Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Clad Ultimate Casement & Polygon & Clad Ultimate French Casement - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.30	0.29	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.26	0.44	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.26	0.44	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.26	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.29	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.18	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.18	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.18	0.40	N NC SC S	X

Clad Ultimate Casement & Polygon & Clad Ultimate French Casement - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.28	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.26	0.44	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.26	0.44	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.26	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.29	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.18	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.18	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.18	0.40	N NC SC S	X

Clad Ultimate Casement Picture - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.33	0.57	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.30	0.51	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.30	0.51	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.30	0.51	N NC SC	X
Insulating Low E 366 Glass - Argon	0.27	0.22	0.51	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.20	0.46	N NC SC S	X

Clad Ultimate Casement Picture - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.33	0.57	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.30	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.30	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.30	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.27	0.22	0.51	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.20	0.45	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Clad Ultimate Casement Picture - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.32	0.56	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.29	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.28	0.22	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.20	0.45	N NC SC S	X

Clad Ultimate Casement Picture - 1" IG - 5.7 mm glass and 14.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.29	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.29	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.29	0.49	N NC SC	X
Insulating Low E 366 Glass - Argon	0.27	0.22	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.20	0.45	N NC SC S	X

Clad Ultimate Replacement Casement - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.31	0.29	0.49	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, GBG	0.31	0.26	0.44	NC SC S	
Insulating Low E 366 Glass - Argon	0.30	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.18	0.40	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.18	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.18	0.40	N NC SC S	X

Clad Ultimate Replacement Casement - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.31	0.29	0.49	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, GBG	0.32	0.26	0.44	NC SC S	
Insulating Low E 366 Glass - Argon	0.30	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.18	0.40	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.18	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.31	0.18	0.40	NC SC S	

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Clad Ultimate Replacement Picture - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.33	0.57	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.30	0.51	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.30	0.51	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.30	0.51	N NC SC	X
Insulating Low E 366 Glass - Argon	0.28	0.22	0.51	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.20	0.46	N NC SC S	X

Clad Ultimate Replacement Picture - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.33	0.57	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.30	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.30	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.30	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.28	0.22	0.51	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.20	0.45	N NC SC S	X

Clad Ultimate Awning - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.29	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.26	0.44	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.26	0.44	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.26	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.29	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.17	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.17	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.17	0.40	N NC SC S	X

Clad Ultimate Awning - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.28	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.26	0.44	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.26	0.44	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.26	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.29	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.18	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.18	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.18	0.40	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Clad Ultimate Replacement Awning - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.31	0.29	0.49	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, GBG	0.31	0.26	0.44	NC SC S	
Insulating Low E 366 Glass - Argon	0.30	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.18	0.40	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.18	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.18	0.40	N NC SC S	X

Clad Ultimate Replacement Awning - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.31	0.29	0.49	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, GBG	0.31	0.26	0.44	NC SC S	
Insulating Low E 366 Glass - Argon	0.30	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.18	0.40	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.18	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.31	0.18	0.40	NC SC S	

Clad Ultimate Casement Round Top Operator - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.30	0.29	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.26	0.44	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.26	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.30	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.18	0.40	NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.18	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.18	0.40	N NC SC S	X

Clad Ultimate Casement Round Top Operator - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.30	0.28	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.26	0.44	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.26	0.44	NC SC S	X
Insulating Low E 366 Glass - Argon	0.29	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.18	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.18	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.18	0.40	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Clad Ultimate Casement Venting Picture - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.33	0.57	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.30	0.51	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.30	0.51	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.30	0.51	N NC SC	X
Insulating Low E 366 Glass - Argon	0.28	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.20	0.46	N NC SC S	X

Clad Ultimate Casement Venting Picture - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.33	0.57	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.27	0.29	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.27	0.22	0.51	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.20	0.45	N NC SC S	X

Clad Ultimate Casement Venting Picture - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.32	0.56	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.29	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.27	0.22	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.20	0.45	N NC SC S	X

Clad Ultimate Pushout Casement & Clad Ultimate Pushout French Casement - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.31	0.29	0.49	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, GBG	0.31	0.26	0.44	NC SC S	
Insulating Low E 366 Glass - Argon	0.30	0.19	0.44	NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.18	0.40	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.18	0.40	NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.18	0.40	NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Clad Ultimate Pushout Casement & Clad Ultimate Pushout French Casement - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.30	0.28	0.49	NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.26	0.44	NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.26	0.44	NC SC S	X
Insulating Low E 366 Glass - Argon	0.30	0.19	0.44	NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.18	0.40	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.18	0.40	NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.18	0.40	NC SC S	X

Clad Ultimate Pushout Casement Picture - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.33	0.57	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.30	0.51	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.30	0.51	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.30	0.51	N NC SC	X
Insulating Low E 366 Glass - Argon	0.28	0.22	0.51	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.20	0.46	N NC SC S	X

