

Atrium Thermal Summaries Chart October, 2016

Series/Model	Glass Type	U-Value	SHGC	Northern	North-Central	South-Central	Southern	
130 Single Hung	SS Clear Glass No Grid	0.49	0.63					
	DS Clear Glass No Grid	0.49	0.62					
	SS Low-E Glass No Grid	0.36	0.30					
	DS Low-E Glass No Grid	0.35	0.30					
	SS Low-E/Argon Glass No Grid	0.32	0.30					
	DS Low-E/Argon Glass No Grid	0.32	0.29					
	SS Ultra Low-E/Argon No Grid	0.29	0.22		MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon No Grid	0.29	0.22		MEETS	MEETS	MEETS	
	SS Turtle Code Low-E No Grid	0.36	0.21				MEETS	
	DS Turtle Code Low-E No Grid	0.36	0.21				MEETS	
	SS Turtle Code Low-E/Argon No Grid	0.33	0.20				MEETS	
	DS Turtle Code Low-E/Argon No Grid	0.33	0.20				MEETS	
	SS Clear Glass with Grid	0.49	0.57					
	DS Clear Glass with Grid	0.49	0.55					
	SS Low-E Glass with Grid	0.36	0.27					
	DS Low-E Glass with Grid	0.35	0.27					
	SS Low-E/Argon Glass with Grid	0.32	0.27					
	DS Low-E/Argon Glass with Grid	0.32	0.27					
	SS Ultra Low-E/Argon with Grid	0.29	0.20		MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with Grid	0.29	0.20		MEETS	MEETS	MEETS	
	SS Turtle Code Low-E No Grid	0.36	0.19				MEETS	
	DS Turtle Code Low-E No Grid	0.36	0.19				MEETS	
	SS Turtle Code Low-E/Argon No Grid	0.33	0.19				MEETS	
	DS Turtle Code Low-E/Argon No Grid	0.33	0.18				MEETS	
	SS Clear Glass with SDL	0.49	0.50					
	DS Clear Glass with SDL	0.49	0.49					
	SS Low-E Glass with SDL	0.36	0.24				MEETS	
	DS Low-E Glass with SDL	0.35	0.24				MEETS	
	SS Low-E/Argon Glass with SDL	0.32	0.24				MEETS	
	DS Low-E/Argon Glass with SDL	0.32	0.24				MEETS	
	SS Ultra Low-E/Argon with SDL	0.29	0.18		MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with SDL	0.29	0.20		MEETS	MEETS	MEETS	
	SS Turtle Code Low-E with SDL	0.36	0.17				MEETS	
	DS Turtle Code Low-E with SDL	0.36	0.17				MEETS	
	SS Turtle Code Low-E/Argon with SDL	0.33	0.17				MEETS	
	DS Turtle Code Low-E/Argon with SDL	0.33	0.17				MEETS	
	130 Horizontal Sliders	SS Clear Glass No Grid	0.49	0.62				
		DS Clear Glass No Grid	0.49	0.61				
		SS Low-E Glass No Grid	0.35	0.30				
		DS Low-E Glass No Grid	0.35	0.30				
SS Low-E/Argon Glass No Grid		0.32	0.29					
DS Low-E/Argon Glass No Grid		0.29	0.22		MEETS	MEETS	MEETS	
SS Ultra Low-E/Argon No Grid		0.29	0.22		MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon No Grid		0.29	0.22		MEETS	MEETS	MEETS	
SS Low-E/Argon Glass No Grid		0.31	0.22				MEETS	
DS Low-E/Argon Glass No Grid		0.36	0.21				MEETS	
SS Turtle Code Low-E No Grid		0.35	0.21				MEETS	
DS Turtle Code Low-E No Grid		0.32	0.20				MEETS	
SS Turtle Code Low-E/Argon No Grid		0.32	0.20				MEETS	
DS Turtle Code Low-E/Argon No Grid		0.32	0.20				MEETS	
SS Clear Glass with Grid		0.49	0.56					
DS Clear Glass with Grid		0.49	0.55					
SS Low-E Glass with Grid		0.35	0.27					
DS Low-E Glass with Grid		0.35	0.27					
SS Low-E/Argon Glass with Grid		0.32	0.26					
DS Low-E/Argon Glass with Grid		0.31	0.26					
SS Ultra Low-E/Argon with Grid		0.29	0.20		MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon with Grid		0.29	0.20		MEETS	MEETS	MEETS	
SS Turtle Code Low-E with Grid		0.36	0.19				MEETS	
DS Turtle Code Low-E with Grid		0.35	0.19				MEETS	
SS Turtle Code Low-E/Argon with Grid		0.32	0.18				MEETS	
DS Turtle Code Low-E/Argon with Grid		0.32	0.18				MEETS	
SS Clear Glass with SDL		0.49	0.50					
DS Clear Glass with SDL		0.49	0.49					
SS Low-E Glass with SDL		0.35	0.24				MEETS	
DS Low-E Glass with SDL		0.35	0.24				MEETS	
SS Low-E/Argon Glass with SDL		0.32	0.24				MEETS	
DS Low-E/Argon Glass with SDL		0.31	0.24				MEETS	
SS Ultra Low-E/Argon with SDL		0.29	0.20		MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon with SDL		0.29	0.20		MEETS	MEETS	MEETS	
SS Turtle Code Low-E with SDL		0.36	0.17				MEETS	
DS Turtle Code Low-E with SDL		0.35	0.17				MEETS	
SS Turtle Code Low-E/Argon with SDL		0.32	0.17				MEETS	
DS Turtle Code Low-E/Argon with SDL		0.32	0.17				MEETS	
130 Picture WindowSpecial Shapes		DS Clear Glass No Grid	0.48	0.65				
		DS Low-E Glass No Grid	0.34	0.31				
	DS Low-E/Argon Glass No Grid	0.30	0.31		MEETS			
	DS Ultra Low-E/Argon No Grid	0.29	0.23		MEETS	MEETS	MEETS	
	DS Turtle Code Low-E Glass No Grid	0.34	0.22				MEETS	
	DS Turtle Code Low-E/Argon No Grid	0.30	0.21		MEETS	MEETS	MEETS	
	DS Clear Glass with Grid	0.48	0.58					
	DS Low-E Glass with Grid	0.34	0.28					
	DS Low-E/Argon Glass with Grid	0.30	0.28		MEETS			
	DS Ultra Low-E/Argon with Grid	0.29	0.21		MEETS	MEETS	MEETS	
	DS Turtle Code Low-E Glass with Grid	0.34	0.20				MEETS	
	DS Turtle Code Low-E/Argon with Grid	0.30	0.19		MEETS	MEETS	MEETS	
	DS Clear Glass with SDL	0.48	0.52					
	DS Low-E Glass with SDL	0.34	0.25				MEETS	
	DS Low-E/Argon Glass with SDL	0.30	0.25		MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with SDL	0.29	0.19		MEETS	MEETS	MEETS	
DS Turtle Code Low-E Glass with SDL	0.34	0.18				MEETS		
DS Turtle Code Low-E/Argon with SDL	0.30	0.18		MEETS	MEETS	MEETS		
	SS Clear Glass No Grid	0.49	0.66					
	DS Clear Glass No Grid	0.49	0.64					

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5700/8050 Single Hung	SS Low-E Glass No Grid	0.34	0.31					
	DS Low-E Glass No Grid	0.34	0.31					
	SS Low-E/Argon Glass No Grid	0.31	0.31					
	DS Low-E/Argon Glass No Grid	0.30	0.31	MEETS				
	SS Ultra Low-E No Grid	0.34	0.23				MEETS	
	DS Ultra Low-E No Grid	0.34	0.23				MEETS	
	SS Ultra Low-E/Argon No Grid	0.30	0.23	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon No Grid	0.30	0.23	MEETS	MEETS	MEETS	MEETS	
	SS Clear Glass with Grid	0.49	0.59					
	DS Clear Glass with with Grid	0.49	0.58					
	SS Low-E Glass with with Grid	0.34	0.28					
	DS Low-E Glass with with Grid	0.34	0.28					
	SS Low-E/Argon Glass with with Grid	0.31	0.28					
	DS Low-E/Argon Glass with with Grid	0.30	0.28	MEETS				
	SS Ultra Low-E with with Grid	0.34	0.21				MEETS	
