



Thermal Performance Charts and Energy Star Compliance

Energy Star Version 7.0 Criteria for Windows, Doors and Skylights went into effect on October 23rd, 2023. The new criteria and climate zone maps are outlined below.

All of Windsor’s Energy Star labels have been updated to the new criteria. The following pages can be used to determine which products and glass options meet Energy Star 7.0 for each climate zone.

Please note that the thermal performance numbers shown are based on units with no grids, common glass thicknesses and stainless steel IG spacers. Larger unit sizes, grilles and tints may affect thermal performance and Energy Star compliance. Always check your quote or acknowledgement to determine if a specific product, size and glass option meets Energy Star 7.0 criteria.

Energy Star 7.0 for Windows, Doors & Skylights

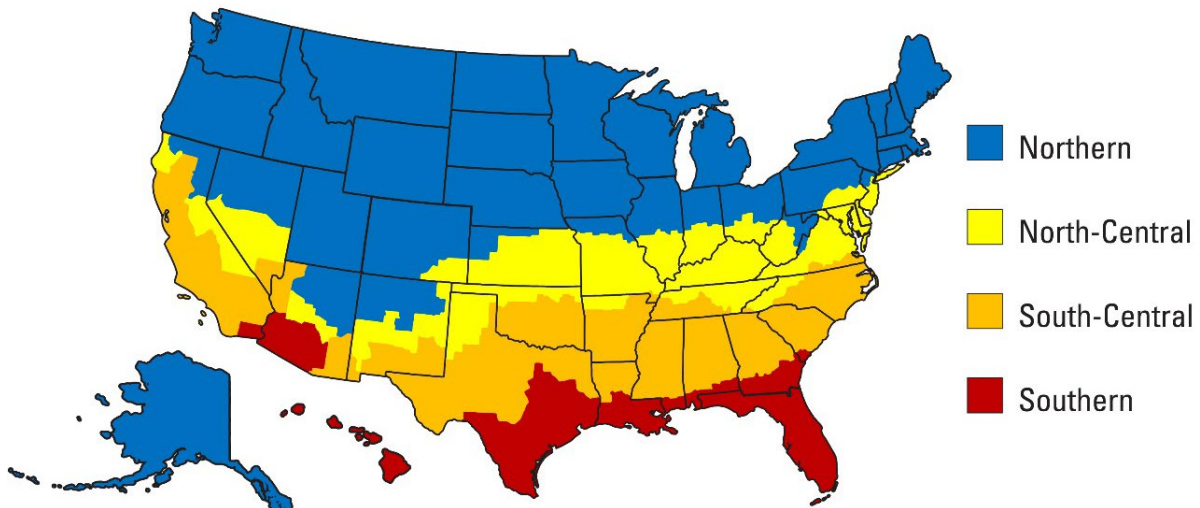
ENERGY STAR® Certification Criteria for Residential Windows, Doors, and Skylights

WINDOWS				
Climate Zone	U-Factor ¹	SHGC ²		
Northern	≤ 0.22	≥ 0.17	Prescriptive	
	= 0.23	≥ 0.35		Equivalent Energy Performance
	= 0.24			
	= 0.25			
	= 0.26			
North-Central	≤ 0.25	≤ 0.40		
South-Central	≤ 0.28	≤ 0.23		
Southern	≤ 0.32	≤ 0.23		

Air Leakage ≤ 0.3 cfm/ft²
¹ Btu/h-ft²-°F
² Solar Heat Gain Coefficient

DOORS			
Glazing Level	Climate Zone	U-Factor ¹	SHGC ²
Opaque	All Zones	≤ 0.17	No Rating
	≤ ½-Lite	All Zones	≤ 0.23
> ½-Lite	Northern	≤ 0.26	≤ 0.40
	North-Central	≤ 0.28	≤ 0.23
	South-Central		
	Southern		

Air Leakage for Sliding Doors ≤ 0.3 cfm/ft²
 Air Leakage for Swinging Doors ≤ 0.5 cfm/ft²
¹ Btu/h-ft²-°F
² Solar Heat Gain Coefficient



Thermal Performance Values Clad Windows

Product	Pane Thickness	IG Thickness	Glass Type	U-Value	SHGC	Energy Star 7.0 Compliance			
						N	NC	SC	S
Clad Casement	3.1mm	3/4"	LoE 366 / Air	0.32	0.20	N	N	N	Y
			LoE 366 / Argon	0.29	0.20	N	N	N	Y
			LoE 180 / Air	0.33	0.46	N	N	N	N
			LoE 180 / Argon	0.30	0.46	N	N	N	N
			LoE 240 / Air	0.33	0.19	N	N	N	N
			LoE 240 / Argon	0.30	0.18	N	N	N	Y
			LoE 272 / Air	0.32	0.30	N	N	N	N
			LoE 272 / Argon	0.29	0.30	N	N	N	N
			Dual LoE / Air	0.27	0.20	N	N	Y	Y
			Dual LoE / Argon	0.25	0.19	N	Y	Y	Y
			Dual LoE HS / Air	0.28	0.44	N	N	N	N
			Dual LoE HS / Argon	0.26	0.45	Y	N	N	N
Clad Awning	3.1mm	3/4"	LoE 366 / Air	0.32	0.20	N	N	N	Y
			LoE 366 / Argon	0.29	0.20	N	N	N	Y
			LoE 180 / Air	0.33	0.46	N	N	N	N
			LoE 180 / Argon	0.30	0.46	N	N	N	N
			LoE 240 / Air	0.33	0.19	N	N	N	N
			LoE 240 / Argon	0.30	0.18	N	N	N	Y
			LoE 272 / Air	0.32	0.30	N	N	N	N
			LoE 272 / Argon	0.29	0.30	N	N	N	N
			Dual LoE / Air	0.28	0.20	N	N	Y	Y
			Dual LoE / Argon	0.26	0.19	N	N	Y	Y
			Dual LoE HS / Air	0.29	0.44	N	N	N	N
			Dual LoE HS / Argon	0.27	0.45	N	N	N	N
Clad Casement Picture	3.9mm	3/4"	LoE 366 / Air	0.31	0.23	N	N	N	Y
			LoE 366 / Argon	0.27	0.23	N	N	Y	Y
			LoE 180 / Air	0.33	0.51	N	N	N	N
			LoE 180 / Argon	0.28	0.51	N	N	N	N
			LoE 240 / Air	0.32	0.21	N	N	N	Y
			LoE 240 / Argon	0.28	0.20	N	N	Y	Y
			LoE 272 / Air	0.32	0.34	N	N	N	N
			LoE 272 / Argon	0.28	0.33	N	N	N	N
			Dual LoE / Air	0.26	0.22	N	N	Y	Y
			Dual LoE / Argon	0.23	0.22	N	Y	Y	Y
			Dual LoE HS / Air	0.27	0.49	N	N	N	N
			Dual LoE HS / Argon	0.24	0.49	Y	N	N	N
3 1/4" Clad Casement	3.1mm	3/4"	LoE 366 / Air	0.32	0.20	N	N	N	Y
			LoE 366 / Argon	0.28	0.20	N	N	Y	Y
			LoE 180 / Air	0.33	0.46	N	N	N	N
			LoE 180 / Argon	0.30	0.46	N	N	N	N
			LoE 240 / Air	0.32	0.19	N	N	N	Y
			LoE 240 / Argon	0.29	0.18	N	N	N	Y
			LoE 272 / Air	0.32	0.30	N	N	N	N
			LoE 272 / Argon	0.29	0.30	N	N	N	N
			Dual LoE / Air	0.27	0.20	N	N	Y	Y
			Dual LoE / Argon	0.25	0.20	N	Y	Y	Y
			Dual LoE HS / Air	0.28	0.44	N	N	N	N
			Dual LoE HS / Argon	0.26	0.45	Y	N	N	N

