


# Thermal Performance Data

Premium Coastal Casement Windows (1209)

Operating windows


**WEATHER SHIELD.**

**WINDOWS & DOORS**

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 6.0 N NC SC S		
<b>Single Glaze Impact</b>										
No SDL	7/16"	Clear - PVB	WEA-N-286-01035-00001	0.77	0.52	0.60	15			
	7/16"	Low-E 340 - PVB	WEA-N-286-01037-00001	0.78	0.20	0.25	14			
	7/16"	Low-E 366 - PVB	WEA-N-286-01036-00001	0.77	0.24	0.42	15			
	7/16"	Clear - SGP	WEA-N-286-01038-00001	0.78	0.54	0.60	14			
	7/16"	Low-E 340 - SGP	WEA-N-286-01040-00001	0.79	0.20	0.25	14			
	7/16"	Low-E 366 - SGP	WEA-N-286-01039-00001	0.78	0.24	0.42	14			
Less Than 1" SDL	7/16"	Clear - PVB	WEA-N-286-01035-00002	0.77	0.48	0.54	15			
	7/16"	Low-E 340 - PVB	WEA-N-286-01037-00002	0.78	0.18	0.23	14			
	7/16"	Low-E 366 - PVB	WEA-N-286-01036-00002	0.77	0.22	0.38	15			
	7/16"	Clear - SGP	WEA-N-286-01038-00002	0.78	0.49	0.54	14			
	7/16"	Low-E 340 - SGP	WEA-N-286-01040-00002	0.79	0.18	0.23	14			
	7/16"	Low-E 366 - SGP	WEA-N-286-01039-00002	0.78	0.22	0.38	14			
1" Or Over SDL	7/16"	Clear - PVB	WEA-N-286-01035-00003	0.77	0.43	0.49	15			
	7/16"	Low-E 340 - PVB	WEA-N-286-01037-00003	0.78	0.17	0.21	14			
	7/16"	Low-E 366 - PVB	WEA-N-286-01036-00003	0.77	0.20	0.34	15			
	7/16"	Clear - SGP	WEA-N-286-01038-00003	0.78	0.44	0.49	14			
	7/16"	Low-E 340 - SGP	WEA-N-286-01040-00003	0.79	0.17	0.21	14			
	7/16"	Low-E 366 = SGP	WEA-N-286-01039-00003	0.78	0.20	0.34	14			

<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.

Revised 5/31/19

US Qualification Criteria	Climate Zone	U-Factor	*SHGC	
 As of January 2016	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/ft<sup>2</sup>