



EnergyCore Thermal Chart

Glass Package	IG Thick	Interior Glass	Spacer	Exterior Glass	Argon or Air	11/6/18	No Grids			Flat or Sculpted Grids		
						Sound Control	STC	U-VALUE	SHGC	VLТ	U-VALUE	SHGC
EC160 Horizontal Slider												
DSB LoE 270 "Standard"	3/4"	DSB Clear	Super Spacer	DSB LoE 270	Air	30	0.31	0.30	0.55	0.31	0.27	0.49
DSB LoE 366 / DSB Clear	3/4"	DSB Clear	Super Spacer	DSB LoE 366	Air	30	0.30	0.22	0.51	0.30	0.20	0.45
DSB LoE 366 / DSB Clear / Argon "TMAX"	3/4"	DSB Clear	Super Spacer	DSB LoE 366	Argon	30	0.27	0.22	0.51	0.27	0.20	0.45
DSB LoE 340 / DSB Clear	3/4"	DSB Clear	Super Spacer	DSB LoE 340	Air	30	0.31	0.15	0.31	0.31	0.14	0.27
DSB LoE 340 / DSB Clear / Argon	3/4"	DSB Clear	Super Spacer	DSB LoE 340	Argon	30	0.27	0.14	0.31	0.27	0.13	0.27
DSB LoE 366 / DSB i89 / Argon	3/4"	DSB i89	Super Spacer	DSB LoE 366	Argon	30	0.23	0.21	0.50	0.23	0.19	0.44
DSB LoE 270 / DSB Lami Clear	3/4"	DSB Lami Clear	Super Spacer	DSB LoE 270	Air	n/a	0.34	0.30	0.54	0.36	0.27	0.49
DSB LoE 366 / DSB Lami Clear	3/4"	DSB Lami Clear	Super Spacer	DSB LoE 366	Air	n/a	0.34	0.23	0.50	0.36	0.20	0.45
DSB LoE 270 / 3/16 Clear	1 1/8"	3/16" Clear	Super Spacer	DSB LoE 270	Air	35	0.32	0.29	0.55	0.32	0.27	0.49
DSB LoE 366 / 3/16 Clear	1 1/8"	3/16" Clear	Super Spacer	DSB LoE 366	Air	35	0.31	0.22	0.51	0.31	0.20	0.45
DSB LoE 366 / DSB i89 / Argon	1 1/8"	3/16" i89	Super Spacer	DSB LoE 366	Argon	35	0.24	0.21	0.49	0.24	0.19	0.44
3/16 LoE 366 / 3/16 i89 / Argon	1 1/8"	3/16" i89	Super Spacer	3/16" LoE 366	Argon	n/a	0.23	0.21	0.49	0.23	0.19	0.44
3/16 LoE 270 / 1/4 Lami Clear	1 1/8"	1/4" Lami Clear	Super Spacer	3/16" LoE 270	Air	n/a	0.31	0.29	0.54	0.31	0.26	0.48
3/16 LoE 366 / 1/4 Lami Clear	1 1/8"	1/4" Lami Clear	Super Spacer	3/16" LoE 366	Air	n/a	0.31	0.22	0.50	0.31	0.20	0.45
1/4 Lami LoE 270 / 1/4 Lami Clear	1 1/8"	1/4" Lami Clear	Super Spacer	1/4" Lami LoE 270	Air	n/a	0.31	0.28	0.53	0.31	0.25	0.47
EC150 Single Hung												
DSB LoE 270 "Standard"	3/4"	DSB Clear	Super Spacer	DSB LoE 270	Air	30	0.31	0.30	0.55	0.31	0.27	0.49
DSB LoE 366 / DSB Clear	3/4"	DSB Clear	Super Spacer	DSB LoE 366	Air	30	0.30	0.22	0.51	0.30	0.20	0.46
DSB LoE 366 / DSB Clear / Argon "TMAX"	3/4"	DSB Clear	Super Spacer	DSB LoE 366	Argon	30	0.27	0.22	0.51	0.27	0.20	0.46
DSB LoE 340 / DSB Clear	3/4"	DSB Clear	Super Spacer	DSB LoE 340	Air	30	0.31	0.15	0.31	0.31	0.14	0.27
DSB LoE 340 / DSB Clear / Argon	3/4"	DSB Clear	Super Spacer	DSB LoE 340	Argon	30	0.27	0.14	0.31	0.27	0.13	0.27
DSB LoE 366 / DSB i89 / Argon	3/4"	DSB i89	Super Spacer	DSB LoE 366	Argon	30	0.23	0.21	0.50	0.23	0.19	0.44