Thermal Performance Values Clad Windows

Product	Pane Thickness	IG Thickness	Glass Type	U-Value	SHGC	Energy Star 7.0 Compliance			
						N	NC	SC	S
3 1/4" Clad Awning	3.1mm	3/4"	LoE 366 / Air	0.32	0.20	N	N	N	Y
			LoE 366 / Argon	0.29	0.20	N	N	N	Y
			LoE 180 / Air	0.33	0.46	N	N	N	N
			LoE 180 / Argon	0.30	0.46	N	N	N	N
			LoE 240 / Air	0.33	0.19	N	N	N	N
			LoE 240 / Argon	0.30	0.18	N	N	N	Y
			LoE 272 / Air	0.33	0.30	N	N	N	N
			LoE 272 / Argon	0.29	0.30	N	N	N	N
			Dual LoE / Air	0.28	0.20	N	N	Y	Y
			Dual LoE / Argon	0.25	0.19	N	Y	Y	Y
			Dual LoE HS / Air	0.29	0.44	N	N	N	N
			Dual LoE HS / Argon	0.26	0.45	Y	N	N	N
3 1/4" Clad Casement Picture	3.9mm	3/4"	LoE 366 / Air	0.31	0.23	N	N	N	Y
			LoE 366 / Argon	0.27	0.23	N	N	Y	Y
			LoE 180 / Air	0.32	0.51	N	N	N	N
			LoE 180 / Argon	0.28	0.51	N	N	N	N
			LoE 240 / Air	0.32	0.21	N	N	N	Y
			LoE 240 / Argon	0.28	0.21	N	N	Y	Y
			LoE 272 / Air	0.32	0.34	N	N	N	N
			LoE 272 / Argon	0.28	0.34	N	N	N	N
			Dual LoE / Air	0.26	0.22	N	N	Y	Y
			Dual LoE / Argon	0.23	0.22	N	Y	Y	Y
			Dual LoE HS / Air	0.27	0.49	N	N	N	N
			Dual LoE HS / Argon	0.24	0.49	Y	N	N	N
Select Casement	3.1mm	3/4"	LoE 366 / Air	0.33	0.18	N	N	N	N
			LoE 366 / Argon	0.30	0.18	N	N	N	Y
			LoE 180 / Air	0.34	0.42	N	N	N	N
			LoE 180 / Argon	0.31	0.42	N	N	N	N
			LoE 240 / Air	0.33	0.17	N	N	N	N
			LoE 240 / Argon	0.31	0.17	N	N	N	Y
			LoE 272 / Air	0.33	0.27	N	N	N	N
			LoE 272 / Argon	0.30	0.27	N	N	N	N
			Dual LoE / Air	0.29	0.18	N	N	N	Y
			Dual LoE / Argon	0.27	0.18	N	N	Y	Y
			Dual LoE HS / Air	0.29	0.41	N	N	N	N
			Dual LoE HS / Argon	0.27	0.41	N	N	N	N
	1 1/4" Triple	366 / 180 / Air	0.24	0.17	N	Y	Y	Y	
		366 / 180 / Argon	0.22	0.16	N	Y	Y	Y	
Select Awning	3.1mm	3/4"	LoE 366 / Air	0.33	0.19	N	N	N	N
			LoE 366 / Argon	0.30	0.18	N	N	N	Y
			LoE 180 / Air	0.34	0.42	N	N	N	N
			LoE 180 / Argon	0.31	0.42	N	N	N	N
			LoE 240 / Air	0.34	0.17	N	N	N	N
			LoE 240 / Argon	0.31	0.17	N	N	N	Y
			LoE 272 / Air	0.33	0.28	N	N	N	N
			LoE 272 / Argon	0.31	0.27	N	N	N	N
			Dual LoE / Air	0.29	0.18	N	N	N	Y
			Dual LoE / Argon	0.27	0.18	N	N	Y	Y
			Dual LoE HS / Air	0.30	0.41	N	N	N	N
			Dual LoE HS / Argon	0.28	0.41	N	N	N	N
	1 1/4" Triple	366 / 180 / Air	0.24	0.17	N	Y	Y	Y	
		366 / 180 / Argon	0.22	0.16	N	Y	Y	Y	

Thermal Performance Values Clad Windows

Product	Pane Thickness	IG Thickness	Glass Type	U-Value	SHGC	Energy Star 7.0 Compliance			
						N	NC	SC	S
Select Casement Picture	3.9mm	3/4"	LoE 366 / Air	0.32	0.22	N	N	N	Y
			LoE 366 / Argon	0.27	0.21	N	N	Y	Y
			LoE 180 / Air	0.33	0.49	N	N	N	N
			LoE 180 / Argon	0.29	0.49	N	N	N	N
			LoE 240 / Air	0.32	0.20	N	N	N	Y
			LoE 240 / Argon	0.29	0.20	N	N	N	Y
			LoE 272 / Air	0.32	0.32	N	N	N	N
			LoE 272 / Argon	0.28	0.32	N	N	N	N
			Dual LoE / Air	0.27	0.21	N	N	Y	Y
			Dual LoE / Argon	0.24	0.21	N	Y	Y	Y
			Dual LoE HS / Air	0.28	0.47	N	N	N	N
			Dual LoE HS / Argon	0.25	0.47	Y	N	N	N
		1 1/4" Triple	366 / 180 / Air	0.23	0.20	N	Y	Y	Y
		366 / 180 / Argon	0.20	0.19	Y	Y	Y	Y	
Clad Double Hung (Standard Jambliner)	3.1mm	3/4"	LoE 366 / Air	0.34	0.20	N	N	N	N
			LoE 366 / Argon	0.31	0.20	N	N	N	Y
			LoE 180 / Air	0.35	0.46	N	N	N	N
			LoE 180 / Argon	0.32	0.46	N	N	N	N
			LoE 240 / Air	0.35	0.19	N	N	N	N
			LoE 240 / Argon	0.32	0.18	N	N	N	Y
			LoE 272 / Air	0.35	0.30	N	N	N	N
			LoE 272 / Argon	0.31	0.30	N	N	N	N
			Dual LoE / Air	0.30	0.20	N	N	N	Y
			Dual LoE / Argon	0.27	0.19	N	N	Y	Y
			Dual LoE HS / Air	0.30	0.44	N	N	N	N
			Dual LoE HS / Argon	0.28	0.44	N	N	N	N
Clad Double Hung (Concealed Jambliner)	3.1mm	3/4"	LoE 366 / Air	0.35	0.20	N	N	N	N
			LoE 366 / Argon	0.31	0.20	N	N	N	Y
			LoE 180 / Air	0.36	0.46	N	N	N	N
			LoE 180 / Argon	0.33	0.46	N	N	N	N
			LoE 240 / Air	0.35	0.19	N	N	N	N
			LoE 240 / Argon	0.32	0.18	N	N	N	Y
			LoE 272 / Air	0.35	0.30	N	N	N	N
			LoE 272 / Argon	0.32	0.30	N	N	N	N
			Dual LoE / Air	0.30	0.20	N	N	N	Y
			Dual LoE / Argon	0.28	0.19	N	N	Y	Y
			Dual LoE HS / Air	0.31	0.44	N	N	N	N
			Dual LoE HS / Argon	0.29	0.44	N	N	N	N
Clad Double Hung Picture	3.9mm	3/4"	LoE 366 / Air	0.33	0.21	N	N	N	N
			LoE 366 / Argon	0.29	0.21	N	N	N	Y
			LoE 180 / Air	0.35	0.47	N	N	N	N
			LoE 180 / Argon	0.31	0.47	N	N	N	N
			LoE 240 / Air	0.34	0.20	N	N	N	N
			LoE 240 / Argon	0.30	0.19	N	N	N	Y
			LoE 272 / Air	0.34	0.31	N	N	N	N
			LoE 272 / Argon	0.30	0.31	N	N	N	N
			Dual LoE / Air	0.29	0.20	N	N	N	Y
			Dual LoE / Argon	0.26	0.20	N	N	Y	Y
			Dual LoE HS / Air	0.29	0.45	N	N	N	N
			Dual LoE HS / Argon	0.27	0.45	N	N	N	N

