



EnergyCore Thermal Chart

5/17/2021

Glass Package	IG Thick	Interior Glass	Spacer	Exterior Glass	Gas Fill	Sound Control	No Grids			Energy Star	Flat or Sculpted Grids			Energy Star
							U-Value	SHGC	VLT		U-Value	SHGC	VLT	
EC155 Fixed Picture Window														
DSB Glass with 270 Low-E "Standard"	3/4"	1/8"	Super Spacer	1/8"	Air	29	0.30	0.32	0.59	NC	0.30	0.29	0.53	NC
DSB Glass with 366 Low-E	3/4"	1/8"	Super Spacer	1/8"	Air	29	0.29	0.24	0.55	NC, SC, S	0.29	0.22	0.49	NC, SC, S
DSB Glass with 366 Low-E and Argon "TMAX"	3/4"	1/8"	Super Spacer	1/8"	Argon	29	0.25	0.23	0.55	N, NC, SC, S	0.25	0.21	0.49	NC, SC, S
DSB Glass with 340 Low-E	3/4"	1/8"	Super Spacer	1/8"	Air	29	0.29	0.16	0.33	NC, SC, S	0.29	0.15	0.29	NC, SC, S
DSB Glass with 340 Low-E and Argon	3/4"	1/8"	Super Spacer	1/8"	Argon	29	0.26	0.15	0.33	N, NC, SC, S	0.26	0.14	0.29	NC, SC, S
DSB Glass with 366 Low-E, i89, and Argon	3/4"	1/8"	Super Spacer	1/8"	Argon	29	0.21	0.23	0.53	N, NC, SC, S	0.21	0.21	0.48	N, NC, SC, S
DSB Glass with 270 Low-E and DSB Lami	3/4"	1/8 030PVB 1/8	Super Spacer	1/8"	Air	n/a	0.33	0.32	0.58		0.35	0.29	0.52	
DSB Glass with 366 Low-E and DSB Lami	3/4"	1/8 030PVB 1/8	Super Spacer	1/8"	Air	n/a	0.33	0.24	0.54	S	0.35	0.22	0.48	S
DSB 3/16" Glass with 270 Low-E	1 1/8"	3/16"	Super Spacer	1/8"	Air	33	0.31	0.31	0.59		0.31	0.28	0.53	
DSB 3/16" Glass with 366 Low-E	1 1/8"	3/16"	Super Spacer	1/8"	Air	33	0.31	0.24	0.54	S	0.31	0.21	0.49	S
DSB 3/16" Glass with 366 Low-E, i89, and Argon	1 1/8"	3/16"	Super Spacer	1/8"	Argon	33	0.22	0.23	0.53	N, NC, SC, S	0.22	0.21	0.47	N, NC, SC, S
3/16" Glass with 366 Low-E, i89, and Argon	1 1/8"	3/16"	Super Spacer	3/16"	Argon	n/a	0.22	0.23	0.52	N, NC, SC, S	0.22	0.21	0.47	N, NC, SC, S
3/16" 2.7 Lami Glass with 270 Low-E	1 1/8"	2.7 030PVB 2.7	Super Spacer	3/16"	Air	n/a	0.30	0.31	0.58	NC	0.30	0.28	0.52	
3/16" 2.7 Lami Glass with 366 Low-E	1 1/8"	2.7 030PVB 2.7	Super Spacer	3/16"	Air	n/a	0.30	0.23	0.54	NC, SC, S	0.30	0.21	0.48	NC, SC, S
2.7 Lami 2.7 Lami Glass with 270 Low-E	1 1/8"	2.7 030PVB 2.7	Super Spacer	2.7 030PVB 2.7	Air	n/a	0.30	0.30	0.57	NC	0.30	0.27	0.51	S
EC147 Casement														
DSB Glass with 270 Low-E "Standard"	3/4"	1/8"	Super Spacer	1/8"	Air	31	0.28	0.24	0.44	NC, SC, S	0.28	0.22	0.40	NC, SC, S
DSB Glass with 366 Low-E	3/4"	1/8"	Super Spacer	1/8"	Air	31	0.28	0.18	0.41	NC, SC, S	0.28	0.17	0.37	NC, SC, S
DSB Glass with 366 Low-E and Argon "TMAX"	3/4"	1/8"	Super Spacer	1/8"	Argon	31	0.25	0.18	0.41	N, NC, SC, S	0.25	0.16	0.37	N, NC, SC, S
DSB Glass with 340 Low-E	3/4"	1/8"	Super Spacer	1/8"	Air	31	0.28	0.12	0.25	NC, SC, S	0.28	0.11	0.22	NC, SC, S
DSB Glass with 340 Low-E and Argon	3/4"	1/8"	Super Spacer	1/8"	Argon	31	0.25	0.12	0.25	N, NC, SC, S	0.25	0.11	0.22	N, NC, SC, S
DSB Glass with 366 Low-E, i89, and Argon	3/4"	1/8"	Super Spacer	1/8"	Argon	31	0.22	0.18	0.40	N, NC, SC, S	0.22	0.16	0.36	N, NC, SC, S
