

Thermal Performance Data

Premium Coastal SG Awning Windows (1209)

WEATHER SHIELD.

WINDOWS & DOORS

Revised 1/31/25

ENERGY PERFORMANCE DATA								ENERGY STAR			
NFRC Total Unit Calculations ^a								US ENERGY STAR V 7.0			
Grille Option	Glazing thickness	Glazing Option	CPD #	U Value	Solar Heat Gain Coefficient	Visible Light Transmittance	Condensation Resistance Rating	N	NC	SC	S
Single Glaze Impact											
No SDL	7/16"	Clear	WEA-N-287-01168-00001	0.79	0.51	0.59	15				
	7/16"	Gray Tint	WEA-N-287-01181-00002	0.80	0.38	0.29	15				
	7/16"	Low-E 340	WEA-N-287-01170-00001	0.79	0.21	0.25	15				
	7/16"	Low-E 366	WEA-N-287-01169-00001	0.79	0.25	0.42	15				
	7/16"	Low-E 366 Gray	WEA-N-287-01169-00002	0.79	0.26	0.24	15				

^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.

US Qualification Criteria	Climate Zone	U-Factor	*SHGC	
<p>Energy Star Version 7.0 Starting October 2023</p>	Northern	<=0.22	>=0.17	Prescriptive
		=0.23	>=0.35	Equivalent Energy Performance
		=0.24		
		=0.25		
	0.26	>=0.40		
	North-Central	<=0.25	<=0.40	
South-Central	<=0.28	<=0.23		
Southern	<=0.32	<=0.23		

* SHGC = Solar Heat Gain Coefficient