Clad Ultimate Pushout Casement Picture - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.33	0.57	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.30	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.30	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.30	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.27	0.22	0.51	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.20	0.45	N NC SC S	X

Clad Ultimate Pushout Casement Picture - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.32	0.56	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.29	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.28	0.22	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.20	0.45	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Clad Ultimate Pushout Casement Picture - 1" IG - 5.7 mm glass and 14.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.29	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.29	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.29	0.49	N NC SC	X
Insulating Low E 366 Glass - Argon	0.28	0.22	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.20	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.20	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.20	0.44	N NC SC S	X

Clad Ultimate Pushout Awning - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.31	0.29	0.49	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, GBG	0.31	0.26	0.44	NC SC S	
Insulating Low E 366 Glass - Argon	0.30	0.19	0.44	NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.18	0.40	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.18	0.40	NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.18	0.40	NC SC S	X

Clad Ultimate Pushout Awning - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.31	0.28	0.49	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, GBG	0.32	0.26	0.44	NC SC S	
Insulating Low E 366 Glass - Argon	0.30	0.19	0.44	NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.18	0.40	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.18	0.40	NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.18	0.40	NC SC S	X

Clad Ultimate Pushout Replacement Casement - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.32	0.29	0.49	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.33	0.27	0.44	SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.32	0.27	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, GBG	0.32	0.27	0.44	NC SC S	
Insulating Low E 366 Glass - Argon	0.31	0.19	0.44	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.18	0.40	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.18	0.40	NC SC S	
Insulating Low E 366 Glass - Argon, GBG	0.31	0.18	0.40	NC SC S	

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Clad Ultimate Pushout Replacement Casement - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.32	0.29	0.49	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.33	0.26	0.44	SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.32	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, GBG	0.33	0.26	0.44	SC S	
Insulating Low E 366 Glass - Argon	0.31	0.20	0.44	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.18	0.40	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.18	0.40	NC SC S	
Insulating Low E 366 Glass - Argon, GBG	0.32	0.18	0.40	NC SC S	

Clad Ultimate Pushout Replacement Casement Picture - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.33	0.57	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.30	0.51	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.30	0.51	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.30	0.51	N NC SC	X
Insulating Low E 366 Glass - Argon	0.29	0.22	0.51	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.20	0.46	N NC SC S	X

Clad Ultimate Pushout Replacement Casement Picture - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.33	0.57	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.30	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.30	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.30	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.28	0.22	0.51	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.20	0.45	N NC SC S	X

Clad Ultimate Pushout Replacement Awning - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.32	0.29	0.49	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.27	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.32	0.27	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, GBG	0.32	0.27	0.44	NC SC S	
Insulating Low E 366 Glass - Argon	0.31	0.19	0.44	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.18	0.40	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.18	0.40	NC SC S	
Insulating Low E 366 Glass - Argon, GBG	0.31	0.18	0.40	NC SC S	

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Clad Ultimate Pushout Replacement Awning - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.32	0.29	0.49	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.32	0.26	0.44	NC SC S	
Insulating Low E 272 Glass - Argon, GBG	0.32	0.26	0.44	NC SC S	
Insulating Low E 366 Glass - Argon	0.31	0.20	0.44	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.18	0.40	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.18	0.40	NC SC S	
Insulating Low E 366 Glass - Argon, GBG	0.31	0.18	0.40	NC SC S	

Clad Casemaster/French Casemaster Operator/Stationary - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.32	0.29	0.49	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.26	0.45	SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.32	0.26	0.45	NC SC S	
Insulating Low E 272 Glass - Argon, GBG	0.32	0.26	0.45	SC S	
Insulating Low E 366 Glass - Argon	0.31	0.19	0.44	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.18	0.40	SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.18	0.40	NC SC S	
Insulating Low E 366 Glass - Argon, GBG	0.31	0.18	0.40	NC SC S	

Clad Casemaster Picture - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.33	0.57	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.30	0.51	NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.30	0.51	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.30	0.51	N NC SC	X
Insulating Low E 366 Glass - Argon	0.29	0.22	0.51	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.20	0.46	N NC SC S	X

Clad Casemaster Picture - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.30	0.32	0.56	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.29	0.50	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.29	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.29	0.22	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.20	0.45	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Clad Casemaster Picture - 1" IG - 5.7 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.30	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.29	0.49	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.29	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.29	0.49	N NC SC	X
Insulating Low E 366 Glass - Argon	0.29	0.22	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.20	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.20	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.20	0.44	N NC SC S	X