DSB Glass with 270 Low-E and DSB Lami	3/4"	1/8 030PVB 1/8	Super Spacer	1/8"	Air	n/a	0.31	0.24	0.44	S	0.32	0.22	0.39	S
DSB Glass with 366 Low-E and DSB Lami	3/4"	1/8 030PVB 1/8	Super Spacer	1/8"	Air	n/a	0.31	0.18	0.40	S	0.32	0.17	0.36	S
DSB 3/16" Glass with 270 Low-E	1 1/8"	3/16"	Super Spacer	1/8"	Air	34	0.29	0.24	0.44	NC, SC, S	0.29	0.22	0.40	NC, SC, S
DSB 3/16" Glass with 366 Low-E	1 1/8"	3/16"	Super Spacer	1/8"	Air	34	0.29	0.18	0.41	NC, SC, S	0.29	0.17	0.37	NC, SC, S
DSB 3/16" Glass with 366 Low-E, i89, and Argon	1 1/8"	3/16"	Super Spacer	1/8"	Argon	34	0.22	0.17	0.40	N, NC, SC, S	0.22	0.16	0.36	N, NC, SC, S
3/16" Glass with 366 Low-E, i89, and Argon	1 1/8"	3/16"	Super Spacer	3/16"	Argon	n/a	0.22	0.17	0.39	N, NC, SC, S	0.22	0.16	0.35	N, NC, SC, S
3/16" 2.7 Lami Glass with 270 Low-E	1 1/8"	2.7 030PVB 2.7	Super Spacer	3/16"	Air	n/a	0.28	0.23	0.43	NC, SC, S	0.28	0.21	0.39	NC, SC, S
3/16" 2.7 Lami Glass with 366 Low-E	1 1/8"	2.7 030PVB 2.7	Super Spacer	3/16"	Air	n/a	0.28	0.18	0.40	NC, SC, S	0.28	0.16	0.36	NC, SC, S
2.7 Lami 2.7 Lami Glass with 270 Low-E	1 1/8"	2.7 030PVB 2.7	Super Spacer	2.7 030PVB 2.7	Air	n/a	0.28	0.23	0.43	NC, SC, S	0.28	0.21	0.38	NC, SC, S
EC140 Awning														
DSB Glass with 270 Low-E "Standard"	3/4"	1/8"	Super Spacer	1/8"	Air	31	0.28	0.24	0.44	NC, SC, S	0.28	0.22	0.40	NC, SC, S
DSB Glass with 366 Low-E	3/4"	1/8"	Super Spacer	1/8"	Air	31	0.28	0.18	0.41	NC, SC, S	0.28	0.17	0.37	NC, SC, S
DSB Glass with 366 Low-E and Argon "TMAX"	3/4"	1/8"	Super Spacer	1/8"	Argon	31	0.25	0.18	0.41	N, NC, SC, S	0.25	0.16	0.37	N, NC, SC, S
DSB Glass with 340 Low-E	3/4"	1/8"	Super Spacer	1/8"	Air	31	0.28	0.12	0.25	NC, SC, S	0.28	0.11	0.22	NC, SC, S
DSB Glass with 340 Low-E and Argon	3/4"	1/8"	Super Spacer	1/8"	Argon	31	0.25	0.12	0.25	NC, SC, S	0.25	0.11	0.22	NC, SC, S
DSB Glass with 366 Low-E, i89, and Argon	3/4"	1/8"	Super Spacer	1/8"	Argon	31	0.22	0.18	0.40	N, NC, SC, S	0.22	0.16	0.36	N, NC, SC, S
DSB Glass with 270 Low-E and DSB Lami	3/4"	1/8 030PVB 1/8	Super Spacer	1/8"	Air	n/a	0.31	0.24	0.44	S	0.32	0.22	0.39	S
DSB Glass with 366 Low-E and DSB Lami	3/4"	1/8 030PVB 1/8	Super Spacer	1/8"	Air	n/a	0.31	0.18	0.40	S	0.32	0.17	0.36	S
DSB 3/16" Glass with 270 Low-E	1 1/8"	3/16"	Super Spacer	1/8"	Air	34	0.29	0.24	0.44	NC, SC, S	0.29	0.22	0.40	NC, SC, S
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3/16" Glass with 366 Low-E, i89, and Argon	1 1/8"	3/16"	Super Spacer	3/16"	Argon	n/a	0.23	0.17	0.39	N, NC, SC, S	0.23	0.16	0.35	N, NC, SC, S
3/16" 2.7 Lami Glass with 270 Low-E	1 1/8"	2.7 030PVB 2.7	Super Spacer	3/16"	Air	n/a	0.29	0.23	0.43	NC, SC, S	0.29	0.21	0.39	NC, SC, S
3/16" 2.7 Lami Glass with 366 Low-E	1 1/8"	2.7 030PVB 2.7	Super Spacer	3/16"	Air	n/a	0.28	0.18	0.40	NC, SC, S	0.28	0.16	0.36	NC, SC, S
2.7 Lami 2.7 Lami Glass with 270 Low-E	1 1/8"	2.7 030PVB 2.7	Super Spacer	2.7 030PVB 2.7	Air	n/a	0.28	0.23	0.43	NC, SC, S	0.28	0.21	0.38	NC, SC, S