DSB LoE 270 / DSB Lami Clear	3/4"	DSB Lami Clear	Super Spacer	DSB LoE 270	Air	n/a	0.34	0.30	0.55	0.36	0.27	0.49
DSB LoE 366 / DSB Lami Clear	3/4"	DSB Lami Clear	Super Spacer	DSB LoE 366	Air	n/a	0.34	0.23	0.50	0.36	0.20	0.45
DSB LoE 270 / 3/16 Clear	1 1/8"	3/16" Clear	Super Spacer	DSB LoE 270	Air	35	0.32	0.29	0.55	0.32	0.27	0.49
DSB LoE 366 / 3/16 Clear	1 1/8"	3/16" Clear	Super Spacer	DSB LoE 366	Air	35	0.31	0.22	0.51	0.31	0.20	0.45
DSB LoE 366 / DSB i89 / Argon	1 1/8"	3/16" i89	Super Spacer	DSB LoE 366	Argon	35	0.23	0.21	0.49	0.23	0.19	0.44
3/16 LoE 366 / 3/16 i89 / Argon	1 1/8"	3/16" i89	Super Spacer	3/16" LoE 366	Argon	n/a	0.23	0.21	0.49	0.23	0.19	0.44
3/16 LoE 270 / 1/4 Lami Clear	1 1/8"	1/4" Lami Clear	Super Spacer	3/16" LoE 270	Air	n/a	0.31	0.29	0.54	0.31	0.26	0.48
3/16 LoE 366 / 1/4 Lami Clear	1 1/8"	1/4" Lami Clear	Super Spacer	3/16" LoE 366	Air	n/a	0.31	0.22	0.50	0.31	0.20	0.45
1/4 Lami LoE 270 / 1/4 Lami Clear	1 1/8"	1/4" Lami Clear	Super Spacer	1/4" Lami LoE 270	Air	n/a	0.31	0.28	0.53	0.31	0.25	0.47
EC180 Double Hung												
DSB LoE 270 "Standard"	3/4"	DSB Clear	Super Spacer	DSB LoE 270	Air	29	0.31	0.27	0.50	0.31	0.24	0.44
DSB LoE 366 / DSB Clear	3/4"	DSB Clear	Super Spacer	DSB LoE 366	Air	29	0.30	0.20	0.46	0.30	0.18	0.41
DSB LoE 366 / DSB Clear / Argon "TMAX"	3/4"	DSB Clear	Super Spacer	DSB LoE 366	Argon	29	0.27	0.20	0.46	0.27	0.18	0.41
DSB LoE 340 / DSB Clear	3/4"	DSB Clear	Super Spacer	DSB LoE 340	Air	29	0.30	0.14	0.28	0.30	0.12	0.25
DSB LoE 340 / DSB Clear / Argon	3/4"	DSB Clear	Super Spacer	DSB LoE 340	Argon	29	0.27	0.13	0.28	0.27	0.12	0.25
DSB LoE 366 / DSB i89 / Argon	3/4"	DSB i89	Super Spacer	DSB LoE 366	Argon	29	0.24	0.20	0.45	0.24	0.18	0.40
DSB LoE 270 / DSB Lami Clear	3/4"	DSB Lami Clear	Super Spacer	DSB LoE 270	Air	n/a	0.34	0.27	0.49	0.36	0.24	0.44
DSB LoE 366 / DSB Lami Clear	3/4"	DSB Lami Clear	Super Spacer	DSB LoE 366	Air	n/a	0.33	0.20	0.46	0.35	0.18	0.41
DSB LoE 270 / 3/16 Clear	1 1/8"	3/16" Clear	Super Spacer	DSB LoE 270	Air	n/a	0.31	0.27	0.50	0.31	0.24	0.44
DSB LoE 366 / 3/16 Clear	1 1/8"	3/16" Clear	Super Spacer	DSB LoE 366	Air	n/a	0.31	0.20	0.46	0.31	0.18	0.41
DSB LoE 366 / DSB i89 / Argon	1 1/8"	3/16" i89	Super Spacer	DSB LoE 366	Argon	n/a	0.24	0.19	0.45	0.24	0.17	0.40
3/16 LoE 366 / 3/16 i89 / Argon	1 1/8"	3/16" i89	Super Spacer	3/16" LoE 366	Argon	n/a	0.24	0.19	0.44	0.24	0.17	0.39
3/16 LoE 270 / 1/4 Lami Clear	1 1/8"	1/4" Lami Clear	Super Spacer	3/16" LoE 270	Air	35	0.31	0.26	0.49	0.31	0.23	0.43
3/16 LoE 366 / 1/4 Lami Clear	1 1/8"	1/4" Lami Clear	Super Spacer	3/16" LoE 366	Air	35	0.31	0.20	0.45	0.31	0.18	0.40
