



# Sliding Glass Door Thermal Chart

9/26/19

Glass Package	IG Thick	Interior Glass	Spacer	Exterior Glass	Gas Fill	Sound Control (STC)	No Grids			Energy Star	Flat or Sculpted Grids			Energy Star
							U-Value	SHGC	VLТ		U-Value	SHGC	VLТ	
<b>HM 390</b>														
DSB Glass with 366 Low-E	1"	1/8"	Intercept	1/8"	Air	30	0.33	0.23	0.54		0.33	0.21	0.47	
DSB Glass with 366 Low-E and Argon	1"	1/8"	Intercept	1/8"	Argon	30	0.29	0.23	0.54	N, NC, SC, S	0.29	0.20	0.47	N, NC, SC, S
DSB Glass with 340 Low-E	1"	3/16"	Intercept	1/8"	Air	33	0.33	0.15	0.32		0.33	0.14	0.28	
DSB Glass with 340 Low-E and Argon	1"	3/16"	Intercept	1/8"	Argon	33	0.29	0.15	0.32	N, NC, SC, S	0.29	0.13	0.28	N, NC, SC, S
DSB Glass with 366 Low-E "CA-T24"	1"	1/8"	Ultra	1/8"	Air	30	0.32	0.23	0.54		0.32	0.21	0.47	
DSB Glass with 366 Low-E and Argon "TMAX"	1"	1/8"	Ultra	1/8"	Argon	30	0.28	0.23	0.54	N, NC, SC, S	0.28	0.20	0.47	N, NC, SC, S
DSB / 3/16" Glass with 366 Low-E "STC"	1"	3/16"	Super Spacer	1/8"	Air	33	0.32	0.23	0.53		0.32	0.21	0.47	
3/16" Glass with 366 Low-E "STC"	1"	3/16"	Super Spacer	3/16"	Air	33	0.31	0.23	0.53		0.31	0.21	0.46	
DSB / Lami Glass with 366 Low-E "STC"	1"	1/4" Lami	Super Spacer	1/8"	Air	34	0.31	0.23	0.53		0.31	0.21	0.47	
3/16" / Lami Glass with 366 Low-E "STC"	1"	1/4" Lami	Super Spacer	3/16"	Air	35	0.31	0.23	0.53		0.31	0.21	0.46	
<b>EC190 Multi-Slide (French Rail)</b>														
DSB Glass with 366 Low-E	7/8"	1/8"	Ultra	1/8"	Air	27	0.30	0.20	0.46	N, NC, SC, S	0.30	0.18	0.40	N, NC, SC, S
DSB Glass with 366 Low-E and Argon	7/8"	1/8"	Ultra	1/8"	Argon	27	0.26	0.20	0.46	N, NC, SC, S	0.26	0.17	0.40	N, NC, SC, S
3/16" Glass with 366 Low-E	7/8"	3/16"	Ultra	3/16"	Air	30	0.29	0.20	0.45	N, NC, SC, S	0.29	0.18	0.39	N, NC, SC, S
3/16" Glass with 366 Low-E and Argon	7/8"	3/16"	Ultra	3/16"	Argon	30	0.26	0.20	0.45	N, NC, SC, S	0.26	0.20	0.45	N, NC, SC, S
3/16" Glass with 340 Low-E	7/8"	3/16"	Ultra	3/16"	Air	30	0.29	0.14	0.27	N, NC, SC, S	0.29	0.12	0.23	N, NC, SC, S
3/16" Glass with 340 Low-E and Argon	7/8"	3/16"	Ultra	3/16"	Argon	30	0.26	0.13	0.27	N, NC, SC, S	0.26	0.12	0.23	N, NC, SC, S
<b>EC 192T Multi-Slide (Thermal Frame)</b>														
DSB Glass with 366 Low-E	7/8"	1/8"	Ultra	1/8"	Air	n/a	0.42	0.21	0.46		0.42	0.18	0.40	
DSB Glass with 366 Low-E	7/8"	1/8"	Ultra	1/8"	Argon	n/a	0.39	0.20	0.46		0.39	0.18	0.40	
3/16" Glass with 366 Low-E	7/8"	3/16"	Ultra	3/16"	Air	n/a	0.42	0.21	0.45		0.39	0.20	0.45	
3/16" Glass with 366 Low-E and Argon	7/8"	3/16"	Ultra	3/16"	Argon	n/a	0.42	0.18	0.39		0.39	0.18	0.39	
3/16" Glass with 340 Low-E	7/8"	3/16"	Ultra	3/16"	Air	n/a	0.40	0.14	0.27		0.42	0.13	0.24	
3/16" Glass with 340 Low-E and Argon	7/8"	3/16"	Ultra	3/16"	Argon	n/a	0.39	0.14	0.27		0.39	0.12	0.24	
<b>HM 290</b>														
5/32" Glass with 366 Low-E	13/16"	5/32"	Intercept	5/32"	Air	n/a	0.31	0.21	0.48		0.31	0.19	0.42	
5/32" Glass with 340 Low-E	13/16"	5/32"	Intercept	5/32"	Air	n/a	0.31	0.14	0.29		0.31	0.13	0.25	
5/32" Glass with 366 Low-E and Argon "TMAX ALL ZONE"	13/16"	5/32"	Super Spacer	5/32"	Argon	n/a	0.27	0.21	0.48	N, NC, SC, S	0.27	0.19	0.42	N, NC, SC, S