	DS Ultra Low-E with with Grid	0.34	0.21				MEETS	
	SS Ultra Low-E/Argon with with Grid	0.30	0.21	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with with Grid	0.30	0.21	MEETS	MEETS	MEETS	MEETS	
	150/160 Single Hung	SS Clear Glass No Grid	0.49	0.62				
		DS Clear Glass No Grid	0.49	0.61				
SS Low-E Glass No Grid		0.35	0.29					
DS Low-E Glass No Grid		0.35	0.29					
SS Low-E/Argon Glass No Grid		0.32	0.29					
DS Low-E/Argon Glass No Grid		0.32	0.29					
SS Ultra Low-E/Argon No Grid		0.30	0.22	MEETS	MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon No Grid		0.30	0.22	MEETS	MEETS	MEETS	MEETS	
DS Northern Energy Star No Grid		0.27	0.22	MEETS	MEETS	MEETS	MEETS	
SS Clear Glass with Grid		0.49	0.56					
DS Clear Glass with Grid		0.49	0.55					
SS Low-E Glass with Grid		0.35	0.27					
DS Low-E Glass with Grid		0.35	0.26					
SS Low-E/Argon Glass with Grid		0.32	0.26					
DS Low-E/Argon Glass with Grid		0.32	0.26					
SS Ultra Low-E/Argon with Grid		0.30	0.20	MEETS	MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon with Grid		0.30	0.20	MEETS	MEETS	MEETS	MEETS	
DS Northern Energy Star with Grid		0.27	0.20	MEETS	MEETS	MEETS	MEETS	
SS Clear Glass with SDL		0.49	0.50					
DS Clear Glass with SDL		0.51	0.49					
SS Low-E Glass with SDL	0.36	0.27						
DS Low-E Glass with SDL	0.39	0.27						
SS Low-E/Argon Glass with SDL	0.32	0.26						
DS Low-E/Argon Glass with SDL	0.34	0.24				MEETS		
SS Ultra Low-E/Argon Glass with SDL	0.30	0.20	MEETS	MEETS	MEETS	MEETS		
DS Ultra Low-E/Argon Glass with SDL	0.32	0.20				MEETS		
151/161 Horizontal Sliders	SS Clear Glass No Grid	0.48	0.62					
	DS Clear Glass No Grid	0.48	0.61					
	SS Low-E Glass No Grid	0.35	0.29					
	DS Low-E Glass No Grid	0.35	0.29					
	SS Low-E/Argon Glass No Grid	0.31	0.29					
	DS Low-E/Argon Glass No Grid	0.31	0.29					
	SS Ultra Low-E/Argon No Grid	0.29	0.22	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon No Grid	0.29	0.22	MEETS	MEETS	MEETS	MEETS	
	DS Northern Energy Star No Grid	0.27	0.21	MEETS	MEETS	MEETS	MEETS	
	SS Clear Glass with Grid	0.48	0.56					
	DS Clear Glass with Grid	0.48	0.55					
	SS Low-E Glass with Grid	0.35	0.26					
	DS Low-E Glass with Grid	0.35	0.26					
	SS Low-E/Argon Glass with Grid	0.31	0.26					
	DS Low-E/Argon Glass with Grid	0.31	0.26					
	SS Ultra Low-E/Argon with Grid	0.29	0.20	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with Grid	0.29	0.20	MEETS	MEETS	MEETS	MEETS	
	DS Northern Energy Star with Grid	0.27	0.19	MEETS	MEETS	MEETS	MEETS	
	SS Clear Glass with SDL	0.49	0.50					
	DS Clear Glass with SDL	0.50	0.49					
SS Low-E Glass with SDL	0.35	0.27						
DS Low-E Glass with SDL	0.38	0.27						
SS Low-E/Argon Glass with SDL	0.31	0.26						
DS Low-E/Argon Glass with SDL	0.33	0.26						
SS Ultra Low-E/Argon Glass with SDL	0.29	0.20	MEETS	MEETS	MEETS	MEETS		
DS Ultra Low-E/Argon Glass with SDL	0.32	0.20				MEETS		
150 Picture WindowSpecial Shapes	DS Clear Glass No Grid	0.47	0.63					
	DS Low-E Glass No Grid	0.33	0.31					
	DS Low-E/Argon Glass No Grid	0.29	0.30		MEETS			
	DS Ultra Low-E/Argon No Grid	0.27	0.23	MEETS	MEETS	MEETS	MEETS	
	DS Northern Energy Star No Grid	0.27	0.23	MEETS	MEETS	MEETS	MEETS	
	DS Clear Glass with Grid	0.47	0.57					
	DS Low-E Glass with Grid	0.33	0.28					
	DS Low-E/Argon Glass with Grid	0.29	0.27		MEETS			
	DS Ultra Low-E/Argon with Grid	0.27	0.21	MEETS	MEETS	MEETS	MEETS	
	DS Northern Energy Star with Grid	0.27	0.21	MEETS	MEETS	MEETS	MEETS	
	DS Clear Glass with SDL	0.47	0.51					
	DS Low-E Glass with SDL	0.33	0.28					
	DS Low-E/Argon Glass with SDL	0.29	0.27		MEETS			
DS Ultra Low-E/Argon Glass with SDL	0.27	0.19	MEETS	MEETS	MEETS	MEETS		
	SS Clear Glass No Grid	0.47	0.58					
	DS Clear Glass No Grid	0.47	0.57					
	SS Low-E Glass No Grid	0.35	0.28					
	DS Low-E Glass No Grid	0.35	0.28					

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450/455/460/465 Double Hung	SS Low-E/Argon Glass No Grid	0.32	0.27					
	DS Low-E/Argon Glass No Grid	0.32	0.27					
	SS Ultra Low-E/Argon No Grid	0.30	0.20		MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon No Grid	0.30	0.20		MEETS	MEETS	MEETS	
	SS Northern Energy Star No Grid	0.28	0.38		MEETS	MEETS		
	DS Northern Energy Star No Grid	0.28	0.37		MEETS	MEETS		
	SS Clear Glass with Grid	0.47	0.52					
	DS Clear Glass with Grid	0.47	0.51					
	SS Low-E Glass with Grid	0.35	0.25				MEETS	
	DS Low-E Glass with Grid	0.35	0.25				MEETS	
	SS Low-E/Argon Glass with Grid	0.32	0.25				MEETS	
	DS Low-E/Argon Glass with Grid	0.32	0.25				MEETS	
	SS Ultra Low-E/Argon with Grid	0.30	0.18		MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with Grid	0.30	0.18		MEETS	MEETS	MEETS	
	SS Northern Energy Star with Grid	0.28	0.34		MEETS	MEETS		
	DS Northern Energy Star with Grid	0.28	0.33		MEETS	MEETS		
	SS Clear Glass with SDL	0.48	0.46					
	DS Clear Glass with SDL	0.49	0.45					
	SS Low-E Glass with SDL	0.35	0.25				MEETS	
	DS Low-E Glass with SDL	0.36	0.25				MEETS	
	SS Low-E/Argon Glass with SDL	0.31	0.25				MEETS	
	DS Low-E/Argon Glass with SDL	0.32	0.25				MEETS	
	SS Ultra Low-E/Argon Glass with SDL	0.30	0.17		MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon Glass with SDL	0.30	0.17		MEETS	MEETS	MEETS	
	451/461 Horizontal Sliders	SS Clear Glass No Grid	0.47	0.59				
		DS Clear Glass No Grid	0.47	0.58				
		SS Low-E Glass No Grid	0.34	0.28				
		DS Low-E Glass No Grid	0.34	0.28				
SS Low-E/Argon Glass No Grid		0.30	0.28		MEETS			
DS Low-E/Argon Glass No Grid		0.30	0.28		MEETS			
SS Ultra Low-E/Argon No Grid		0.30	0.21		MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon No Grid		0.29	0.21		MEETS	MEETS	MEETS	
SS Northern Energy Star No Grid		0.28	0.38		MEETS	MEETS		
DS Northern Energy Star No Grid		0.28	0.38		MEETS	MEETS		
SS Clear Glass with Grid		0.47	0.53					
DS Clear Glass with Grid		0.47	0.52					
SS Low-E Glass with Grid		0.34	0.25				MEETS	