1/4 Lami LoE 270 / 1/4 Lami Clear	1 1/8"	1/4" Lami Clear	Super Spacer	1/4" Lami LoE 270	Air	39	0.30	0.25	0.48	0.30	0.23	0.43

EC155 Fixed Picture Window												
DSB LoE 270 "Standard"	3/4"	DSB Clear	Super Spacer	DSB LoE 270	Air	29	0.30	0.32	0.59	0.30	0.29	0.53
DSB LoE 366 / DSB Clear	3/4"	DSB Clear	Super Spacer	DSB LoE 366	Air	29	0.29	0.24	0.55	0.29	0.22	0.49
DSB LoE 366 / DSB Clear / Argon "TMAX"	3/4"	DSB Clear	Super Spacer	DSB LoE 366	Argon	29	0.25	0.23	0.55	0.25	0.21	0.49
DSB LoE 340 / DSB Clear	3/4"	DSB Clear	Super Spacer	DSB LoE 340	Air	29	0.29	0.16	0.33	0.29	0.15	0.29
DSB LoE 340 / DSB Clear / Argon	3/4"	DSB Clear	Super Spacer	DSB LoE 340	Argon	29	0.26	0.15	0.33	0.26	0.14	0.29
DSB LoE 366 / DSB i89 / Argon	3/4"	DSB i89	Super Spacer	DSB LoE 366	Argon	29	0.21	0.23	0.53	0.21	0.21	0.48
DSB LoE 270 / DSB Lami Clear	3/4"	DSB Lami Clear	Super Spacer	DSB LoE 270	Air	n/a	0.33	0.32	0.58	0.35	0.29	0.52
DSB LoE 366 / DSB Lami Clear	3/4"	DSB Lami Clear	Super Spacer	DSB LoE 366	Air	n/a	0.33	0.24	0.54	0.35	0.22	0.48
DSB LoE 270 / 3/16 Clear	1 1/8"	3/16" Clear	Super Spacer	DSB LoE 270	Air	33	0.31	0.31	0.59	0.31	0.28	0.53
DSB LoE 366 / 3/16 Clear	1 1/8"	3/16" Clear	Super Spacer	DSB LoE 366	Air	33	0.31	0.24	0.54	0.31	0.21	0.49
DSB LoE 366 / DSB i89 / Argon	1 1/8"	3/16" i89	Super Spacer	DSB LoE 366	Argon	33	0.22	0.23	0.53	0.22	0.21	0.47
3/16 LoE 366 / 3/16 i89 / Argon	1 1/8"	3/16" i89	Super Spacer	3/16" LoE 366	Argon	n/a	0.22	0.23	0.52	0.22	0.21	0.47
3/16 LoE 270 / 1/4 Lami Clear	1 1/8"	1/4" Lami Clear	Super Spacer	3/16" LoE 270	Air	n/a	0.30	0.31	0.58	0.30	0.28	0.52
3/16 LoE 366 / 1/4 Lami Clear	1 1/8"	1/4" Lami Clear	Super Spacer	3/16" LoE 366	Air	n/a	0.30	0.23	0.54	0.30	0.21	0.48
1/4 Lami LoE 270 / 1/4 Lami Clear	1 1/8"	1/4" Lami Clear	Super Spacer	1/4" Lami LoE 270	Air	n/a	0.30	0.30	0.57	0.30	0.27	0.51
EC147 Casement												
DSB LoE 270 "Standard"	3/4"	DSB Clear	Super Spacer	DSB LoE 270	Air	31	0.28	0.24	0.44	0.28	0.22	0.40
DSB LoE 366 / DSB Clear	3/4"	DSB Clear	Super Spacer	DSB LoE 366	Air	31	0.28	0.18	0.41	0.28	0.17	0.37
DSB LoE 366 / DSB Clear / Argon "TMAX"	3/4"	DSB Clear	Super Spacer	DSB LoE 366	Argon	31	0.25	0.18	0.41	0.25	0.16	0.37
DSB LoE 340 / DSB Clear	3/4"	DSB Clear	Super Spacer	DSB LoE 340	Air	31	0.28	0.12	0.25	0.28	0.11	0.22
DSB LoE 340 / DSB Clear / Argon	3/4"	DSB Clear	Super Spacer	DSB LoE 340	Argon	31	0.25	0.12	0.25	0.25	0.11	0.22
DSB LoE 366 / DSB i89 / Argon	3/4"	DSB i89	Super Spacer	DSB LoE 366	Argon	31	0.22	0.18	0.40	0.22	0.16	0.36
DSB LoE 270 / DSB Lami Clear	3/4"	DSB Lami Clear	Super Spacer	DSB LoE 270	Air	n/a	0.31	0.24	0.44	0.32	0.22	0.39