Clad Casemaster Awning Operator/Stationary - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.32	0.28	0.48	SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.26	0.43	SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.32	0.26	0.43	SC S	
Insulating Low E 272 Glass - Argon, GBG	0.32	0.26	0.43	SC S	
Insulating Low E 366 Glass - Argon	0.31	0.19	0.43	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.17	0.39	SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.17	0.39	NC SC S	
Insulating Low E 366 Glass - Argon, GBG	0.31	0.17	0.39	NC SC S	

Clad Casemaster Casement Round Top and Polygon Operator/Stationary - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.30	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.26	0.45	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.26	0.45	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.26	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.29	0.19	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.18	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.18	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.18	0.40	N NC SC S	X

Clad Casemaster Picture Round Top and Polygon - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.33	0.58	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.30	0.51	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.30	0.51	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.30	0.51	N NC SC	X
Insulating Low E 366 Glass - Argon	0.27	0.22	0.52	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.20	0.46	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Clad Casemaster Picture Round Top and Polygon - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.32	0.57	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.29	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.27	0.22	0.51	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.20	0.45	N NC SC S	X

Clad Casemaster Picture Round Top and Polygon - 1" IG - 5.7 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.32	0.56	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.29	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.27	0.22	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.20	0.45	N NC SC S	X

Clad Casemaster Venting Picture - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.30	0.33	0.57	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.30	0.51	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.30	0.51	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.30	0.51	N NC SC	X
Insulating Low E 366 Glass - Argon	0.30	0.22	0.51	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.20	0.46	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.20	0.46	N NC SC S	X

Clad Casemaster Venting Picture - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.31	0.32	0.56	NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.29	0.50	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.29	0.50	NC SC	
Insulating Low E 272 Glass - Argon, GBG	0.31	0.29	0.50	NC SC	
Insulating Low E 366 Glass - Argon	0.30	0.22	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.20	0.45	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.20	0.45	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Clad Casemaster Venting Picture - 1" IG - 5.7 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.31	0.32	0.55	NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.29	0.49	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.29	0.49	NC SC	
Insulating Low E 272 Glass - Argon, GBG	0.31	0.29	0.49	NC SC	
Insulating Low E 366 Glass - Argon	0.30	0.22	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.20	0.44	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.20	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.20	0.44	N NC SC S	X

Clad Ultimate Double Hung / Single Hung - .700" IG - 3.1 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.30	0.30	0.51	NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.27	0.45	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.27	0.45	NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.27	0.45	NC SC S	X
Insulating Low E 366 Glass - Argon	0.30	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.18	0.41	NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.18	0.41	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.18	0.41	N NC SC S	X

Clad Ultimate Double Hung Picture - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.30	0.53	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.27	0.47	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.27	0.47	N NC SC S	X
Insulating Low E 2726 Glass - Argon, GBG	0.28	0.27	0.47	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.28	0.20	0.47	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.18	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.18	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.18	0.42	N NC SC S	X

Clad Ultimate Double Hung Transom - .700" IG - 3.1 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.29	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.29	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.29	0.49	N NC SC	X
Insulating Low E 366 Glass - Argon	0.29	0.21	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.19	0.44	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Clad Ultimate Double Hung Round Top - .700" IG - 3.1 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.32	0.30	0.51	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.27	0.45	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.32	0.27	0.45	NC SC S	
Insulating Low E 272 Glass - Argon, GBG	0.32	0.27	0.45	NC SC S	
Insulating Low E 366 Glass - Argon	0.31	0.20	0.46	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.18	0.41	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.18	0.41	NC SC S	
Insulating Low E 366 Glass - Argon, GBG	0.32	0.18	0.41	NC SC S	

Clad Ultimate Double Hung Round Top Picture - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.30	0.31	0.53	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.28	0.47	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.28	0.47	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.28	0.47	N NC SC	X
Insulating Low E 366 Glass - Argon	0.30	0.21	0.47	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.19	0.42	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.19	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.19	0.42	N NC SC S	X

Clad Ultimate Double Hung Round Top Transom - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.30	0.31	0.54	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.28	0.48	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.28	0.48	N NC SC	X
Insulating Low E 366 Glass - Argon	0.29	0.21	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.19	0.43	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.19	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.19	0.43	N NC SC S	X

Clad Ultimate Insert Double/Single Hung - .700" IG - 3.1 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.31	0.30	0.52	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.27	0.46	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.27	0.46	NC SC S	
Insulating Low E 272 Glass - Argon, GBG	0.31	0.27	0.46	NC SC S	
Insulating Low E 366 Glass - Argon	0.30	0.20	0.47	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.18	0.41	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.18	0.41	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.18	0.41	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Clad Ultimate Insert Double Hung Picture - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.31	0.53	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon	0.28	0.21	0.48	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.19	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.19	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	NA	NA	NA	NA	

Clad Ultimate Insert Double Hung Transom - .700" IG - 3.1 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.30	0.33	0.56	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.29	0.50	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.31	0.29	0.50	NC SC	
Insulating Low E 366 Glass - Argon	0.29	0.22	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.20	0.45	N NC SC S	X