DS Low-E Glass with Grid		0.34	0.25				MEETS	
SS Low-E/Argon Glass with Grid		0.30	0.25		MEETS	MEETS	MEETS	
DS Low-E/Argon Glass with Grid		0.30	0.25		MEETS	MEETS	MEETS	
SS Ultra Low-E/Argon with Grid		0.29	0.19		MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon with Grid		0.29	0.19		MEETS	MEETS	MEETS	
SS Northern Energy Star with Grid		0.28	0.34		MEETS	MEETS		
DS Northern Energy Star with Grid		0.28	0.34		MEETS	MEETS		
SS Clear Glass with SDL		0.48	0.49					
DS Clear Glass with SDL		0.48	0.48					
SS Low-E Glass with SDL		0.34	0.25				MEETS	
DS Low-E Glass with SDL		0.35	0.25				MEETS	
SS Low-E/Argon Glass with SDL		0.30	0.25		MEETS	MEETS	MEETS	
DS Low-E/Argon Glass with SDL		0.31	0.25				MEETS	
SS Ultra Low-E/Argon Glass with SDL		0.32	0.17				MEETS	
DS Ultra Low-E/Argon Glass with SDL		0.32	0.17				MEETS	
450/460 Picture WindowSpecial Shapes	DS Clear Glass No Grid	0.44	0.62					
	DS Low-E Glass No Grid	0.30	0.30		MEETS			
	DS Low-E/Argon Glass No Grid	0.26	0.30		MEETS	MEETS		
	DS Ultra Low-E/Argon No Grid	0.26	0.22		MEETS	MEETS	MEETS	
	DS Northern Energy Star No Grid	0.26	0.40		MEETS	MEETS		
	DS Clear Glass with Grid	0.44	0.56					
	DS Low-E Glass with Grid	0.30	0.27			MEETS		
	DS Low-E/Argon Glass with Grid	0.26	0.27		MEETS	MEETS		
	DS Ultra Low-E/Argon with Grid	0.26	0.20		MEETS	MEETS	MEETS	
	DS Northern Energy Star with Grid	0.26	0.36		MEETS	MEETS		
	DS Clear Glass with SDL	0.44	0.50					
	DS Low-E Glass with SDL	0.30	0.27			MEETS		
	DS Low-E/Argon Glass with SDL	0.26	0.27		MEETS	MEETS		
	DS Ultra Low-E/Argon Glass with SDL	0.30	0.18		MEETS	MEETS	MEETS	
315 Transom	DS Clear Glass No Grid	0.47	0.68					
	DS Low-E Glass No Grid	0.32	0.32					
	DS Low-E/Argon Glass No Grid	0.28	0.32		MEETS			
	DS Ultra Low-E/Argon No Grid	0.28	0.24		MEETS	MEETS	MEETS	
	DS Clear Glass with Grid	0.47	0.61					
	DS Low-E Glass with Grid	0.32	0.29					
	DS Low-E/Argon Glass with Grid	0.28	0.29		MEETS			
	DS Ultra Low-E/Argon with Grid	0.28	0.22		MEETS	MEETS	MEETS	
	DS Clear Glass with SDL	0.47	0.61					
	DS Low-E Glass with SDL	0.32	0.29					
	DS Ultra Low-E/Argon Glass with SDL	0.28	0.29		MEETS			
	DS Low-E/Argon Glass with SDL	0.28	0.22		MEETS	MEETS	MEETS	
	DS Clear Glass No Grid	0.46	0.63					
	DS Low-E Glass No Grid	0.33	0.30					
DS Low-E/Argon Glass No Grid	0.29	0.30		MEETS				
DS Ultra Low-E/Argon No Grid	0.28	0.22		MEETS	MEETS	MEETS		
DS Clear Glass with Grid	0.46	0.57						
DS Low-E Glass with Grid	0.33	0.27						
DS Low-E/Argon Glass with Grid	0.29	0.27		MEETS				
DS Ultra Low-E/Argon with Grid	0.28	0.20		MEETS	MEETS	MEETS		
DS Clear Glass with SDL	0.46	0.57						
DS Low-E Glass with SDL	0.33	0.27						
DS Low-E/Argon Glass with SDL	0.29	0.27		MEETS				
DS Ultra Low-E/Argon Glass with SDL	0.28	0.20		MEETS	MEETS	MEETS		
316 Side Lite	DS Clear Glass No Grid	0.48	0.63					
	DS Low-E Glass No Grid	0.33	0.32					
	DS Low-E/Argon Glass No Grid	0.29	0.32		MEETS			
	DS Ultra Low-E/Argon No Grid	0.30	0.22		MEETS	MEETS	MEETS	
	DS Clear Glass with Grid	0.48	0.56					
	DS Low-E Glass with Grid	0.33	0.29					
325 Transom	DS Clear Glass No Grid	0.48	0.63					
	DS Low-E Glass No Grid	0.33	0.32					
	DS Low-E/Argon Glass No Grid	0.29	0.32		MEETS			
	DS Ultra Low-E/Argon No Grid	0.30	0.22		MEETS	MEETS	MEETS	
	DS Clear Glass with Grid	0.48	0.56					
	DS Low-E Glass with Grid	0.33	0.29					

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336 Horizon	DS Low-E/Argon Glass with Grid	0.29	0.29		MEETS		
	DS Ultra Low-E/Argon with Grid	0.30	0.20		MEETS	MEETS	MEETS
	DS Clear Glass with SDL	0.48	0.51				
	DS Low-E Glass with SDL	0.33	0.29				
	DS Low-E/Argon Glass with SDL	0.29	0.29		MEETS		
	DS Ultra Low-E/Argon Glass with SDL	0.28	0.21		MEETS	MEETS	MEETS
336 Side Lite	DS Clear Glass No Grid	0.47	0.65				
	DS Low-E Glass No Grid	0.33	0.30				
	DS Low-E/Argon Glass No Grid	0.30	0.30		MEETS		
	DS Ultra Low-E/Argon No Grid	0.29	0.22		MEETS	MEETS	MEETS
	DS Clear Glass with Grid	0.47	0.56				
	DS Low-E Glass with Grid	0.33	0.27				
	DS Low-E/Argon Glass with Grid	0.30	0.27		MEETS		
	DS Ultra Low-E/Argon with Grid	0.29	0.20		MEETS	MEETS	MEETS
	DS Clear Glass with SDL	0.47	0.50				
	DS Low-E Glass with SDL	0.33	0.27				
8100 Single-Hung	DS Low-E/Argon Glass with SDL	0.30	0.27		MEETS		
	DS Ultra Low-E/Argon Glass with SDL	0.29	0.20		MEETS	MEETS	MEETS
	SS Clear Glass No Grid	0.49	0.62				
	DS Clear Glass No Grid	0.49	0.61				
	SS Low-E Glass No Grid	0.36	0.29				
	DS Low-E Glass No Grid	0.36	0.29				
	SS Low-E/Argon Glass No Grid	0.33	0.29				
	DS Low-E/Argon Glass No Grid	0.32	0.29				
	SS Ultra Low-E/Argon No Grid	0.30	0.22		MEETS	MEETS	MEETS
	DS Ultra Low-E/Argon No Grid	0.30	0.22		MEETS	MEETS	MEETS
	SS Clear Glass with Grid	0.49	0.55				
	DS Clear Glass with Grid	0.49	0.54				
	SS Low-E Glass with Grid	0.36	0.26				
	DS Low-E Glass with Grid	0.36	0.26				
8100 Horizontal Sliders	SS Low-E/Argon Glass with Grid	0.33	0.26				
	DS Low-E/Argon Glass with Grid	0.32	0.26				
	SS Ultra Low-E/Argon with Grid	0.30	0.20		MEETS	MEETS	MEETS
	DS Ultra Low-E/Argon with Grid	0.30	0.20		MEETS	MEETS	MEETS
	SS Clear Glass No Grid	0.48	0.62				
	DS Clear Glass No Grid	0.48	0.61				
	SS Low-E Glass No Grid	0.34	0.29				
	DS Low-E Glass No Grid	0.34	0.29				
	SS Low-E/Argon Glass No Grid	0.31	0.29				
	DS Low-E/Argon Glass No Grid	0.31	0.29				
	SS Ultra Low-E/Argon No Grid	0.30	0.22		MEETS	MEETS	MEETS
	DS Ultra Low-E/Argon No Grid	0.30	0.22		MEETS	MEETS	MEETS
	SS Clear Glass with Grid	0.48	0.55				
	DS Clear Glass with Grid	0.48	0.54				
8100 Picture Window Special Shapes	SS Low-E Glass with Grid	0.34	0.26				
	DS Low-E Glass with Grid	0.34	0.26				
	SS Low-E/Argon Glass with Grid	0.31	0.26				
	DS Low-E/Argon Glass with Grid	0.31	0.26				
	SS Ultra Low-E/Argon with Grid	0.30	0.20		MEETS	MEETS	MEETS
	DS Ultra Low-E/Argon with Grid	0.30	0.20		MEETS	MEETS	MEETS