Thermal Performance Values
Clad Windows

Product	Pane Thickness	IG Thickness	Glass Type	U-Value	SHGC	Energy Star 7.0 Compliance			
						N	NC	SC	S
Clad Glide-By	3.1mm	3/4"	LoE 366 / Air	0.35	0.20	N	N	N	N
			LoE 366 / Argon	0.31	0.20	N	N	N	Y
			LoE 180 / Air	0.36	0.46	N	N	N	N
			LoE 180 / Argon	0.33	0.46	N	N	N	N
			LoE 240 / Air	0.36	0.19	N	N	N	N
			LoE 240 / Argon	0.32	0.18	N	N	N	Y
			LoE 272 / Air	0.35	0.30	N	N	N	N
			LoE 272 / Argon	0.32	0.30	N	N	N	N
			Dual LoE / Air	0.30	0.20	N	N	N	Y
			Dual LoE / Argon	0.28	0.19	N	N	Y	Y
			Dual LoE HS / Air	0.31	0.44	N	N	N	N
			Dual LoE HS / Argon	0.29	0.44	N	N	N	N
Clad Direct Set	3.9mm	3/4"	LoE 366 / Air	0.33	0.24	N	N	N	N
			LoE 366 / Argon	0.29	0.24	N	N	N	N
			LoE 180 / Air	0.35	0.54	N	N	N	N
			LoE 180 / Argon	0.31	0.54	N	N	N	N
			LoE 240 / Air	0.34	0.22	N	N	N	N
			LoE 240 / Argon	0.30	0.22	N	N	N	Y
			LoE 272 / Air	0.34	0.36	N	N	N	N
			LoE 272 / Argon	0.30	0.35	N	N	N	N
			Dual LoE / Air	0.28	0.23	N	N	Y	Y
			Dual LoE / Argon	0.25	0.23	N	Y	Y	Y
			Dual LoE HS / Air	0.29	0.52	N	N	N	N
			Dual LoE HS / Argon	0.26	0.52	Y	N	N	N
		1 1/4" Triple	366 / 180 / Air	0.23	0.21	N	Y	Y	Y
		366 / 180 / Argon	0.20	0.21	Y	Y	Y	Y	
Clad Radius & Low-Profile Direct Set	3.9mm	3/4"	LoE 366 / Air	0.32	0.25	N	N	N	N
			LoE 366 / Argon	0.27	0.24	N	N	N	N
			LoE 180 / Air	0.33	0.56	N	N	N	N
			LoE 180 / Argon	0.29	0.56	N	N	N	N
			LoE 240 / Air	0.33	0.23	N	N	N	N
			LoE 240 / Argon	0.28	0.22	N	N	Y	Y
			LoE 272 / Air	0.32	0.37	N	N	N	N
			LoE 272 / Argon	0.28	0.37	N	N	N	N
			Dual LoE / Air	0.26	0.24	N	N	N	N
			Dual LoE / Argon	0.23	0.24	N	Y	N	N
			Dual LoE HS / Air	0.27	0.53	N	N	N	N
			Dual LoE HS / Argon	0.24	0.54	Y	N	N	N
		1 1/4" Triple	366 / 180 / Air	0.21	0.22	Y	Y	Y	Y
		366 / 180 / Argon	0.18	0.22	Y	Y	Y	Y	
3 1/4" Clad Radius & Low-Profile Direct Set	3.9mm	3/4"	LoE 366 / Air	0.32	0.25	N	N	N	N
			LoE 366 / Argon	0.27	0.25	N	N	N	N
			LoE 180 / Air	0.33	0.56	N	N	N	N
			LoE 180 / Argon	0.29	0.56	N	N	N	N
			LoE 240 / Air	0.33	0.23	N	N	N	N
			LoE 240 / Argon	0.29	0.22	N	N	N	Y
			LoE 272 / Air	0.33	0.37	N	N	N	N
			LoE 272 / Argon	0.28	0.37	N	N	N	N
			Dual LoE / Air	0.26	0.24	N	N	N	N
			Dual LoE / Argon	0.23	0.24	N	Y	N	N
			Dual LoE HS / Air	0.27	0.54	N	N	N	N
			Dual LoE HS / Argon	0.24	0.54	Y	N	N	N
		1 1/4" Triple	366 / 180 / Air	0.22	0.22	Y	Y	Y	Y
		366 / 180 / Argon	0.18	0.22	Y	Y	Y	Y	