Clad Ultimate Double Hung/Single Hung Magnum - .700" IG - 3.1 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.30	0.30	0.51	NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.27	0.45	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.27	0.45	NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.27	0.45	NC SC S	X
Insulating Low E 366 Glass - Argon	0.30	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.18	0.41	NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.18	0.41	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.18	0.41	NC SC S	X

Clad Ultimate Double Hung Magnum Picture - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.30	0.53	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.27	0.47	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.27	0.47	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.27	0.47	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.28	0.20	0.47	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.18	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.18	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.18	0.42	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Clad Double Hung Tilt Pac - 9/16" IG - 3.1 mm glass and 8.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.33	0.30	0.51	SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.36	0.27	0.45	S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.35	0.27	0.45	SC S	
Insulating Low E 272 Glass - Argon, GBG	0.37	0.27	0.45	S	
Insulating Low E 366 Glass - Argon * - 3/4" IG - 3.1 mm glass and 13.0 mm spacer	0.32*	0.20	0.46		
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.36	0.18	0.41	S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.35	0.18	0.41	SC S	
Insulating Low E 366 Glass - Argon, GBG	0.36	0.18	0.41	S	

Clad Single Hung Tilt Pac - 9/16" IG - 3.1 mm glass and 8.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.33	0.30	0.51	SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.36	0.27	0.45	S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.35	0.27	0.45	SC S	
Insulating Low E 272 Glass - Argon, GBG	0.37	0.27	0.45	S	
Insulating Low E 366 Glass - Argon * - 3/4" IG - 3.1 mm glass and 13.0 mm spacer	0.32*	0.20	0.46		
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.36	0.18	0.41	S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.35	0.18	0.41	SC S	
Insulating Low E 366 Glass - Argon, GBG	0.36	0.18	0.41	S	

Clad Glider - 9/16" IG - 3.1 mm glass and 8.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.37	0.31	0.53		
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.38	0.28	0.47		
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.37	0.28	0.47		
Insulating Low E 272 Glass - Argon, GBG	0.38	0.28	0.47		
Insulating Low E 366 Glass - Argon	0.36	0.21	0.48	S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.37	0.19	0.42	S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.36	0.19	0.42	S	
Insulating Low E 366 Glass - Argon, GBG	0.38	0.19	0.42	S	

Clad Glider Picture - 9/16" IG - 3.1 mm glass and 8.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.34	0.33	0.56		
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.35	0.30	0.50	SC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.34	0.30	0.50	SC	
Insulating Low E 272 Glass - Argon, GBG	0.36	0.30	0.50		
Insulating Low E 366 Glass - Argon	0.34	0.22	0.50	SC S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.35	0.20	0.45	SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.34	0.20	0.45	SC S	
Insulating Low E 366 Glass - Argon, GBG	0.35	0.20	0.45	SC S	

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Clad Direct Glaze Polygon - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.36	0.62	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, GBG	0.29	0.32	0.55	N NC	
Insulating Low E 366 Glass - Argon	0.28	0.23	0.55	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.21	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.21	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.21	0.50	N NC SC S	X
Clad Direct Glaze Polygon - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.35	0.61	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, GBG	0.28	0.32	0.55	N NC	
Insulating Low E 366 Glass - Argon	0.27	0.24	0.55	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.22	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.22	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.22	0.49	N NC SC S	X
Clad Direct Glaze Polygon - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.35	0.61	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.31	0.54	N NC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.31	0.54	N NC	
Insulating Low E 272 Glass - Argon, GBG	0.29	0.31	0.54	N NC	
Insulating Low E 366 Glass - Argon	0.28	0.23	0.54	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.21	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.21	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.21	0.49	N NC SC S	X
Clad Direct Glaze Polygon - 1" IG - 5.7 mm glass and 14.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.34	0.60	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.31	0.54	N NC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.31	0.54	N NC	
Insulating Low E 272 Glass - Argon, GBG	0.29	0.31	0.54	N NC	
Insulating Low E 366 Glass - Argon	0.28	0.23	0.54	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.21	0.48	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.21	0.48	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.21	0.48	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Clad Direct Glaze Round Top - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.37	0.64	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.33	0.57	N NC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.33	0.57	N NC	
Insulating Low E 272 Glass - Argon, GBG	0.29	0.33	0.57	N NC	
Insulating Low E 366 Glass - Argon	0.28	0.24	0.57	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.22	0.51	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.22	0.51	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.22	0.51	N NC SC S	X

Clad Direct Glaze Round Top - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.36	0.63	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.33	0.57	N NC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.33	0.57	N NC	
Insulating Low E 272 Glass - Argon, GBG	0.29	0.33	0.57	N NC	
Insulating Low E 366 Glass - Argon	0.28	0.24	0.57	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.22	0.51	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.22	0.51	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.22	0.51	N NC SC S	X