	SS Clear Glass No Grid	0.45	0.63				
	DS Low-E Glass No Grid	0.30	0.30		MEETS		
	DS Low-E/Argon Glass No Grid	0.26	0.30		MEETS	MEETS	MEETS
	DS Ultra Low-E/Argon No Grid	0.26	0.22		MEETS	MEETS	MEETS
8300 Double Hung	DS Clear Glass with Grid	0.45	0.57				
	DS Low-E Glass with Grid	0.30	0.28		MEETS		
	DS Low-E/Argon Glass with Grid	0.26	0.27		MEETS	MEETS	
	DS Ultra Low-E/Argon with Grid	0.26	0.20		MEETS	MEETS	MEETS
	SS Clear Glass No Grid	0.47	0.61				
	DS Clear Glass No Grid	0.47	0.60				
	SS Low-E Glass No Grid	0.34	0.29				
	DS Low-E Glass No Grid	0.34	0.29				
	SS Low-E/Argon Glass No Grid	0.31	0.29				
	DS Low-E/Argon Glass No Grid	0.31	0.28				
	SS Ultra Low-E/Argon No Grid	0.30	0.21		MEETS	MEETS	MEETS
	DS Ultra Low-E/Argon No Grid	0.30	0.21		MEETS	MEETS	MEETS
	SS Northern Energy Star No Grid	0.29	0.39		MEETS	MEETS	
	DS Northern Energy Star No Grid	0.29	0.38		MEETS	MEETS	
8300 Picture Window	SS Clear Glass with Grid	0.47	0.54				
	DS Clear Glass with Grid	0.47	0.53				
	SS Low-E Glass with Grid	0.34	0.26				
	DS Low-E Glass with Grid	0.34	0.26				
	SS Low-E/Argon Glass with Grid	0.31	0.26				
	DS Low-E/Argon Glass with Grid	0.31	0.26				
	SS Ultra Low-E/Argon with Grid	0.30	0.19		MEETS	MEETS	MEETS
	DS Ultra Low-E/Argon with Grid	0.30	0.19		MEETS	MEETS	MEETS
	SS Northern Energy Star with Grid	0.28	0.35		MEETS	MEETS	
	DS Northern Energy Star with Grid	0.28	0.34		MEETS	MEETS	
	SS Clear Glass No Grid	0.45	0.65				
	DS Clear Glass No Grid	0.45	0.65				
	SS Low-E Glass No Grid	0.30	0.31		MEETS		
	DS Low-E Glass No Grid	0.26	0.31		MEETS	MEETS	
SS Ultra Low-E/Argon No Grid	0.25	0.23		MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon No Grid	0.25	0.23		MEETS	MEETS	MEETS	
SS Northern Energy Star No Grid	0.26	0.42		MEETS			
DS Clear Glass with Grid	0.45	0.58					
DS Low-E Glass with Grid	0.30	0.28		MEETS			
SS Low-E/Argon Glass with Grid	0.26	0.28		MEETS	MEETS		
DS Low-E/Argon Glass with Grid	0.25	0.21		MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon with Grid	0.25	0.21		MEETS	MEETS	MEETS	
SS Northern Energy Star with Grid	0.26	0.38		MEETS	MEETS		
336 Horizon	SS Clear Glass No Grid	0.48	0.63				
	DS Clear Glass No Grid	0.48	0.61				
	SS Low-E Glass No Grid	0.34	0.30				
	DS Low-E Glass No Grid	0.34	0.30				
	SS Low-E/Argon Glass No Grid	0.31	0.29				
	DS Low-E/Argon Glass No Grid	0.31	0.29				
	SS Ultra Low-E/Argon No Grid	0.30	0.22		MEETS	MEETS	MEETS
	DS Ultra Low-E/Argon No Grid	0.30	0.22		MEETS	MEETS	MEETS
	SS Northern Energy Star No Grid	0.29	0.39		MEETS	MEETS	
	DS Northern Energy Star No Grid	0.29	0.38		MEETS	MEETS	

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8300 Horizontal Sliders	SS Northern Energy Star No Grid	0.28	0.40	MEETS	MEETS			
	DS Northern Energy Star No Grid	0.28	0.36	MEETS	MEETS			
	SS Clear Glass with Grid	0.48	0.56					
	DS Clear Glass with Grid	0.48	0.55					
	SS Low-E Glass with Grid	0.34	0.27					
	DS Low-E Glass with Grid	0.34	0.27					
	SS Low-E/Argon Glass with Grid	0.31	0.27					
	DS Low-E/Argon Glass with Grid	0.31	0.26					
	SS Ultra Low-E/Argon with Grid	0.30	0.20		MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with Grid	0.30	0.20		MEETS	MEETS	MEETS	
	SS Northern Energy Star with Grid	0.28	0.36	MEETS	MEETS			
	DS Northern Energy Star with Grid	0.28	0.36	MEETS	MEETS			
	8700 Double Hung	SS Clear Glass No Grid	0.47	0.60				
		DS Clear Glass No Grid	0.47	0.59				
SS Low-E Glass No Grid		0.34	0.28					
DS Low-E Glass No Grid		0.34	0.28					
SS Low-E/Argon Glass No Grid		0.31	0.28					
DS Low-E/Argon Glass No Grid		0.31	0.28					
SS Ultra Low-E/Argon No Grid		0.29	0.21		MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon No Grid		0.29	0.21		MEETS	MEETS	MEETS	
SS Clear Glass with Grid		0.47	0.54					
DS Clear Glass with Grid		0.47	0.52					
SS Low-E Glass with Grid		0.34	0.25				MEETS	
DS Low-E Glass with Grid		0.34	0.25				MEETS	
SS Low-E/Argon Glass with Grid		0.31	0.25				MEETS	
DS Low-E/Argon Glass with Grid		0.31	0.25				MEETS	
SS Ultra Low-E/Argon with Grid		0.29	0.19		MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon with Grid		0.29	0.19		MEETS	MEETS	MEETS	
SS Clear Glass with SDL		0.48	0.48					
DS Clear Glass with SDL		0.49	0.47					
SS Low-E Glass with SDL		0.35	0.23				MEETS	
DS Low-E Glass with SDL		0.38	0.23				MEETS	
SS Low-E/Argon Glass with SDL	0.31	0.23				MEETS		
DS Low-E/Argon Glass with SDL	0.33	0.23				MEETS		
SS Ultra Low-E/Argon Glass with SDL	0.32	0.17				MEETS		
DS Ultra Low-E/Argon Glass with SDL	0.32	0.17				MEETS		
8700 Picture Window	DS Clear Glass No Grid	0.45	0.65					
	DS Low-E Glass No Grid	0.30	0.31		MEETS			
	DS Low-E/Argon Glass No Grid	0.26	0.31	MEETS	MEETS			
	DS Ultra Low-E/Argon No Grid	0.25	0.23	MEETS	MEETS	MEETS	MEETS	
	DS Clear Glass with Grid	0.45	0.58					
	DS Low-E Glass with Grid	0.30	0.28		MEETS			
	DS Low-E/Argon Glass with Grid	0.26	0.28	MEETS	MEETS			
	DS Ultra Low-E/Argon with Grid	0.25	0.21	MEETS	MEETS	MEETS	MEETS	
	DS Clear Glass with SDL	0.45	0.52					
	DS Low-E Glass with SDL	0.30	0.25		MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass with SDL	0.26	0.25	MEETS	MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon Glass with SDL	0.25	0.19	MEETS	MEETS	MEETS	MEETS		
8700 Horizontal Sliders	SS Clear Glass No Grid	0.46	0.62					
	DS Clear Glass No Grid	0.46	0.60					
	SS Low-E Glass No Grid	0.33	0.29					
	DS Low-E Glass No Grid	0.33	0.29					
	SS Low-E/Argon Glass No Grid	0.30	0.29		MEETS			
	DS Low-E/Argon Glass No Grid	0.29	0.29		MEETS			
	SS Ultra Low-E/Argon No Grid	0.29	0.21		MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon No Grid	0.29	0.21		MEETS	MEETS	MEETS	
	SS Clear Glass with Grid	0.47	0.55					
	DS Clear Glass with Grid	0.47	0.54					
	SS Low-E Glass with Grid	0.33	0.26					
	DS Low-E Glass with Grid	0.33	0.26					
	SS Low-E/Argon Glass with Grid	0.30	0.26		MEETS			
	DS Low-E/Argon Glass with Grid	0.29	0.26		MEETS			