Thermal Performance Values

Clad Doors

Product	Pane Thickness	IG Thickness	Glass Type	U-Value	SHGC	Energy Star 7.0 Compliance			
						N	NC	SC	S
Clad Inswing French	3.1mm	3/4"	LoE 366 / Air	0.34	0.16	N	N	N	N
			LoE 366 / Argon	0.31	0.16	N	N	N	N
			LoE 180 / Air	0.35	0.36	N	N	N	N
			LoE 180 / Argon	0.32	0.36	N	N	N	N
			LoE 240 / Air	0.34	0.15	N	N	N	N
			LoE 240 / Argon	0.32	0.15	N	N	N	N
			LoE 272 / Air	0.34	0.24	N	N	N	N
			LoE 272 / Argon	0.32	0.24	N	N	N	N
			Dual LoE / Air	0.30	0.16	N	N	N	N
			Dual LoE / Argon	0.28	0.16	N	N	Y	Y
			Dual LoE HS / Air	0.31	0.35	N	N	N	N
Dual LoE HS / Argon	0.29	0.35	N	N	N	N			
Clad Inswing Narrow	3.1mm	3/4"	LoE 366 / Air	0.33	0.18	N	N	N	N
			LoE 366 / Argon	0.30	0.18	N	N	N	N
			LoE 180 / Air	0.34	0.42	N	N	N	N
			LoE 180 / Argon	0.31	0.42	N	N	N	N
			LoE 240 / Air	0.33	0.17	N	N	N	N
			LoE 240 / Argon	0.31	0.17	N	N	N	N
			LoE 272 / Air	0.33	0.28	N	N	N	N
			LoE 272 / Argon	0.30	0.28	N	N	N	N
			Dual LoE / Air	0.28	0.18	N	N	Y	Y
			Dual LoE / Argon	0.26	0.18	Y	Y	Y	Y
			Dual LoE HS / Air	0.29	0.41	N	N	N	N
Dual LoE HS / Argon	0.27	0.41	N	N	N	N			
Clad Outswing French	3.1mm	3/4"	LoE 366 / Air	0.33	0.16	N	N	N	N
			LoE 366 / Argon	0.31	0.16	N	N	N	N
			LoE 180 / Air	0.34	0.37	N	N	N	N
			LoE 180 / Argon	0.32	0.37	N	N	N	N
			LoE 240 / Air	0.34	0.15	N	N	N	N
			LoE 240 / Argon	0.32	0.15	N	N	N	N
			LoE 272 / Air	0.34	0.24	N	N	N	N
			LoE 272 / Argon	0.31	0.24	N	N	N	N
			Dual LoE / Air	0.30	0.16	N	N	N	N
			Dual LoE / Argon	0.28	0.16	N	N	Y	Y
			Dual LoE HS / Air	0.30	0.36	N	N	N	N
Dual LoE HS / Argon	0.29	0.36	N	N	N	N			
Clad Outswing Narrow	3.1mm	3/4"	LoE 366 / Air	0.33	0.19	N	N	N	N
			LoE 366 / Argon	0.30	0.19	N	N	N	N
			LoE 180 / Air	0.34	0.43	N	N	N	N
			LoE 180 / Argon	0.32	0.43	N	N	N	N
			LoE 240 / Air	0.34	0.18	N	N	N	N
			LoE 240 / Argon	0.31	0.17	N	N	N	N
			LoE 272 / Air	0.34	0.28	N	N	N	N
			LoE 272 / Argon	0.31	0.28	N	N	N	N
			Dual LoE / Air	0.29	0.18	N	N	N	N
			Dual LoE / Argon	0.27	0.18	N	N	Y	Y
			Dual LoE HS / Air	0.30	0.41	N	N	N	N
Dual LoE HS / Argon	0.28	0.41	N	N	N	N			

Thermal Performance Values

Clad Doors

Product	Pane Thickness	IG Thickness	Glass Type	U-Value	SHGC	Energy Star 7.0 Compliance			
						N	NC	SC	S
Clad Bi-Fold French	3.1mm	3/4"	LoE 366 / Air	0.36	0.16	N	N	N	N
			LoE 366 / Argon	0.33	0.16	N	N	N	N
			LoE 180 / Air	0.37	0.37	N	N	N	N
			LoE 180 / Argon	0.34	0.37	N	N	N	N
			LoE 240 / Air	0.37	0.16	N	N	N	N
			LoE 240 / Argon	0.34	0.15	N	N	N	N
			LoE 272 / Air	0.36	0.24	N	N	N	N
			LoE 272 / Argon	0.34	0.24	N	N	N	N
			Dual LoE / Air	0.32	0.16	N	N	N	N
			Dual LoE / Argon	0.31	0.16	N	N	N	N
			Dual LoE HS / Air	0.33	0.35	N	N	N	N
			Dual LoE HS / Argon	0.31	0.36	N	N	N	N
Clad Bi-Fold Narrow	3.1mm	3/4"	LoE 366 / Air	0.36	0.19	N	N	N	N
			LoE 366 / Argon	0.33	0.19	N	N	N	N
			LoE 180 / Air	0.37	0.43	N	N	N	N
			LoE 180 / Argon	0.34	0.43	N	N	N	N
			LoE 240 / Air	0.36	0.18	N	N	N	N
			LoE 240 / Argon	0.34	0.17	N	N	N	N
			LoE 272 / Air	0.36	0.28	N	N	N	N
			LoE 272 / Argon	0.33	0.28	N	N	N	N
			Dual LoE / Air	0.31	0.18	N	N	N	N
			Dual LoE / Argon	0.29	0.18	N	N	N	N
			Dual LoE HS / Air	0.32	0.41	N	N	N	N
			Dual LoE HS / Argon	0.30	0.41	N	N	N	N
Clad Sliding French	3.1mm	3/4"	LoE 366 / Air	0.33	0.17	N	N	N	N
			LoE 366 / Argon	0.31	0.17	N	N	N	N
			LoE 180 / Air	0.34	0.39	N	N	N	N
			LoE 180 / Argon	0.32	0.39	N	N	N	N
			LoE 240 / Air	0.34	0.16	N	N	N	N
			LoE 240 / Argon	0.31	0.16	N	N	N	N
			LoE 272 / Air	0.34	0.26	N	N	N	N
			LoE 272 / Argon	0.31	0.26	N	N	N	N
			Dual LoE / Air	0.29	0.17	N	N	N	N
			Dual LoE / Argon	0.28	0.17	N	N	Y	Y
			Dual LoE HS / Air	0.30	0.38	N	N	N	N
			Dual LoE HS / Argon	0.28	0.38	N	N	N	N
Clad Sliding Narrow	3.9mm	3/4"	LoE 366 / Air	0.33	0.22	N	N	N	N
			LoE 366 / Argon	0.29	0.21	N	N	N	N
			LoE 180 / Air	0.34	0.48	N	N	N	N
			LoE 180 / Argon	0.30	0.48	N	N	N	N
			LoE 240 / Air	0.34	0.20	N	N	N	N
			LoE 240 / Argon	0.30	0.19	N	N	N	N
			LoE 272 / Air	0.33	0.32	N	N	N	N
			LoE 272 / Argon	0.30	0.32	N	N	N	N
			Dual LoE / Air	0.28	0.21	N	N	Y	Y
			Dual LoE / Argon	0.25	0.21	Y	Y	Y	Y
			Dual LoE HS / Air	0.29	0.46	N	N	N	N
			Dual LoE HS / Argon	0.26	0.46	N	N	N	N