Clad Direct Glaze Round Top - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.36	0.63	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.32	0.56	N NC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.32	0.56	N NC	
Insulating Low E 272 Glass - Argon, GBG	0.29	0.32	0.56	N NC	
Insulating Low E 366 Glass - Argon	0.28	0.24	0.56	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.22	0.51	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.22	0.51	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.22	0.51	N NC SC S	X

Clad Direct Glaze Round Top - 1" IG - 5.7 mm glass and 14.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.35	0.62	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, GBG	0.29	0.32	0.55	N NC	
Insulating Low E 366 Glass - Argon	0.28	0.24	0.56	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.22	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.22	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.22	0.50	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Clad Magnum Tilt Turn - 7/8" IG - 3.1 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.31	0.29	0.49	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.26	0.43	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.26	0.43	NC SC S	
Insulating Low E 272 Glass - Argon, GBG	0.31	0.26	0.43	NC SC S	
Insulating Low E 366 Glass - Argon	0.31	0.19	0.44	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.17	0.39	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.17	0.39	NC SC S	
Insulating Low E 366 Glass - Argon, GBG	0.31	0.17	0.39	NC SC S	

Clad Magnum Tilt Turn - 7/8" IG - 3.9 mm glass and 14.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.31	0.28	0.49	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.25	0.43	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.25	0.43	NC SC S	
Insulating Low E 272 Glass - Argon, GBG	0.31	0.25	0.43	NC SC S	
Insulating Low E 366 Glass - Argon	0.30	0.19	0.44	NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.17	0.39	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.17	0.39	NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.17	0.39	NC SC S	X

Clad Magnum Tilt Turn - 7/8" IG - 4.7 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.31	0.28	0.48	NC SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.25	0.43	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.25	0.43	NC SC S	
Insulating Low E 272 Glass - Argon, GBG	0.31	0.25	0.43	NC SC S	
Insulating Low E 366 Glass - Argon	0.30	0.19	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.17	0.38	NC SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.17	0.38	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.17	0.38	N NC SC S	X

Clad Magnum Tilt Turn - 7/8" IG - 5.7 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.30	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.25	0.42	NC SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.25	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.25	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.30	0.19	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.17	0.38	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.17	0.38	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.17	0.38	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Wood Ultimate Casement & Wood Ultimate French Casement - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.25	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.25	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.25	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.27	0.18	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.17	0.39	N NC SC S	X

Wood Ultimate Casement & Wood Ultimate French Casement - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.25	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.25	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.25	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.27	0.19	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.17	0.39	N NC SC S	X

Wood Ultimate Casement Picture - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.32	0.56	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.27	0.29	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.26	0.21	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.19	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.19	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.26	0.19	0.45	N NC SC S	X

Wood Ultimate Casement Picture - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.26	0.32	0.56	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.26	0.29	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.26	0.21	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.19	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.19	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.26	0.19	0.45	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Wood Ultimate Casement Picture - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.28	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.28	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.27	0.28	0.49	N NC SC	X
Insulating Low E 366 Glass - Argon	0.26	0.21	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.26	0.19	0.44	N NC SC S	X

Wood Ultimate Casement Picture - 1" IG - 5.7 mm glass and 14.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.31	0.54	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.27	0.28	0.48	N NC SC	X
Insulating Low E 366 Glass - Argon	0.26	0.21	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.26	0.19	0.44	N NC SC S	X

Wood Ultimate Awning - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.27	0.46	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.25	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.25	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.25	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.27	0.18	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.16	0.38	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.16	0.38	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.16	0.38	N NC SC S	X

Wood Ultimate Awning - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.27	0.46	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.24	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.24	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.27	0.24	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.27	0.18	0.41	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.16	0.37	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.16	0.37	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.16	0.37	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Wood Ultimate Replacement Casement - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.26	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.26	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.26	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.28	0.19	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.17	0.39	N NC SC S	X

Wood Ultimate Replacement Casement - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.25	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.25	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.25	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.28	0.19	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.17	0.39	N NC SC S	X

Wood Ultimate Replacement Casement Picture - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.32	0.56	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.27	0.29	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.26	0.22	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.26	0.20	0.45	N NC SC S	X

Wood Ultimate Replacement Casement Picture - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.32	0.56	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.27	0.29	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.26	0.22	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.26	0.20	0.45	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Wood Ultimate Replacement Awning - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.27	0.46	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.25	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.25	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.25	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.28	0.18	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.17	0.38	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.17	0.38	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.17	0.38	N NC SC S	X

Wood Ultimate Replacement Awning - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.27	0.46	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.25	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.25	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.25	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.27	0.18	0.41	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.17	0.37	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.17	0.37	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.17	0.37	N NC SC S	X

