56	Y	Y
Less Than 1" GIA or SDL	1"	Clear Insul	WEA-N-287-00980-00002	0.44	0.45	0.49	43		
	1"	Insul Low-E 272	WEA-N-287-00981-00002	0.33	0.26	0.43	53		
	1"	Insul Low E 272 w/Argon	WEA-N-287-00982-00002	0.30	0.26	0.43	56	Y	
	1"	Insul Low E 340	WEA-N-287-00985-00002	0.32	0.12	0.23	53		Y
	1"	insul Low E 340 w/Argon	WEA-N-287-00986-00002	0.30	0.12	0.23	56	Y	Y
	1"	Insul Low-E 240	WEA-N-287-00987-00002	0.33	0.16	0.23	52		Y
	1"	Insul Low-E 240 w/Argon	WEA-N-287-00988-00002	0.30	0.16	0.23	55	Y	Y
	1"	Insul Low E 366 w/Argon	WEA-N-287-00984-00002	0.29	0.18	0.39	56	Y	Y
1" Or Over GIA or SDL	1"	Clear Insul	WEA-N-287-00980-00003	0.44	0.40	0.44	43		
	1"	Insul Low-E 272	WEA-N-287-00981-00003	0.33	0.23	0.39	53		Y
	1"	Insul Low E 272 w/Argon	WEA-N-287-00982-00003	0.30	0.23	0.39	56	Y	Y
	1"	Insul Low E 340	WEA-N-287-00985-00003	0.32	0.11	0.21	53		Y
	1"	insul Low E 340 w/Argon	WEA-N-287-00986-00003	0.30	0.11	0.21	56	Y	Y
	1"	Insul Low-E 240	WEA-N-287-00987-00003	0.33	0.15	0.21	52		Y
	1"	Insul Low-E 240 w/Argon	WEA-N-287-00988-00003	0.30	0.15	0.21	55	Y	Y
	1"	Insul Low E 366 w/Argon	WEA-N-287-00984-00003	0.29	0.16	0.35	56	Y	Y

^a Total Unit calculations are derived from computer simulations that are then verified by 3rd party testing in accordance with NFRC 100, NFRC 200, and NFRC 500.

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US Qualification Criteria	Climate Zone	U-Factor	*SHGC	
 <p>As of January 2016</p>	Northern	<=0.27	Any	Prescriptive
		=0.28	>=0.32	Equivalent Energy Performance
		=0.29	>=0.37	
		=0.30	>=0.42	
	North-Central	<=0.30	<=0.40	
	South-Central	<=0.30	<=0.25	
Southern	<=0.40	<=0.25		

* SHGC = Solar Heat Gain Coefficient
Air Leakage <= 0.3 cfm/ft²