Thermal Performance Values

Clad Doors

Product	Pane Thickness	IG Thickness	Glass Type	U-Value	SHGC	Energy Star 7.0 Compliance			
						N	NC	SC	S
Clad Multi-Slide French	3.1mm	3/4"	LoE 366 / Air	0.38	0.18	N	N	N	N
			LoE 366 / Argon	0.35	0.18	N	N	N	N
			LoE 180 / Air	0.39	0.41	N	N	N	N
			LoE 180 / Argon	0.36	0.41	N	N	N	N
			LoE 240 / Air	0.39	0.17	N	N	N	N
			LoE 240 / Argon	0.36	0.17	N	N	N	N
			LoE 272 / Air	0.38	0.27	N	N	N	N
			LoE 272 / Argon	0.36	0.27	N	N	N	N
			Dual LoE / Air	0.34	0.18	N	N	N	N
			Dual LoE / Argon	0.32	0.18	N	N	N	N
			Dual LoE HS / Air	0.35	0.39	N	N	N	N
			Dual LoE HS / Argon	0.33	0.40	N	N	N	N
Clad Multi-Slide Narrow	3.9mm	3/4"	LoE 366 / Air	0.38	0.22	N	N	N	N
			LoE 366 / Argon	0.34	0.21	N	N	N	N
			LoE 180 / Air	0.40	0.48	N	N	N	N
			LoE 180 / Argon	0.36	0.48	N	N	N	N
			LoE 240 / Air	0.39	0.20	N	N	N	N
			LoE 240 / Argon	0.35	0.20	N	N	N	N
			LoE 272 / Air	0.39	0.32	N	N	N	N
			LoE 272 / Argon	0.35	0.32	N	N	N	N
			Dual LoE / Air	0.34	0.21	N	N	N	N
			Dual LoE / Argon	0.31	0.21	N	N	N	N
			Dual LoE HS / Air	0.34	0.46	N	N	N	N
			Dual LoE HS / Argon	0.32	0.46	N	N	N	N

Thermal Performance Values

Next Dimension

Product	Pane Thickness	IG Thickness	Glass Type	U-Value	SHGC	Energy Star 7.0 Compliance			
						N	NC	SC	S
Signature Casement	3.1mm	3/4"	LoE 366 / Air	0.29	0.19	N	N	N	Y
			LoE 366 / Argon	0.26	0.18	N	N	Y	Y
			LoE 180 / Air	0.30	0.42	N	N	N	N
			LoE 180 / Argon	0.27	0.42	N	N	N	N
			LoE 240 / Air	0.30	0.17	N	N	N	Y
			LoE 240 / Argon	0.27	0.17	N	N	Y	Y
			Dual LoE / Air	0.25	0.18	N	Y	Y	Y
			Dual LoE / Argon	0.23	0.18	N	Y	Y	Y
			Dual LoE HS / Air	0.25	0.41	Y	N	N	N
			Dual LoE HS / Argon	0.23	0.41	Y	N	N	N
Signature Awning	3.1mm	3/4"	LoE 366 / Air	0.29	0.19	N	N	N	Y
			LoE 366 / Argon	0.26	0.18	N	N	Y	Y
			LoE 180 / Air	0.30	0.42	N	N	N	N
			LoE 180 / Argon	0.27	0.42	N	N	N	N
			LoE 240 / Air	0.30	0.17	N	N	N	Y
			LoE 240 / Argon	0.27	0.17	N	N	Y	Y
			Dual LoE / Air	0.25	0.18	N	Y	Y	Y
			Dual LoE / Argon	0.23	0.18	N	Y	Y	Y
			Dual LoE HS / Air	0.26	0.41	Y	N	N	N
			Dual LoE HS / Argon	0.24	0.41	Y	N	N	N
Signature Csmt Pic	3.9mm	3/4"	LoE 366 / Air	0.30	0.22	N	N	N	Y
			LoE 366 / Argon	0.26	0.22	N	N	Y	Y
			LoE 180 / Air	0.31	0.49	N	N	N	N
			LoE 180 / Argon	0.27	0.49	N	N	N	N
			LoE 240 / Air	0.31	0.20	N	N	N	Y
			LoE 240 / Argon	0.27	0.20	N	N	Y	Y
			Dual LoE / Air	0.25	0.21	N	Y	Y	Y
			Dual LoE / Argon	0.22	0.21	Y	Y	Y	Y
			Dual LoE HS / Air	0.26	0.47	Y	N	N	N
			Dual LoE HS / Argon	0.23	0.47	Y	N	N	N
Signature Radius / Direct Set	3.9mm	3/4"	LoE 366 / Air	0.30	0.25	N	N	N	N
			LoE 366 / Argon	0.26	0.24	N	N	N	N
			LoE 180 / Air	0.32	0.55	N	N	N	N
			LoE 180 / Argon	0.27	0.55	N	N	N	N
			LoE 240 / Air	0.31	0.23	N	N	N	Y
			LoE 240 / Argon	0.27	0.22	N	N	Y	Y
			Dual LoE / Air	0.25	0.24	N	Y	N	N
			Dual LoE / Argon	0.21	0.24	Y	Y	N	N
			Dual LoE HS / Air	0.26	0.53	Y	N	N	N
			Dual LoE HS / Argon	0.23	0.53	Y	N	N	N
Pro Single Hung (Standard Frame)	3.1mm	3/4"	LoE 366 / Air	0.32	0.22	N	N	N	Y
			LoE 366 / Argon	0.29	0.22	N	N	N	Y
			LoE 180 / Air	0.34	0.52	N	N	N	N
			LoE 180 / Argon	0.30	0.51	N	N	N	N
			LoE 240 / Air	0.33	0.21	N	N	N	N
			LoE 240 / Argon	0.30	0.20	N	N	N	Y
			Dual LoE / Air	0.27	0.22	N	N	Y	Y
			Dual LoE / Argon	0.25	0.22	N	Y	Y	Y
			Dual LoE HS / Air	0.28	0.50	N	N	N	N
Dual LoE HS / Argon	0.26	0.50	Y	N	N	N			

