


Thermal Performance Data

Premium Coastal DH Picture Windows (1109)


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	 US ENERGY STAR V 6.0 N NC SC S
Insulated Impact								
No GIA or SDL	1"	Clear Insul	WEA-N-291-01160-00001	0.46	0.50	0.58	44	
	1"	Insul Low-E 272	WEA-N-291-01162-00001	0.36	0.30	0.50	52	
	1"	Insul Low E 272 w/Argon	WEA-N-291-01162-00001	0.36	0.30	0.50	52	
	1"	Insul Low E 340	WEA-N-291-01166-00001	0.36	0.15	0.27	52	Y
	1"	insul Low E 340 w/Argon	WEA-N-291-01166-00001	0.36	0.15	0.27	52	Y
	1"	Insul Low-E 240	WEA-N-291-01168-00001	0.36	0.19	0.27	52	Y
	1"	Insul Low-E 240 w/Argon	WEA-N-291-01168-00001	0.36	0.19	0.27	52	Y
	1"	Insul Low E 366 w/Argon	WEA-N-291-01164-00001	0.36	0.21	0.45	52	Y
Less Than 1" GIA or SDL	1"	Clear Insul	WEA-N-291-01161-00001	0.48	0.45	0.51	44	
	1"	Insul Low-E 272	WEA-N-291-01163-00001	0.38	0.27	0.45	52	
	1"	Insul Low E 272 w/Argon	WEA-N-291-01163-00001	0.38	0.27	0.45	52	
	1"	Insul Low E 340	WEA-N-291-01167-00001	0.38	0.14	0.24	52	Y
	1"	insul Low E 340 w/Argon	WEA-N-291-01167-00001	0.38	0.14	0.24	52	Y
	1"	Insul Low-E 240	WEA-N-291-01169-00001	0.39	0.17	0.24	52	Y
	1"	Insul Low-E 240 w/Argon	WEA-N-291-01169-00001	0.39	0.17	0.24	52	Y
	1"	Insul Low E 366 w/Argon	WEA-N-291-01165-00001	0.38	0.19	0.40	52	Y
1" Or Over GIA or SDL	1"	Clear Insul	WEA-N-291-01161-00002	0.48	0.40	0.45	44	
	1"	Insul Low-E 272	WEA-N-291-01163-00002	0.38	0.24	0.39	52	Y
	1"	Insul Low E 272 w/Argon	WEA-N-291-01163-00002	0.38	0.24	0.39	52	Y
	1"	Insul Low E 340	WEA-N-291-01167-00002	0.38	0.12	0.21	52	Y
	1"	insul Low E 340 w/Argon	WEA-N-291-01167-00002	0.38	0.12	0.21	52	Y
	1"	Insul Low-E 240	WEA-N-291-01169-00002	0.39	0.16	0.21	52	Y
	1"	Insul Low-E 240 w/Argon	WEA-N-291-01169-00002	0.39	0.16	0.21	52	Y
	1"	Insul Low E 366 w/Argon	WEA-N-291-01165-00002	0.38	0.17	0.36	52	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 Equivalent Energy Performance
		=0.28	>=0.32	
		=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