Wood Ultimate Casement Round Top Operator - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.25	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.25	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.25	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.28	0.19	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.17	0.39	N NC SC S	X

Wood Ultimate Casement Round Top Operator - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.25	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.25	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.25	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.28	0.19	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.17	0.39	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Wood Ultimate Pushout Casement & Wood Ultimate Pushout French Casement - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.25	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.25	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.25	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.28	0.18	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.17	0.39	N NC SC S	X

Wood Ultimate Pushout Casement & Wood Ultimate Pushout French Casement - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.25	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.25	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.25	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.28	0.19	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.17	0.39	N NC SC S	X

Wood Ultimate Pushout Casement Picture - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.32	0.56	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.27	0.29	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.26	0.21	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.19	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.19	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.26	0.19	0.45	N NC SC S	X

Wood Ultimate Pushout Casement Picture - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.32	0.56	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.27	0.29	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.26	0.21	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.19	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.19	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.26	0.19	0.45	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Wood Ultimate Pushout Casement Picture - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.28	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.28	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.27	0.28	0.49	N NC SC	X
Insulating Low E 366 Glass - Argon	0.27	0.21	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.19	0.44	N NC SC S	X

Wood Ultimate Pushout Casement Picture - 1" IG - 5.7 mm glass and 14.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.31	0.54	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.27	0.28	0.48	N NC SC	X
Insulating Low E 366 Glass - Argon	0.27	0.21	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.19	0.44	N NC SC S	X

Wood Ultimate Pushout Awning - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.27	0.46	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.25	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.25	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.25	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.28	0.18	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.16	0.38	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.16	0.38	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.16	0.38	N NC SC S	X

Wood Ultimate Pushout Awning - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.27	0.46	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.24	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.24	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.24	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.28	0.18	0.41	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.17	0.37	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.17	0.37	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.17	0.37	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Wood Ultimate Pushout Replacement Casement - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.26	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.26	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.26	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.29	0.19	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.17	0.39	N NC SC S	X

Wood Ultimate Pushout Replacement Casement - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.26	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.26	0.43	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.26	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.28	0.19	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.17	0.39	N NC SC S	X

Wood Ultimate Pushout Replacement Casement Picture - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.33	0.56	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.27	0.29	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.27	0.22	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.20	0.45	N NC SC S	X

Wood Ultimate Pushout Replacement Casement Picture - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.32	0.56	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.27	0.29	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.26	0.22	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.20	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.26	0.20	0.45	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Wood Ultimate Pushout Replacement Awning - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.27	0.46	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.25	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.25	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.25	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.29	0.18	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.17	0.38	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.17	0.38	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.17	0.38	N NC SC S	X

Wood Ultimate Pushout Replacement Awning - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.27	0.46	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.25	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.25	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.25	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.28	0.18	0.41	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.17	0.37	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.17	0.37	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.17	0.37	N NC SC S	X

Wood Casemaster/French Casemaster Operator/Stationary - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.28	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.26	0.44	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.26	0.44	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.26	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.28	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.17	0.39	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.17	0.39	N NC SC S	X

Wood Casemaster Picture - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.32	0.56	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.29	0.50	N NC SC	X
Insulating Low E 366 Glass - Argon	0.27	0.21	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.19	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.19	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.19	0.45	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Wood Casemaster Picture - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.31	0.55	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.28	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.28	0.49	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.28	0.49	N NC SC	X
Insulating Low E 366 Glass - Argon	0.27	0.21	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.19	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.19	0.44	N NC SC S	X

Wood Casemaster Picture - 1" IG - 5.7 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.31	0.54	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.28	0.48	N NC SC	X
Insulating Low E 366 Glass - Argon	0.27	0.21	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.19	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.19	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.19	0.43	N NC SC S	X

Wood Casemaster Awning Operator/Stationary - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.26	0.45	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.24	0.41	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.24	0.41	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.24	0.41	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.28	0.18	0.41	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.16	0.37	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.16	0.37	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.16	0.37	N NC SC S	X

Wood Ultimate Double Hung / Single Hung - .700" IG - 3.1 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.29	0.51	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.26	0.45	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.26	0.45	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.26	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.28	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.18	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.18	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.18	0.40	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Wood Ultimate Double Hung Picture 1 5/8" sash - .700" IG - 3.1 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.31	0.53	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.28	0.47	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.28	0.47	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.28	0.47	N NC SC	X
Insulating Low E 366 Glass - Argon	0.28	0.20	0.48	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.18	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.18	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.18	0.42	N NC SC S	X

Wood Ultimate Double Hung Picture 2" sash - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.30	0.52	N NC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.27	0.46	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.27	0.46	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.27	0.27	0.46	N NC SC	X
Insulating Low E 366 Glass - Argon	0.27	0.20	0.47	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.18	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.18	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.18	0.42	N NC SC S	X