Thermal Performance Values

Next Dimension

Product	Pane Thickness	IG Thickness	Glass Type	U-Value	SHGC	Energy Star 7.0 Compliance			
						N	NC	SC	S
Pro Slider (Standard Frame)	3.1mm	3/4"	LoE 366 / Air	0.32	0.22	N	N	N	Y
			LoE 366 / Argon	0.29	0.22	N	N	N	Y
			LoE 180 / Air	0.34	0.52	N	N	N	N
			LoE 180 / Argon	0.30	0.51	N	N	N	N
			LoE 240 / Air	0.33	0.21	N	N	N	N
			LoE 240 / Argon	0.30	0.20	N	N	N	Y
			Dual LoE / Air	0.28	0.22	N	N	Y	Y
			Dual LoE / Argon	0.25	0.22	N	Y	Y	Y
			Dual LoE HS / Air	0.28	0.50	N	N	N	N
			Dual LoE HS / Argon	0.26	0.50	Y	N	N	N
Pro Direct Set / Radius (Standard Frame)	3.9mm	3/4"	LoE 366 / Air	0.30	0.25	N	N	N	N
			LoE 366 / Argon	0.26	0.24	N	N	N	N
			LoE 180 / Air	0.32	0.55	N	N	N	N
			LoE 180 / Argon	0.27	0.55	N	N	N	N
			LoE 240 / Air	0.31	0.23	N	N	N	Y
			LoE 240 / Argon	0.27	0.22	N	N	Y	Y
			Dual LoE / Air	0.25	0.24	N	Y	N	N
			Dual LoE / Argon	0.22	0.24	Y	Y	N	N
			Dual LoE HS / Air	0.26	0.53	Y	N	N	N
			Dual LoE HS / Argon	0.23	0.53	Y	N	N	N
Classic Single Hung	3.1mm	3/4"	LoE 366 / Air	0.32	0.22	N	N	N	Y
			LoE 366 / Argon	0.29	0.22	N	N	N	Y
			LoE 180 / Air	0.33	0.51	N	N	N	N
			LoE 180 / Argon	0.30	0.51	N	N	N	N
			LoE 240 / Air	0.33	0.21	N	N	N	N
			LoE 240 / Argon	0.30	0.20	N	N	N	Y
			Dual LoE / Air	0.27	0.22	N	N	Y	Y
			Dual LoE / Argon	0.25	0.21	N	Y	Y	Y
			Dual LoE HS / Air	0.28	0.49	N	N	N	N
			Dual LoE HS / Argon	0.26	0.49	Y	N	N	N
Classic SH Pic	3.9mm	3/4"	LoE 366 / Air	0.31	0.24	N	N	N	N
			LoE 366 / Argon	0.27	0.23	N	N	Y	Y
			LoE 180 / Air	0.32	0.22	N	N	N	Y
			LoE 180 / Argon	0.28	0.21	N	N	Y	Y
			LoE 240 / Air	0.33	0.52	N	N	N	N
			LoE 240 / Argon	0.28	0.52	N	N	N	N
			Dual LoE / Air	0.26	0.23	N	N	Y	Y
			Dual LoE / Argon	0.23	0.23	N	Y	Y	Y
			Dual LoE HS / Air	0.27	0.50	N	N	N	N
			Dual LoE HS / Argon	0.24	0.50	Y	N	N	N
Classic Double Hung	3.1mm	3/4"	LoE 366 / Air	0.33	0.22	N	N	N	N
			LoE 366 / Argon	0.29	0.21	N	N	N	Y
			LoE 180 / Air	0.34	0.50	N	N	N	N
			LoE 180 / Argon	0.31	0.50	N	N	N	N
			LoE 240 / Air	0.34	0.20	N	N	N	N
			LoE 240 / Argon	0.30	0.20	N	N	N	Y
			Dual LoE / Air	0.28	0.21	N	N	Y	Y
			Dual LoE / Argon	0.26	0.21	N	N	Y	Y
			Dual LoE HS / Air	0.29	0.48	N	N	N	N
			Dual LoE HS / Argon	0.26	0.48	Y	N	N	N

Thermal Performance Values

Next Dimension

Product	Pane Thickness	IG Thickness	Glass Type	U-Value	SHGC	Energy Star 7.0 Compliance			
						N	NC	SC	S
Classic DH Pic	3.9mm	3/4"	LoE 366 / Air	0.30	0.23	N	N	N	Y
			LoE 366 / Argon	0.26	0.23	N	N	Y	Y
			LoE 180 / Air	0.32	0.52	N	N	N	N
			LoE 180 / Argon	0.27	0.52	N	N	N	N
			LoE 240 / Air	0.31	0.21	N	N	N	Y
			LoE 240 / Argon	0.27	0.21	N	N	Y	Y
			Dual LoE / Air	0.25	0.23	N	Y	Y	Y
			Dual LoE / Argon	0.22	0.22	Y	Y	Y	Y
			Dual LoE HS / Air	0.26	0.49	Y	N	N	N
			Dual LoE HS / Argon	0.23	0.50	Y	N	N	N
Classic Slider	3.1mm	3/4"	LoE 366 / Air	0.32	0.22	N	N	N	Y
			LoE 366 / Argon	0.29	0.22	N	N	N	Y
			LoE 180 / Air	0.33	0.51	N	N	N	N
			LoE 180 / Argon	0.30	0.51	N	N	N	N
			LoE 240 / Air	0.33	0.21	N	N	N	N
			LoE 240 / Argon	0.30	0.20	N	N	N	Y
			Dual LoE / Air	0.27	0.22	N	N	Y	Y
			Dual LoE / Argon	0.25	0.21	N	Y	Y	Y
			Dual LoE HS / Air	0.28	0.49	N	N	N	N
			Dual LoE HS / Argon	0.26	0.49	Y	N	N	N
Signature Sliding Door	3.9mm	3/4"	LoE 366 / Air	0.32	0.23	N	N	N	N
			LoE 366 / Argon	0.27	0.23	N	N	Y	Y
			LoE 180 / Air	0.33	0.52	N	N	N	N
			LoE 180 / Argon	0.29	0.52	N	N	N	N
			LoE 240 / Air	0.33	0.21	N	N	N	N
			LoE 240 / Argon	0.28	0.21	N	N	Y	Y
			Dual LoE / Air	0.26	0.23	Y	Y	Y	Y
			Dual LoE / Argon	0.23	0.22	Y	Y	Y	Y
			Dual LoE HS / Air	0.27	0.50	N	N	N	N
			Dual LoE HS / Argon	0.24	0.50	N	N	N	N

