


# Thermal Performance Data


Premium Coastal SG Casement Windows (1209)  
*Operating windows*

**WEATHER SHIELD.**  
**WINDOWS & DOORS**

Revised 1/31/25

ENERGY PERFORMANCE DATA										
NFRC Total Unit Calculations <sup>a</sup>										
Grille Option	Glazing thickness	Glazing Option	CPD #	U Value	Solar Heat Gain Coefficient	Visible Light Transmittance	Condensation Resistance Rating	 US ENERGY STAR V 7.0 N NC SC S		
Single Glaze Impact										
No SDL	7/16"	Clear	WEA-N-286-01336-00001	0.76	0.51	0.59	15			
	7/16"	Gray Tint	WEA-N-286-01336-00002	0.76	0.40	0.33	15			
	7/16"	Low-E 340	WEA-N-286-01338-00001	0.76	0.21	0.25	15			
	7/16"	Low-E 366	WEA-N-286-01337-00001	0.76	0.25	0.42	15			
	7/16"	Low-E 366 Gray	WEA-N-286-01337-00002	0.76	0.26	0.24	15			

<sup>a</sup> 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	
 Energy Star Version 7.0 Starting October 2023	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