	SS Ultra Low-E/Argon with Grid	0.29	0.19		MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with Grid	0.29	0.19		MEETS	MEETS	MEETS	
	SS Clear Glass with SDL	0.47	0.49					
	DS Clear Glass with SDL	0.48	0.48					
	SS Low-E Glass with SDL	0.33	0.24				MEETS	
	DS Low-E Glass with SDL	0.37	0.24				MEETS	
SS Low-E/Argon Glass with SDL	0.29	0.23		MEETS	MEETS	MEETS		
DS Low-E/Argon Glass with SDL	0.32	0.23		MEETS	MEETS	MEETS		
SS Ultra Low-E/Argon Glass with SDL	0.29	0.18		MEETS	MEETS	MEETS		
DS Ultra Low-E/Argon Glass with SDL	0.31	0.18		MEETS	MEETS	MEETS		
600 Hopper	DS Clear Glass No Grid	0.44	0.57					
700/750 Picture Window Special Shapes	DS Clear Glass No Grid	0.47	0.67					
	DS Low-E Glass No Grid	0.31	0.32					
	DS Low-E/Argon Glass No Grid	0.28	0.32		MEETS			
	DS Ultra Low-E/Argon No Grid	0.27	0.24	MEETS	MEETS	MEETS	MEETS	
	DS Clear Glass with Grid	0.47	0.60					
	DS Low-E Glass with Grid	0.31	0.29					
	DS Low-E/Argon Glass with Grid	0.28	0.29		MEETS			
	DS Ultra Low-E/Argon with Grid	0.27	0.21	MEETS	MEETS	MEETS	MEETS	
	DS Clear Glass with SDL	0.47	0.54					
	DS Low-E Glass with SDL	0.31	0.29					
	DS Low-E/Argon Glass with SDL	0.28	0.29		MEETS			
	DS Ultra Low-E/Argon Glass with SDL	0.27	0.21	MEETS	MEETS	MEETS	MEETS	
	SS Clear Glass No Grid	0.42	0.53					
	DS Clear Glass No Grid	0.42	0.52					
	SS Low-E Glass No Grid	0.31	0.25				MEETS	
	DS Low-E Glass No Grid	0.31	0.25				MEETS	
	SS Low-E/Argon Glass No Grid	0.28	0.25		MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass No Grid	0.28	0.25		MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon No Grid	0.27	0.19	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon No Grid	0.27	0.19	MEETS	MEETS	MEETS	MEETS	
	SS Clear Glass with Grid	0.42	0.48					
	DS Clear Glass with Grid	0.42	0.47					

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700/750 Casement	SS Low-E Glass with Grid	0.31	0.23				MEETS	
	DS Low-E Glass with Grid	0.31	0.23				MEETS	
	SS Low-E/Argon Glass with Grid	0.28	0.23		MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass with Grid	0.28	0.23		MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon with Grid	0.27	0.17	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with Grid	0.27	0.17	MEETS	MEETS	MEETS	MEETS	
	SS Clear Glass with SDL	0.42	0.44					
	DS Clear Glass with SDL	0.42	0.44					
	SS Low-E Glass with SDL	0.31	0.23				MEETS	
	DS Low-E Glass with SDL	0.31	0.23				MEETS	
	SS Low-E/Argon Glass with SDL	0.28	0.23		MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass with SDL	0.28	0.23		MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon Glass with SDL	0.28	0.17		MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon Glass with SDL	0.28	0.17		MEETS	MEETS	MEETS	
705/755 Awning	SS Clear Glass No Grid	0.43	0.53					
	DS Clear Glass No Grid	0.43	0.52					
	SS Low-E Glass No Grid	0.31	0.25				MEETS	
	DS Low-E Glass No Grid	0.31	0.25				MEETS	
	SS Low-E/Argon Glass No Grid	0.28	0.25		MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass No Grid	0.28	0.25		MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon No Grid	0.28	0.19		MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon No Grid	0.28	0.18		MEETS	MEETS	MEETS	
	SS Clear Glass with Grid	0.43	0.48					
	DS Clear Glass with Grid	0.43	0.52					
	SS Low-E Glass with Grid	0.31	0.23				MEETS	
	DS Low-E Glass with Grid	0.31	0.23				MEETS	
	SS Low-E/Argon Glass with Grid	0.28	0.23		MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass with Grid	0.28	0.23		MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon with Grid	0.28	0.17		MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with Grid	0.28	0.17		MEETS	MEETS	MEETS	
	SS Clear Glass with SDL	0.43	0.44					
	DS Clear Glass with SDL	0.43	0.43					
	SS Low-E Glass with SDL	0.31	0.23				MEETS	
	DS Low-E Glass with SDL	0.31	0.23				MEETS	
	SS Low-E/Argon Glass with SDL	0.28	0.23		MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass with SDL	0.28	0.23		MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon Glass with SDL	0.28	0.17		MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon Glass with SDL	0.28	0.17		MEETS	MEETS	MEETS	
8900 Double Hung Dual Pane IG Intercept Spacer	SS Clear Glass No Grid	0.45	0.57					
	DS Clear Glass No Grid	0.45	0.56					
	SS Low-E Glass No Grid	0.32	0.27					
	DS Low-E Glass No Grid	0.32	0.27					
	SS Low-E/Argon Glass No Grid	0.29	0.27		MEETS			
	DS Low-E/Argon Glass No Grid	0.29	0.27		MEETS			
	SS Ultra Low-E/Argon No Grid	0.29	0.20		MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon No Grid	0.29	0.20		MEETS	MEETS	MEETS	
	SS Northern Energy Star No Grid	0.28	0.37		MEETS	MEETS		
	DS Northern Energy Star No Grid	0.28	0.36		MEETS	MEETS		
	SS Clear Glass with Grid	0.45	0.51					
	DS Clear Glass with Grid	0.45	0.50					
	SS Low-E Glass with Grid	0.32	0.24				MEETS	
	DS Low-E Glass with Grid	0.32	0.24				MEETS	
	SS Low-E/Argon Glass with Grid	0.29	0.24		MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass with Grid	0.29	0.24		MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon with Grid	0.29	0.18		MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with Grid	0.29	0.18		MEETS	MEETS	MEETS	
	SS Northern Energy Star with Grid	0.28	0.33		MEETS	MEETS		
	DS Northern Energy Star with Grid	0.28	0.32		MEETS	MEETS		
	SS Clear Glass with SDL	0.45	0.45					
	DS Clear Glass with SDL	0.45	0.44					
	SS Low-E Glass with SDL	0.32	0.24				MEETS	
	DS Low-E Glass with SDL	0.32	0.24				MEETS	
	SS Low-E/Argon Glass with SDL	0.29	0.24		MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass with SDL	0.29	0.24		MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon with SDL	0.29	0.16		MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with SDL	0.29	0.16		MEETS	MEETS	MEETS	
	8900 Double Hung Dual Pane IG Intercept Spacer with InsulKor™ Foam Option	SS Clear Glass No Grid	0.45	0.57				