DSB LoE 366 / DSB Lami Clear	3/4"	DSB Lami Clear	Super Spacer	DSB LoE 366	Air	n/a	0.30	0.18	0.40	0.32	0.17	0.36
DSB LoE 270 / 3/16 Clear	1 1/8"	3/16" Clear	Super Spacer	DSB LoE 270	Air	34	0.29	0.24	0.44	0.29	0.22	0.40
DSB LoE 366 / 3/16 Clear	1 1/8"	3/16" Clear	Super Spacer	DSB LoE 366	Air	34	0.28	0.18	0.41	0.28	0.17	0.37
DSB LoE 366 / DSB i89 / Argon	1 1/8"	3/16" i89	Super Spacer	DSB LoE 366	Argon	34	0.22	0.17	0.40	0.22	0.16	0.36
3/16 LoE 366 / 3/16 i89 / Argon	1 1/8"	3/16" i89	Super Spacer	3/16" LoE 366	Argon	n/a	0.22	0.17	0.39	0.22	0.16	0.35
3/16 LoE 270 / 1/4 Lami Clear	1 1/8"	1/4" Lami Clear	Super Spacer	3/16" LoE 270	Air	n/a	0.28	0.23	0.43	0.28	0.21	0.39
3/16 LoE 366 / 1/4 Lami Clear	1 1/8"	1/4" Lami Clear	Super Spacer	3/16" LoE 366	Air	n/a	0.28	0.18	0.40	0.28	0.16	0.36
1/4 Lami LoE 270 / 1/4 Lami Clear	1 1/8"	1/4" Lami Clear	Super Spacer	1/4" Lami LoE 270	Air	n/a	0.28	0.23	0.43	0.28	0.21	0.38
EC140 Awning												
DSB LoE 270 "Standard"	3/4"	DSB Clear	Super Spacer	DSB LoE 270	Air	31	0.28	0.24	0.44	0.28	0.22	0.40
DSB LoE 366 / DSB Clear	3/4"	DSB Clear	Super Spacer	DSB LoE 366	Air	31	0.28	0.18	0.41	0.28	0.17	0.37
DSB LoE 366 / DSB Clear / Argon "TMAX"	3/4"	DSB Clear	Super Spacer	DSB LoE 366	Argon	31	0.25	0.18	0.41	0.25	0.16	0.37
DSB LoE 340 / DSB Clear	3/4"	DSB Clear	Super Spacer	DSB LoE 340	Air	31	0.28	0.12	0.25	0.28	0.11	0.22
DSB LoE 340 / DSB Clear / Argon	3/4"	DSB Clear	Super Spacer	DSB LoE 340	Argon	31	0.25	0.12	0.25	0.25	0.11	0.22
DSB LoE 366 / DSB i89 / Argon	3/4"	DSB i89	Super Spacer	DSB LoE 366	Argon	31	0.22	0.18	0.40	0.22	0.16	0.36
DSB LoE 270 / DSB Lami Clear	3/4"	DSB Lami Clear	Super Spacer	DSB LoE 270	Air	n/a	0.31	0.24	0.44	0.32	0.22	0.39
DSB LoE 366 / DSB Lami Clear	3/4"	DSB Lami Clear	Super Spacer	DSB LoE 366	Air	n/a	0.31	0.18	0.40	0.32	0.17	0.36
DSB LoE 270 / 3/16 Clear	1 1/8"	3/16" Clear	Super Spacer	DSB LoE 270	Air	34	0.29	0.24	0.44	0.29	0.22	0.40
DSB LoE 366 / 3/16 Clear	1 1/8"	3/16" Clear	Super Spacer	DSB LoE 366	Air	34	0.29	0.18	0.41	0.29	0.17	0.37
DSB LoE 366 / DSB i89 / Argon	1 1/8"	3/16" i89	Super Spacer	DSB LoE 366	Argon	34	0.23	0.17	0.40	0.23	0.16	0.36
3/16 LoE 366 / 3/16 i89 / Argon	1 1/8"	3/16" i89	Super Spacer	3/16" LoE 366	Argon	n/a	0.23	0.17	0.39	0.23	0.16	0.35
3/16 LoE 270 / 1/4 Lami Clear	1 1/8"	1/4" Lami Clear	Super Spacer	3/16" LoE 270	Air	n/a	0.29	0.23	0.43	0.29	0.21	0.39
3/16 LoE 366 / 1/4 Lami Clear	1 1/8"	1/4" Lami Clear	Super Spacer	3/16" LoE 366	Air	n/a	0.28	0.18	0.40	0.28	0.16	0.36
1/4 Lami LoE 270 / 1/4 Lami Clear	1 1/8"	1/4" Lami Clear	Super Spacer	1/4" Lami LoE 270	Air	n/a	0.28	0.23	0.43	0.28	0.21	0.38