Thermal Performance Values

Legend Windows

Product	Pane Thickness	IG Thickness	Glass Type	U-Value	SHGC	Energy Star 7.0 Compliance			
						N	NC	SC	S
Legend Casement	3.1mm	3/4"	LoE 366 / Air	0.29	0.20	N	N	N	Y
			LoE 366 / Argon	0.26	0.19	N	N	Y	Y
			LoE 180 / Air	0.30	0.45	N	N	N	N
			LoE 180 / Argon	0.27	0.45	N	N	N	N
			LoE 240 / Air	0.30	0.18	N	N	N	Y
			LoE 240 / Argon	0.27	0.18	N	N	Y	Y
			LoE 272 / Air	0.29	0.29	N	N	N	N
			LoE 272 / Argon	0.26	0.29	N	N	N	N
			Dual LoE / Air	0.25	0.19	N	Y	Y	Y
			Dual LoE / Argon	0.22	0.19	Y	Y	Y	Y
			Dual LoE HS / Air	0.25	0.44	Y	N	N	N
			Dual LoE HS / Argon	0.23	0.44	Y	N	N	N
Legend Awning	3.1mm	3/4"	LoE 366 / Air	0.28	0.19	N	N	Y	Y
			LoE 366 / Argon	0.25	0.19	N	Y	Y	Y
			LoE 180 / Air	0.30	0.44	N	N	N	N
			LoE 180 / Argon	0.27	0.44	N	N	N	N
			LoE 240 / Air	0.29	0.18	N	N	N	Y
			LoE 240 / Argon	0.26	0.17	N	N	Y	Y
			LoE 272 / Air	0.29	0.29	N	N	N	N
			LoE 272 / Argon	0.26	0.28	N	N	N	N
			Dual LoE / Air	0.25	0.19	N	Y	Y	Y
			Dual LoE / Argon	0.22	0.18	Y	Y	Y	Y
			Dual LoE HS / Air	0.26	0.42	Y	N	N	N
			Dual LoE HS / Argon	0.23	0.42	Y	N	N	N
Legend Casement Picture	3.9mm	3/4"	LoE 366 / Air	0.29	0.22	N	N	N	Y
			LoE 366 / Argon	0.25	0.22	N	Y	Y	Y
			LoE 180 / Air	0.31	0.50	N	N	N	N
			LoE 180 / Argon	0.27	0.50	N	N	N	N
			LoE 240 / Air	0.30	0.21	N	N	N	Y
			LoE 240 / Argon	0.26	0.20	N	N	Y	Y
			LoE 272 / Air	0.30	0.33	N	N	N	N
			LoE 272 / Argon	0.26	0.33	N	N	N	N
			Dual LoE / Air	0.24	0.22	N	Y	Y	Y
			Dual LoE / Argon	0.21	0.22	Y	Y	Y	Y
			Dual LoE HS / Air	0.25	0.48	Y	N	N	N
			Dual LoE HS / Argon	0.23	0.48	Y	N	N	N
Legend Double Hung	3.1mm	3/4"	LoE 366 / Air	0.31	0.20	N	N	N	Y
			LoE 366 / Argon	0.27	0.20	N	N	Y	Y
			LoE 180 / Air	0.32	0.46	N	N	N	N
			LoE 180 / Argon	0.29	0.46	N	N	N	N
			LoE 240 / Air	0.31	0.19	N	N	N	Y
			LoE 240 / Argon	0.28	0.18	N	N	Y	Y
			LoE 272 / Air	0.31	0.30	N	N	N	N
			LoE 272 / Argon	0.28	0.30	N	N	N	N
			Dual LoE / Air	0.26	0.19	N	N	Y	Y
			Dual LoE / Argon	0.24	0.19	N	Y	Y	Y
			Dual LoE HS / Air	0.27	0.44	N	N	N	N
			Dual LoE HS / Argon	0.25	0.44	Y	N	N	N

Thermal Performance Values

Legend Windows

Product	Pane Thickness	IG Thickness	Glass Type	U-Value	SHGC	Energy Star 7.0 Compliance			
						N	NC	SC	S
Legend Double Hung Picture	3.9mm	3/4"	LoE 366 / Air	0.30	0.21	N	N	N	Y
			LoE 366 / Argon	0.26	0.20	N	N	Y	Y
			LoE 180 / Air	0.31	0.46	N	N	N	N
			LoE 180 / Argon	0.28	0.46	N	N	N	N
			LoE 240 / Air	0.31	0.19	N	N	N	Y
			LoE 240 / Argon	0.27	0.19	N	N	Y	Y
			LoE 272 / Air	0.31	0.31	N	N	N	N
			LoE 272 / Argon	0.27	0.30	N	N	N	N
			Dual LoE / Air	0.25	0.20	N	Y	Y	Y
			Dual LoE / Argon	0.23	0.20	N	Y	Y	Y
			Dual LoE HS / Air	0.26	0.44	Y	N	N	N
			Dual LoE HS / Argon	0.24	0.45	Y	N	N	N
Legend Direct Set / Radius	3.9mm	3/4"	LoE 366 / Air	0.30	0.25	N	N	N	N
			LoE 366 / Argon	0.26	0.25	N	N	N	N
			LoE 180 / Air	0.32	0.56	N	N	N	N
			LoE 180 / Argon	0.27	0.56	N	N	N	N
			LoE 240 / Air	0.31	0.23	N	N	N	Y
			LoE 240 / Argon	0.27	0.22	N	N	Y	Y
			LoE 272 / Air	0.31	0.37	N	N	N	N
			LoE 272 / Argon	0.26	0.37	N	N	N	N
			Dual LoE / Air	0.25	0.24	N	Y	N	N
			Dual LoE / Argon	0.21	0.24	Y	Y	N	N
			Dual LoE HS / Air	0.26	0.54	Y	N	N	N
			Dual LoE HS / Argon	0.23	0.54	Y	N	N	N

Thermal Performance Values

Revive

Product	Pane Thickness	IG Thickness	Glass Type	U-Value	SHGC	Energy Star 7.0 Compliance			
						N	NC	SC	S
Revive Clad Casement	3.1mm	3/4"	LoE 366 / Air	0.32	0.20	N	N	N	Y
			LoE 366 / Argon	0.29	0.20	N	N	N	Y
			LoE 180 / Air	0.33	0.46	N	N	N	N
			LoE 180 / Argon	0.30	0.46	N	N	N	N
			LoE 240 / Air	0.33	0.19	N	N	N	N
			LoE 240 / Argon	0.30	0.19	N	N	N	Y
			LoE 272 / Air	0.32	0.30	N	N	N	N
			LoE 272 / Argon	0.29	0.30	N	N	N	N
			Dual LoE / Air	0.27	0.20	N	N	Y	Y
			Dual LoE / Argon	0.25	0.19	N	Y	Y	Y
			Dual LoE HS / Air	0.28	0.44	N	N	N	N
			Dual LoE HS / Argon	0.26	0.44	Y	N	N	N
Revive Clad Awning	3.1mm	3/4"	LoE 366 / Air	0.32	0.20	N	N	N	Y
			LoE 366 / Argon	0.29	0.20	N	N	N	Y
			LoE 180 / Air	0.33	0.46	N	N	N	N
			LoE 180 / Argon	0.30	0.46	N	N	N	N
			LoE 240 / Air	0.33	0.19	N	N	N	N
			LoE 240 / Argon	0.30	0.18	N	N	N	Y
			LoE 272 / Air	0.33	0.30	N	N	N	N
			LoE 272 / Argon	0.29	0.30	N	N	N	N
			Dual LoE / Air	0.28	0.20	N	N	Y	Y
			Dual LoE / Argon	0.26	0.19	N	N	Y	Y
			Dual LoE HS / Air	0.29	0.44	N	N	N	N
			Dual LoE HS / Argon	0.27	0.44	N	N	N	N
Revive Clad Casement Picture	3.9mm	3/4"	LoE 366 / Air	0.31	0.23	N	N	N	Y
			LoE 366 / Argon	0.27	0.22	N	N	Y	Y
			LoE 180 / Air	0.33	0.51	N	N	N	N
			LoE 180 / Argon	0.29	0.51	N	N	N	N
			LoE 240 / Air	0.32	0.21	N	N	N	Y
			LoE 240 / Argon	0.28	0.21	N	N	Y	Y
			LoE 272 / Air	0.32	0.34	N	N	N	N
			LoE 272 / Argon	0.28	0.34	N	N	N	N
			Dual LoE / Air	0.26	0.22	N	N	Y	Y
			Dual LoE / Argon	0.23	0.22	N	Y	Y	Y
			Dual LoE HS / Air	0.27	0.49	N	N	N	N
			Dual LoE HS / Argon	0.24	0.49	Y	N	N	N
Revive Clad Double Hung	3.1mm	3/4"	LoE 366 / Air	0.34	0.21	N	N	N	N
			LoE 366 / Argon	0.31	0.20	N	N	N	Y
			LoE 180 / Air	0.35	0.47	N	N	N	N
			LoE 180 / Argon	0.32	0.47	N	N	N	N
			LoE 240 / Air	0.35	0.19	N	N	N	N
			LoE 240 / Argon	0.32	0.19	N	N	N	Y
			LoE 272 / Air	0.34	0.31	N	N	N	N
			LoE 272 / Argon	0.31	0.30	N	N	N	N
			Dual LoE / Air	0.29	0.20	N	N	N	Y
			Dual LoE / Argon	0.27	0.20	N	N	Y	Y
			Dual LoE HS / Air	0.30	0.45	N	N	N	N
			Dual LoE HS / Argon	0.28	0.46	N	N	N	N