		DS Clear Glass No Grid	0.45	0.56				
SS Low-E Glass No Grid		0.31	0.27					
DS Low-E Glass No Grid		0.31	0.27					
SS Low-E/Argon Glass No Grid		0.28	0.27		MEETS			
DS Low-E/Argon Glass No Grid		0.28	0.27		MEETS			
SS Ultra Low-E/Argon No Grid		0.28	0.20		MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon No Grid		0.28	0.20		MEETS	MEETS	MEETS	
SS Clear Glass with Grid		0.45	0.51					
DS Clear Glass with Grid		0.45	0.50					
SS Low-E Glass with Grid		0.31	0.24				MEETS	
DS Low-E Glass with Grid		0.31	0.24				MEETS	
SS Low-E/Argon Glass with Grid		0.28	0.24		MEETS	MEETS	MEETS	
DS Low-E/Argon Glass with Grid		0.28	0.24		MEETS	MEETS	MEETS	
SS Ultra Low-E/Argon with Grid		0.28	0.18		MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon with Grid		0.28	0.18		MEETS	MEETS	MEETS	
SS Clear Glass with SDL		0.45	0.45					
DS Clear Glass with SDL		0.45	0.44					
SS Low-E Glass with SDL		0.31	0.24				MEETS	
DS Low-E Glass with SDL		0.31	0.24				MEETS	
SS Low-E/Argon Glass with SDL		0.28	0.24		MEETS	MEETS	MEETS	
DS Low-E/Argon Glass with SDL		0.28	0.24		MEETS	MEETS	MEETS	
SS Ultra Low-E/Argon with SDL		0.28	0.16		MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon with SDL		0.28	0.16		MEETS	MEETS	MEETS	
	SS Clear Glass No Grid	0.45	0.57					
	DS Clear Glass No Grid	0.45	0.56					
	SS Low-E Glass No Grid	0.31	0.27					
	DS Low-E Glass No Grid	0.31	0.27					
	SS Low-E/Argon Glass No Grid	0.28	0.27		MEETS			
	DS Low-E/Argon Glass No Grid	0.28	0.27		MEETS			
	SS Ultra Low-E/Argon No Grid	0.28	0.20		MEETS	MEETS	MEETS	

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8900 Double Hung Dual Pane IG with Super Spacer® nXt™ Option	SS Ultra Low-E/Argon No Grid	0.27	0.20	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon No Grid	0.27	0.20	MEETS	MEETS	MEETS	MEETS	
	SS Clear Glass with Grid	0.45	0.51					
	DS Clear Glass with Grid	0.45	0.50					
	SS Low-E Glass with Grid	0.31	0.24				MEETS	
	DS Low-E Glass with Grid	0.31	0.24				MEETS	
	SS Low-E/Argon Glass with Grid	0.28	0.24	MEETS	MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass with Grid	0.28	0.24	MEETS	MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon with Grid	0.27	0.18	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with Grid	0.27	0.18	MEETS	MEETS	MEETS	MEETS	
	SS Clear Glass with SDL	0.45	0.45					
	DS Clear Glass with SDL	0.45	0.44					
	SS Low-E Glass with SDL	0.31	0.24				MEETS	
	DS Low-E Glass with SDL	0.31	0.24				MEETS	
	SS Low-E/Argon Glass with SDL	0.28	0.24	MEETS	MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass with SDL	0.28	0.24	MEETS	MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon with SDL	0.27	0.16	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with SDL	0.27	0.16	MEETS	MEETS	MEETS	MEETS	
	8900 Double Hung Dual Pane IG with Super Spacer® nXt™ Option with InsulKor™ Foam Option	SS Clear Glass No Grid	0.45	0.57				
		DS Clear Glass No Grid	0.45	0.56				
SS Low-E Glass No Grid		0.30	0.27		MEETS			
DS Low-E Glass No Grid		0.30	0.27		MEETS			
SS Low-E/Argon Glass No Grid		0.27	0.27	MEETS	MEETS			
DS Low-E/Argon Glass No Grid		0.27	0.27	MEETS	MEETS			
SS Ultra Low-E/Argon No Grid		0.26	0.20	MEETS	MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon No Grid		0.26	0.20	MEETS	MEETS	MEETS	MEETS	
SS Clear Glass with Grid		0.45	0.51					
DS Clear Glass with Grid		0.45	0.50					
SS Low-E Glass with Grid		0.30	0.24		MEETS	MEETS	MEETS	
DS Low-E Glass with Grid		0.30	0.24		MEETS	MEETS	MEETS	
SS Low-E/Argon Glass with Grid		0.27	0.24	MEETS	MEETS	MEETS	MEETS	
DS Low-E/Argon Glass with Grid		0.27	0.24	MEETS	MEETS	MEETS	MEETS	
SS Ultra Low-E/Argon with Grid		0.26	0.18	MEETS	MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon with Grid		0.26	0.18	MEETS	MEETS	MEETS	MEETS	
SS Clear Glass with SDL		0.45	0.45					
DS Clear Glass with SDL		0.45	0.44					
SS Low-E Glass with SDL		0.30	0.24		MEETS	MEETS	MEETS	
DS Low-E Glass with SDL		0.30	0.24		MEETS	MEETS	MEETS	
SS Low-E/Argon Glass with SDL	0.27	0.24	MEETS	MEETS	MEETS	MEETS		
DS Low-E/Argon Glass with SDL	0.27	0.24	MEETS	MEETS	MEETS	MEETS		
SS Ultra Low-E/Argon with SDL	0.26	0.16	MEETS	MEETS	MEETS	MEETS		
DS Ultra Low-E/Argon with SDL	0.26	0.16	MEETS	MEETS	MEETS	MEETS		
8900 Double Hung Triple Pane IG Super Spacer® nXt™	SS Low-E/Argon Glass No Grid R-5	0.21	0.23	MEETS	MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass No Grid R-5	0.21	0.23	MEETS	MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon No Grid R-5	0.21	0.18	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon No Grid R-5	0.21	0.18	MEETS	MEETS	MEETS	MEETS	
	SS Low-E/Argon Glass with Grid R-5	0.21	0.23	MEETS	MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass with Grid R-5	0.21	0.23	MEETS	MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon with Grid R-5	0.21	0.18	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with Grid R-5	0.21	0.18	MEETS	MEETS	MEETS	MEETS	
	SS Low-E/Argon Glass with SDL R-5	0.21	0.21	MEETS	MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass with SDL R-5	0.21	0.21	MEETS	MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon with SDL R-5	0.21	0.14	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with SDL R-5	0.21	0.14	MEETS	MEETS	MEETS	MEETS	
	8900 Double Hung Triple Pane IG Super Spacer® nXt™ with InsulKor™ Foam Option	SS Low-E/Argon Glass No Grid R-5	0.20	0.23	MEETS	MEETS	MEETS	MEETS
		DS Low-E/Argon Glass No Grid R-5	0.20	0.23	MEETS	MEETS	MEETS	MEETS
		SS Ultra Low-E/Argon No Grid R-5	0.20	0.18	MEETS	MEETS	MEETS	MEETS
		DS Ultra Low-E/Argon No Grid R-5	0.20	0.18	MEETS	MEETS	MEETS	MEETS
SS Low-E/Argon Glass with Grid R-5		0.20	0.21	MEETS	MEETS	MEETS	MEETS	
DS Low-E/Argon Glass with Grid R-5		0.20	0.21	MEETS	MEETS	MEETS	MEETS	
SS Ultra Low-E/Argon with Grid R-5		0.20	0.16	MEETS	MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon with Grid R-5		0.20	0.16	MEETS	MEETS	MEETS	MEETS	