Wood Ultimate Double Hung Picture 2" sash - 1" IG - 5.7 mm glass and 14.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.29	0.51	N NC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.26	0.46	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.26	0.46	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.27	0.26	0.46	N NC SC	X
Insulating Low E 366 Glass - Argon	0.27	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.18	0.41	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.18	0.41	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.18	0.41	N NC SC S	X

Wood Ultimate Double Hung Transom - .700" IG - 3.1 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.31	0.54	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.28	0.48	N NC SC	X
Insulating Low E 366 Glass - Argon	0.27	0.21	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.19	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.19	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.19	0.43	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Wood Ultimate Double/Single Hung Round Top - .700" IG - 3.1 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.26	0.44	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.26	0.44	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.26	0.44	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.29	0.19	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.17	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.17	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.17	0.40	N NC SC S	X

Wood Ultimate Double Hung Round Top Picture 1 5/8" sash - .700" IG - 3.1 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.31	0.53	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.27	0.47	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.27	0.47	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon	0.27	0.20	0.47	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.18	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.18	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	NA	NA	NA	NA	

Wood Ultimate Double Hung Round Top Picture 2" sash - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.30	0.52	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.27	0.46	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.27	0.46	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon	0.27	0.20	0.47	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.18	0.41	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.18	0.41	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	NA	NA	NA	NA	

Wood Ultimate Double Hung Round Top Transom 1 5/8" sash - .700" IG - 3.1 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.31	0.54	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, GBG	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon	0.27	0.21	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.19	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.19	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	NA	NA	NA	NA	

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Wood Ultimate Double Hung Round Top Transom 2" sash - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.30	0.53	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.27	0.47	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.27	0.47	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon	0.27	0.20	0.48	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.19	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.19	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	NA	NA	NA	NA	

Wood Ultimate Insert Double Hung / Single Hung - .700" IG - 3.1 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.30	0.52	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.27	0.46	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.27	0.46	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.27	0.46	NC SC S	X
Insulating Low E 366 Glass - Argon	0.28	0.20	0.46	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.18	0.41	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.18	0.41	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.18	0.41	N NC SC S	X

Wood Ultimate Double Hung Magnum / SH Magnum - .700" IG - 3.1 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.29	0.29	0.50	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.26	0.45	NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.26	0.45	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.26	0.45	NC SC S	X
Insulating Low E 366 Glass - Argon	0.28	0.19	0.45	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.18	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.18	0.40	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.18	0.40	N NC SC S	X

Wood Double Hung Tilt Pac - 9/16" IG - 3.1 mm glass and 8.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.34	0.30	0.51	SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.35	0.27	0.45	SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.34	0.27	0.45	SC S	
Insulating Low E 272 Glass - Argon, GBG	0.35	0.27	0.45	SC S	
Insulating Low E 366 Glass - Argon	0.33	0.20	0.46	SC S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.34	0.18	0.41	SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.33	0.18	0.41	SC S	
Insulating Low E 366 Glass - Argon, GBG	0.35	0.18	0.41	SC S	

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Wood Single Hung Tilt Pac - 9/16" IG - 3.1 mm glass and 8.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.34	0.30	0.51	SC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.35	0.27	0.45	SC S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.34	0.27	0.45	SC S	
Insulating Low E 272 Glass - Argon, GBG	0.35	0.27	0.45	SC S	
Insulating Low E 366 Glass - Argon	0.33	0.20	0.46	SC S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.34	0.18	0.41	SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.33	0.18	0.41	SC S	
Insulating Low E 366 Glass - Argon, GBG	0.35	0.18	0.41	SC S	

Wood Glider - 9/16" IG - 3.1 mm glass and 8.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.33	0.31	0.52		
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.34	0.28	0.46	SC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.33	0.28	0.46	SC	
Insulating Low E 272 Glass - Argon, GBG	0.35	0.28	0.46	SC	
Insulating Low E 366 Glass - Argon	0.33	0.21	0.47	SC S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.34	0.19	0.42	SC S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.33	0.19	0.42	SC S	
Insulating Low E 366 Glass - Argon, GBG	0.34	0.19	0.42	SC S	

Wood Magnum Tilt Turn - 7/8" IG - 3.1 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.28	0.48	N NC SC	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.25	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.25	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.25	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.27	0.18	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.16	0.38	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.16	0.38	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.16	0.38	N NC SC S	X

Wood Magnum Tilt Turn - 7/8" IG - 3.9 mm glass and 14.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.27	0.48	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.25	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.25	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.25	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.27	0.18	0.43	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.17	0.38	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.17	0.38	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.17	0.38	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Wood Magnum Tilt Turn - 7/8" IG - 4.7 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.27	0.47	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.24	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.24	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.27	0.24	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.27	0.18	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.17	0.37	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.17	0.37	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.17	0.37	N NC SC S	X