Thermal Performance Values

Revive

Product	Pane Thickness	IG Thickness	Glass Type	U-Value	SHGC	Energy Star 7.0 Compliance			
						N	NC	SC	S
Revive Clad Double Hung Picture	3.9mm	3/4"	LoE 366 / Air	0.32	0.22	N	N	N	Y
			LoE 366 / Argon	0.28	0.21	N	N	Y	Y
			LoE 180 / Air	0.34	0.48	N	N	N	N
			LoE 180 / Argon	0.30	0.48	N	N	N	N
			LoE 240 / Air	0.33	0.20	N	N	N	N
			LoE 240 / Argon	0.29	0.19	N	N	N	Y
			LoE 272 / Air	0.33	0.32	N	N	N	N
			LoE 272 / Argon	0.29	0.31	N	N	N	N
			Dual LoE / Air	0.28	0.21	N	N	Y	Y
			Dual LoE / Argon	0.25	0.21	N	Y	Y	Y
			Dual LoE HS / Air	0.28	0.46	N	N	N	N
Dual LoE HS / Argon	0.26	0.46	Y	N	N	N			
Revive Hybrid Casement	3.1mm	3/4"	LoE 366 / Air	0.31	0.20	N	N	N	Y
			LoE 366 / Argon	0.28	0.20	N	N	Y	Y
			LoE 180 / Air	0.32	0.46	N	N	N	N
			LoE 180 / Argon	0.29	0.46	N	N	N	N
			LoE 240 / Air	0.32	0.19	N	N	N	Y
			LoE 240 / Argon	0.29	0.19	N	N	N	Y
			LoE 272 / Air	0.31	0.30	N	N	N	N
			LoE 272 / Argon	0.28	0.30	N	N	N	N
			Dual LoE / Air	0.27	0.20	N	N	Y	Y
			Dual LoE / Argon	0.24	0.19	N	Y	Y	Y
			Dual LoE HS / Air	0.27	0.44	N	N	N	N
Dual LoE HS / Argon	0.25	0.44	Y	N	N	N			
Revive Hybrid Awning	3.1mm	3/4"	LoE 366 / Air	0.31	0.20	N	N	N	Y
			LoE 366 / Argon	0.28	0.20	N	N	Y	Y
			LoE 180 / Air	0.32	0.46	N	N	N	N
			LoE 180 / Argon	0.29	0.46	N	N	N	N
			LoE 240 / Air	0.32	0.19	N	N	N	Y
			LoE 240 / Argon	0.29	0.18	N	N	N	Y
			LoE 272 / Air	0.32	0.30	N	N	N	N
			LoE 272 / Argon	0.28	0.30	N	N	N	N
			Dual LoE / Air	0.27	0.20	N	N	Y	Y
			Dual LoE / Argon	0.25	0.19	N	Y	Y	Y
			Dual LoE HS / Air	0.28	0.44	N	N	N	N
Dual LoE HS / Argon	0.26	0.44	Y	N	N	N			
Revive Hybrid Casement Picture	3.9mm	3/4"	LoE 366 / Air	0.31	0.23	N	N	N	Y
			LoE 366 / Argon	0.26	0.22	N	N	Y	Y
			LoE 180 / Air	0.32	0.51	N	N	N	N
			LoE 180 / Argon	0.28	0.51	N	N	N	N
			LoE 240 / Air	0.32	0.21	N	N	N	Y
			LoE 240 / Argon	0.28	0.21	N	N	Y	Y
			LoE 272 / Air	0.31	0.34	N	N	N	N
			LoE 272 / Argon	0.27	0.34	N	N	N	N
			Dual LoE / Air	0.26	0.22	N	N	Y	Y
			Dual LoE / Argon	0.23	0.22	N	Y	Y	Y
			Dual LoE HS / Air	0.27	0.49	N	N	N	N
Dual LoE HS / Argon	0.24	0.49	Y	N	N	N			

Thermal Performance Values

Revive

Product	Pane Thickness	IG Thickness	Glass Type	U-Value	SHGC	Energy Star 7.0 Compliance			
						N	NC	SC	S
Revive Hybrid Double Hung	3.1mm	3/4"	LoE 366 / Air	0.32	0.20	N	N	N	Y
			LoE 366 / Argon	0.29	0.20	N	N	N	Y
			LoE 180 / Air	0.33	0.47	N	N	N	N
			LoE 180 / Argon	0.30	0.47	N	N	N	N
			LoE 240 / Air	0.33	0.19	N	N	N	N
			LoE 240 / Argon	0.30	0.19	N	N	N	Y
			LoE 272 / Air	0.32	0.31	N	N	N	N
			LoE 272 / Argon	0.29	0.30	N	N	N	N
			Dual LoE / Air	0.27	0.20	N	N	Y	Y
			Dual LoE / Argon	0.25	0.20	N	Y	Y	Y
			Dual LoE HS / Air	0.28	0.45	N	N	N	N
Dual LoE HS / Argon	0.26	0.45	Y	N	N	N			
Revive Hybrid Double Hung Picture	3.9mm	3/4"	LoE 366 / Air	0.31	0.21	N	N	N	Y
			LoE 366 / Argon	0.27	0.21	N	N	Y	Y
			LoE 180 / Air	0.32	0.47	N	N	N	N
			LoE 180 / Argon	0.29	0.47	N	N	N	N
			LoE 240 / Air	0.32	0.20	N	N	N	Y
			LoE 240 / Argon	0.28	0.19	N	N	Y	Y
			LoE 272 / Air	0.32	0.31	N	N	N	N
			LoE 272 / Argon	0.28	0.31	N	N	N	N
			Dual LoE / Air	0.26	0.21	N	N	Y	Y
			Dual LoE / Argon	0.24	0.20	N	Y	Y	Y
			Dual LoE HS / Air	0.27	0.45	N	N	N	N
Dual LoE HS / Argon	0.25	0.46	Y	N	N	N			

Assuptions:
 Stainless Steel Spacer
 No Grids
 NFRC Standard Sizes