SS Low-E/Argon Glass with SDL R-5		0.20	0.21	MEETS	MEETS	MEETS	MEETS	
DS Low-E/Argon Glass with SDL R-5		0.20	0.21	MEETS	MEETS	MEETS	MEETS	
SS Ultra Low-E/Argon with SDL R-5		0.20	0.14	MEETS	MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon with SDL R-5		0.20	0.14	MEETS	MEETS	MEETS	MEETS	
8900 Horizontal Sliders Dual Pane IG Intercept Spacer		SS Clear Glass No Grid	0.45	0.58				
		DS Clear Glass No Grid	0.45	0.57				
		SS Low-E Glass No Grid	0.32	0.28				
		DS Low-E Glass No Grid	0.32	0.28				
	SS Low-E/Argon Glass No Grid	0.29	0.27		MEETS			
	DS Low-E/Argon Glass No Grid	0.29	0.27		MEETS			
	SS Ultra Low-E/Argon No Grid	0.29	0.20		MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon No Grid	0.29	0.20		MEETS	MEETS	MEETS	
	SS Northern Energy Star No Grid	0.28	0.37	MEETS	MEETS			
	DS Northern Energy Star No Grid	0.28	0.37	MEETS	MEETS			
	SS Clear Glass with Grid	0.45	0.52					
	DS Clear Glass with Grid	0.45	0.51					
	SS Low-E Glass with Grid	0.32	0.25				MEETS	
	DS Low-E Glass with Grid	0.32	0.25				MEETS	
	SS Low-E/Argon Glass with Grid	0.29	0.25		MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass with Grid	0.29	0.25		MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon with Grid	0.29	0.18		MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with Grid	0.29	0.18		MEETS	MEETS	MEETS	
	SS Northern Energy Star with Grid	0.28	0.34	MEETS	MEETS			
	DS Northern Energy Star with Grid	0.28	0.33	MEETS	MEETS			
SS Clear Glass with SDL	0.45	0.46						
DS Clear Glass with SDL	0.45	0.45						
SS Low-E Glass with SDL	0.32	0.25				MEETS		
DS Low-E Glass with SDL	0.32	0.25				MEETS		
SS Low-E/Argon Glass with SDL	0.29	0.25		MEETS	MEETS	MEETS		
DS Low-E/Argon Glass with SDL	0.29	0.25		MEETS	MEETS	MEETS		
SS Ultra Low-E/Argon with SDL	0.29	0.16		MEETS	MEETS	MEETS		
DS Ultra Low-E/Argon with SDL	0.29	0.16		MEETS	MEETS	MEETS		
SS Clear Glass No Grid	0.45	0.58						
DS Clear Glass No Grid	0.45	0.57						

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8900 Horizontal Sliders Dual Pane IG Intercept Spacer with InsulKor™ Foam Option	SS Low-E Glass No Grid	0.32	0.28					
	DS Low-E Glass No Grid	0.32	0.28					
	SS Low-E/Argon Glass No Grid	0.28	0.27	MEETS				
	DS Low-E/Argon Glass No Grid	0.28	0.27	MEETS				
	SS Ultra Low-E/Argon No Grid	0.28	0.20	MEETS	MEETS	MEETS		
	DS Ultra Low-E/Argon No Grid	0.28	0.20	MEETS	MEETS	MEETS	MEETS	
	SS Clear Glass with Grid	0.45	0.52					
	DS Clear Glass with Grid	0.45	0.51					
	SS Low-E Glass with Grid	0.32	0.25				MEETS	
	DS Low-E Glass with Grid	0.32	0.25				MEETS	
	SS Low-E/Argon Glass with Grid	0.28	0.25	MEETS	MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass with Grid	0.28	0.25	MEETS	MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon with Grid	0.28	0.18	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with Grid	0.28	0.18	MEETS	MEETS	MEETS	MEETS	
	SS Clear Glass with SDL	0.45	0.46					
	DS Clear Glass with SDL	0.45	0.45					
	SS Low-E Glass with SDL	0.32	0.25				MEETS	
	DS Low-E Glass with SDL	0.32	0.25				MEETS	
	SS Low-E/Argon Glass with SDL	0.28	0.25	MEETS	MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass with SDL	0.28	0.25	MEETS	MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon with SDL	0.28	0.16	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with SDL	0.28	0.16	MEETS	MEETS	MEETS	MEETS	
	8900 Horizontal Sliders Dual Pane IG with Super Spacer® nXt™ Option	SS Clear Glass No Grid	0.45	0.58				
		DS Clear Glass No Grid	0.45	0.57				
		SS Low-E Glass No Grid	0.31	0.28				
		DS Low-E Glass No Grid	0.31	0.28				
SS Low-E/Argon Glass No Grid		0.28	0.27	MEETS				
DS Low-E/Argon Glass No Grid		0.28	0.27	MEETS				
SS Ultra Low-E/Argon No Grid		0.27	0.20	MEETS	MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon No Grid		0.27	0.20	MEETS	MEETS	MEETS	MEETS	
SS Clear Glass with Grid		0.45	0.52					
DS Clear Glass with Grid		0.45	0.51					
SS Low-E Glass with Grid		0.31	0.25				MEETS	
DS Low-E Glass with Grid		0.31	0.25				MEETS	
SS Low-E/Argon Glass with Grid		0.28	0.25	MEETS	MEETS	MEETS	MEETS	
DS Low-E/Argon Glass with Grid		0.28	0.25	MEETS	MEETS	MEETS	MEETS	
SS Ultra Low-E/Argon with Grid		0.27	0.18	MEETS	MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon with Grid		0.27	0.18	MEETS	MEETS	MEETS	MEETS	
SS Clear Glass with SDL		0.45	0.45					
DS Clear Glass with SDL		0.45	0.45					
SS Low-E Glass with SDL		0.31	0.25				MEETS	
DS Low-E Glass with SDL		0.31	0.25				MEETS	
SS Low-E/Argon Glass with SDL		0.28	0.25	MEETS	MEETS	MEETS	MEETS	
DS Low-E/Argon Glass with SDL		0.28	0.25	MEETS	MEETS	MEETS	MEETS	
SS Ultra Low-E/Argon with SDL		0.27	0.16	MEETS	MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon with SDL		0.27	0.16	MEETS	MEETS	MEETS	MEETS	
8900 Horizontal Sliders Dual Pane IG with Super Spacer® nXt™ Option with InsulKor™ Foam Option		SS Clear Glass No Grid	0.45	0.58				
		DS Clear Glass No Grid	0.45	0.57				
	SS Low-E Glass No Grid	0.31	0.28					
	DS Low-E Glass No Grid	0.31	0.28					
	SS Low-E/Argon Glass No Grid	0.27	0.27	MEETS	MEETS			
	DS Low-E/Argon Glass No Grid	0.27	0.27	MEETS	MEETS			
	SS Ultra Low-E/Argon No Grid	0.27	0.20	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon No Grid	0.27	0.20	MEETS	MEETS	MEETS	MEETS	
	SS Clear Glass with Grid	0.45	0.52					
	DS Clear Glass with Grid	0.45	0.51					
	SS Low-E Glass with Grid	0.31	0.25				MEETS	
	DS Low-E Glass with Grid	0.31	0.25				MEETS	
	SS Low-E/Argon Glass with Grid	0.27	0.25	MEETS	MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass with Grid	0.27	0.25	MEETS	MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon with Grid	0.27	0.18	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with Grid	0.27	0.18	MEETS	MEETS	MEETS	MEETS	
	SS Clear Glass with SDL	0.45	0.45					
	DS Clear Glass with SDL	0.45	0.45					
	SS Low-E Glass with SDL	0.31	0.25				MEETS	