Wood Magnum Tilt Turn - 7/8" IG - 5.7 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.27	0.46	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.24	0.41	N NC SC S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.25	0.42	N NC SC S	X
Insulating Low E 272 Glass - Argon, GBG	0.27	0.25	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon	0.27	0.18	0.42	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.17	0.37	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.17	0.37	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.17	0.37	N NC SC S	X

Wood Direct Glaze Polygon - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.26	0.36	0.62	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.32	0.56	N NC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.32	0.56	N NC	
Insulating Low E 272 Glass - Argon, GBG	0.26	0.32	0.56	N NC	
Insulating Low E 366 Glass - Argon	0.25	0.23	0.56	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.26	0.21	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.25	0.21	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.25	0.21	0.50	N NC SC S	X

Wood Direct Glaze Polygon - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.26	0.35	0.61	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, GBG	0.26	0.32	0.55	N NC	
Insulating Low E 366 Glass - Argon	0.25	0.24	0.55	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.26	0.21	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.25	0.21	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.25	0.21	0.50	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Wood Direct Glaze Polygon - 3/4" IG - 4.7 mm glass and 9.8 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.35	0.61	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, GBG	0.28	0.32	0.55	N NC	
Insulating Low E 366 Glass - Argon	0.26	0.24	0.55	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.22	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.22	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.22	0.49	N NC SC S	X

Wood Direct Glaze Polygon - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.35	0.61	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.31	0.55	N NC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.31	0.55	N NC	
Insulating Low E 272 Glass - Argon, GBG	0.27	0.31	0.55	N NC	
Insulating Low E 366 Glass - Argon	0.26	0.23	0.55	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.21	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.21	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.26	0.21	0.49	N NC SC S	X

Wood Direct Glaze Polygon - 1" IG - 5.7 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.26	0.34	0.60	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.31	0.54	N NC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.31	0.54	N NC	
Insulating Low E 272 Glass - Argon, GBG	0.26	0.31	0.54	N NC	
Insulating Low E 366 Glass - Argon	0.25	0.23	0.54	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.26	0.21	0.48	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.25	0.21	0.48	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.25	0.21	0.48	N NC SC S	X

Wood Direct Glaze Round Top - 3/4" IG - 3.1 mm glass and 13.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.36	0.62	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.32	0.56	N NC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.32	0.56	N NC	
Insulating Low E 272 Glass - Argon, GBG	0.28	0.32	0.56	N NC	
Insulating Low E 366 Glass - Argon	0.26	0.24	0.56	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.21	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.21	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.26	0.21	0.50	N NC SC S	X

Marvin Windows

	U Factor	SHGC	VLT	2010 Energy Star	Qualifies for Tax Credit
Wood Direct Glaze Round Top - 3/4" IG - 3.9 mm glass and 11.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.35	0.61	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, GBG	0.27	0.32	0.55	N NC	
Insulating Low E 366 Glass - Argon	0.26	0.24	0.55	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.22	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.22	0.50	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.26	0.22	0.50	N NC SC S	X
Wood Direct Glaze Round Top - 3/4" IG - 4.7 mm glass and 9.8 mm spacer					
Insulating Low E 272 Glass - Argon	0.28	0.35	0.61	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, GBG	0.29	0.32	0.55	N NC	
Insulating Low E 366 Glass - Argon	0.27	0.24	0.55	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.22	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.22	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.22	0.49	N NC SC S	X
Wood Direct Glaze Round Top - 1" IG - 4.7 mm glass and 16.0 mm spacer					
Insulating Low E 272 Glass - Argon	0.27	0.35	0.61	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.32	0.55	N NC	
Insulating Low E 272 Glass - Argon, GBG	0.27	0.32	0.55	N NC	
Insulating Low E 366 Glass - Argon	0.26	0.23	0.55	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.21	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.21	0.49	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.26	0.21	0.49	N NC SC S	X
Wood Direct Glaze Round Top - 1" IG - 5.7 mm glass and 14.5 mm spacer					
Insulating Low E 272 Glass - Argon	0.26	0.34	0.60	N NC	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.31	0.54	N NC	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.31	0.54	N NC	
Insulating Low E 272 Glass - Argon, GBG	0.26	0.31	0.54	N NC	
Insulating Low E 366 Glass - Argon	0.26	0.23	0.54	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.21	0.48	N NC SC S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.21	0.48	N NC SC S	X
Insulating Low E 366 Glass - Argon, GBG	0.26	0.21	0.48	N NC SC S	X

* This chart provides data for products with Argon-filled glazing unless otherwise noted. Marvin has many more glazing options.

** Tinted glass is also available. Tints will not affect the product's U-factor, but would reduce its SHGC.