	DS Low-E Glass with SDL	0.31	0.25				MEETS	
	SS Low-E/Argon Glass with SDL	0.27	0.25	MEETS	MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass with SDL	0.27	0.25	MEETS	MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon with SDL	0.27	0.16	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with SDL	0.27	0.16	MEETS	MEETS	MEETS	MEETS	
	8900 Horizontal Sliders Triple Pane IG Super Spacer® nXt™	SS Low-E/Argon Glass No Grid R-5	0.21	0.24	MEETS	MEETS	MEETS	MEETS
		DS Low-E/Argon Glass No Grid R-5	0.21	0.23	MEETS	MEETS	MEETS	MEETS
SS Ultra Low-E/Argon No Grid R-5		0.20	0.18	MEETS	MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon No Grid R-5		0.20	0.18	MEETS	MEETS	MEETS	MEETS	
SS Low-E/Argon Glass with Grid R-5		0.21	0.21	MEETS	MEETS	MEETS	MEETS	
DS Low-E/Argon Glass with Grid R-5		0.21	0.21	MEETS	MEETS	MEETS	MEETS	
SS Ultra Low-E/Argon with Grid R-5		0.20	0.16	MEETS	MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon with Grid R-5		0.20	0.16	MEETS	MEETS	MEETS	MEETS	
SS Low-E/Argon Glass with SDL R-5		0.21	0.21	MEETS	MEETS	MEETS	MEETS	
DS Low-E/Argon Glass with SDL R-5		0.21	0.21	MEETS	MEETS	MEETS	MEETS	
SS Ultra Low-E/Argon with SDL R-5		0.20	0.15	MEETS	MEETS	MEETS	MEETS	
DS Ultra Low-E/Argon with SDL R-5		0.20	0.15	MEETS	MEETS	MEETS	MEETS	
8900 Horizontal Sliders Triple Pane IG Super Spacer® nXt™ with InsulKor™ Foam Option		SS Low-E/Argon Glass No Grid R-5	0.27	0.27	MEETS	MEETS		
		DS Low-E/Argon Glass No Grid R-5	0.27	0.27	MEETS	MEETS		
	SS Ultra Low-E/Argon No Grid R-5	0.27	0.20	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon No Grid R-5	0.27	0.20	MEETS	MEETS	MEETS	MEETS	
	SS Low-E/Argon Glass with Grid R-5	0.27	0.25	MEETS	MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass with Grid R-5	0.27	0.25	MEETS	MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon with Grid R-5	0.27	0.18	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with Grid R-5	0.27	0.18	MEETS	MEETS	MEETS	MEETS	
	SS Low-E/Argon Glass with SDL R-5	0.27	0.25	MEETS	MEETS	MEETS	MEETS	
	DS Low-E/Argon Glass with SDL R-5	0.27	0.25	MEETS	MEETS	MEETS	MEETS	
	SS Ultra Low-E/Argon with SDL R-5	0.27	0.16	MEETS	MEETS	MEETS	MEETS	
	DS Ultra Low-E/Argon with SDL R-5	0.27	0.16	MEETS	MEETS	MEETS	MEETS	
	8900 Horizontal Sliders Dual Pane IG	DS Clear Glass No Grid	0.45	0.63				
		DS Low-E Glass No Grid	0.30	0.30	MEETS			



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8900 Picture Windows Dual Pane Intercept Spacer	DS Low-E/Argon Glass No Grid	0.27	0.30	MEETS	MEETS		
	DS Ultra Low-E/Argon No Grid	0.26	0.22	MEETS	MEETS	MEETS	MEETS
	DS Northern Energy Star No Grid	0.27	0.41	MEETS			
	DS Clear Glass with Grid	0.45	0.57				
	DS Low-E Glass with Grid	0.30	0.27		MEETS		
	DS Low-E/Argon Glass with Grid	0.27	0.27	MEETS	MEETS		
	DS Ultra Low-E/Argon with Grid	0.26	0.20	MEETS	MEETS	MEETS	MEETS
	DS Northern Energy Star with Grid	0.27	0.37	MEETS	MEETS		
	DS Clear Glass with SDL	0.45	0.51				
	DS Low-E Glass with SDL	0.30	0.27		MEETS		
	DS Low-E/Argon Glass with SDL	0.27	0.27	MEETS	MEETS		
	DS Ultra Low-E/Argon with SDL	0.26	0.18	MEETS	MEETS	MEETS	MEETS
	8900 Picture Windows Dual Pane IG Intercept Spacer with InsulKor™ Foam Option	DS Clear Glass No Grid	0.45	0.63			
DS Low-E Glass No Grid		0.30	0.30		MEETS		
DS Low-E/Argon Glass No Grid		0.26	0.30	MEETS	MEETS		
DS Ultra Low-E/Argon No Grid		0.26	0.22	MEETS	MEETS	MEETS	MEETS
DS Clear Glass with Grid		0.45	0.57				
DS Low-E Glass with Grid		0.30	0.27		MEETS		
DS Low-E/Argon Glass with Grid		0.26	0.27	MEETS	MEETS		
DS Ultra Low-E/Argon with Grid		0.26	0.20	MEETS	MEETS	MEETS	MEETS
DS Clear Glass with SDL		0.45	0.51				
DS Low-E Glass with SDL		0.30	0.27		MEETS		
DS Low-E/Argon Glass with SDL		0.26	0.27	MEETS	MEETS		
DS Ultra Low-E/Argon with SDL		0.26	0.18	MEETS	MEETS	MEETS	MEETS
8900 Picture Windows Dual Pane IG with Super Spacer® nXt™ Option		DS Clear Glass No Grid	0.45	0.63			
	DS Low-E Glass No Grid	0.30	0.30		MEETS		
	DS Low-E/Argon Glass No Grid	0.26	0.30	MEETS	MEETS		
	DS Ultra Low-E/Argon No Grid	0.25	0.22	MEETS	MEETS	MEETS	MEETS
	DS Clear Glass with Grid	0.45	0.57				
	DS Low-E Glass with Grid	0.30	0.27		MEETS		
	DS Low-E/Argon Glass with Grid	0.26	0.27	MEETS	MEETS		
	DS Ultra Low-E/Argon with Grid	0.25	0.20	MEETS	MEETS	MEETS	MEETS
	DS Clear Glass with SDL	0.45	0.51				
	DS Low-E Glass with SDL	0.30	0.27		MEETS		
	DS Low-E/Argon Glass with SDL	0.26	0.27	MEETS	MEETS		
	DS Ultra Low-E/Argon with SDL	0.25	0.18	MEETS	MEETS	MEETS	MEETS
	8900 Picture Windows Dual Pane IG with Super Spacer® nXt™ Option with InsulKor™ Foam Option	DS Low-E/Argon Glass No Grid	0.26	0.30	MEETS	MEETS	
DS Ultra Low-E/Argon No Grid		0.25	0.22	MEETS	MEETS	MEETS	MEETS
DS Low-E/Argon Glass with Grid		0.26	0.27	MEETS	MEETS		
DS Ultra Low-E/Argon with Grid		0.25	0.20	MEETS	MEETS	MEETS	MEETS
DS Low-E/Argon Glass with SDL		0.26	0.27	MEETS	MEETS		
DS Ultra Low-E/Argon with SDL		0.25	0.18	MEETS	MEETS	MEETS	MEETS
8900 Picture Windows Triple Pane IG Super Spacer® nXt™	DS Low-E/Argon Glass No Grid R-5	0.18	0.26	MEETS	MEETS		
	DS Ultra Low-E/Argon No Grid R-5	0.18	0.20	MEETS	MEETS	MEETS	MEETS
	DS Low-E/Argon Glass with Grid R-5	0.18	0.23	MEETS	MEETS	MEETS	MEETS
	DS Ultra Low-E/Argon with Grid R-5	0.18	0.18	MEETS	MEETS	MEETS	MEETS
	DS Low-E/Argon Glass with SDL R-5	0.18	0.23	MEETS	MEETS	MEETS	MEETS
	DS Ultra Low-E/Argon with SDL R-5	0.18	0.16	MEETS	MEETS	MEETS	MEETS
8900 Picture Windows Triple Pane IG Super Spacer® nXt™ with InsulKor™ Foam Option	DS Low-E/Argon Glass No Grid R-5	0.18	0.26	MEETS	MEETS		
	DS Ultra Low-E/Argon No Grid R-5	0.18	0.20	MEETS	MEETS	MEETS	MEETS
	DS Low-E/Argon Glass with Grid R-5	0.18	0.23	MEETS	MEETS	MEETS	MEETS
	DS Ultra Low-E/Argon with Grid R-5	0.18	0.18	MEETS	MEETS	MEETS	MEETS
	DS Low-E/Argon Glass with SDL R-5	0.18	0.23	MEETS	MEETS	MEETS	MEETS
	DS Ultra Low-E/Argon with SDL R-5	0.18	0.16	MEETS	MEETS	MEETS	MEETS