



Mi Sliding Glass Door Thermal Chart

Updated February 7, 2017

Glass Package	OA Thickness of Ins. Glass Unit	Interior Glass	Spacer	Exterior Glass	Argon or Cap Tube	STC	No Grids			5/8 Flat Grids			15/16 Sculpt Grids		
							U-VALUE	SHGC	VLT	U-VALUE	SHGC	VLT	U-VALUE	SHGC	VLT
HM390 Vinyl Patio Door															
LoE ³ -366 Tempered - Standard	1"	DSB Clear	Intercept	DSB LoE ³ -366	Cap Tube	28	0.33	0.23	0.54	0.33	0.21	0.47	0.33	0.21	0.47
LoE ³ -366 Tempered + Argon	1"	DSB Clear	Intercept	DSB LoE ³ -366	Argon	28	0.29	0.23	0.54	0.29	0.20	0.47	0.29	0.20	0.47
Tinted LoE ³ -340 Tempered	1"	3/16" Clear	Intercept	DSB LoE ³ -340	Capillary Tube	28	0.33	0.16	0.32	0.33	0.14	0.28	0.33	0.14	0.28
Tinted LoE ³ -340 Tempered + Argon	1"	3/16" Clear	Intercept	DSB LoE ³ -340	Argon	28	0.29	0.15	0.32	0.29	0.14	0.28	0.29	0.14	0.28
CA-T24 Tempered	1"	DSB Clear	ULTRA	DSB LoE ³ -366	Capillary Tube	28	0.32	0.23	0.54	0.32	0.21	0.47	0.32	0.21	0.47
TMAX ALL ZONES Tempered	1"	DSB Clear	ULTRA	DSB LoE ³ -366	Argon	28	0.28	0.23	0.54	0.28	0.20	0.47	0.28	0.20	0.47
STC Tempered LoE ³ -366	1"	3/16" Clear	SuperSpacer	DSB LoE ³ -366	Capillary Tube	32	0.32	0.23	0.53	0.32	0.21	0.47	0.32	0.21	0.47
STC Tempered LoE ³ -366	1"	3/16" Clear	SuperSpacer	3/16 LoE ³ -366	Capillary Tube	33	0.31	0.23	0.53	0.31	0.21	0.46	0.31	0.21	0.46
SQS Lami + Tempered	1"	SQ41 1/4" Lami	SuperSpacer	DSB LoE ³ -366	Capillary Tube	34	0.31	0.23	0.53	0.31	0.21	0.47	0.31	0.21	0.47
SQS Lami + Tempered	1"	SQ41 1/4" Lami	Super Spacer	3/16 LoE ³ -366	Capillary Tube	35	0.31	0.23	0.53	0.31	0.21	0.46	0.31	0.21	0.46

Updated May 23, 2016

Glass Package	OA Thickness of Ins. Glass Unit	Interior Glass	Spacer	Exterior Glass	Argon or Cap Tube	STC	No Grids			5/8 Flat Grids			15/16 Sculpt Grids		
							U-VALUE	SHGC	VLT	U-VALUE	SHGC	VLT	U-VALUE	SHGC	VLT
EC190 French Rail PD															
Standard	7/8"	DSB Clear	Ultra	DSB LoE ³ -366	Capillary Tube	27	0.29	0.20	0.45	0.29	0.18	0.39	0.29	0.18	0.39
TMAX ALL ZONES	7/8"	DSB Clear	Ultra	DSB LoE ³ -366	Argon	27	0.26	0.20	0.45	0.26	0.17	0.39	0.26	0.17	0.39
LoE ³ -340	7/8"	3/16" Clear	Ultra	3/16" LoE ³ -340	Capillary Tube	27	0.29	0.14	0.27	0.29	0.12	0.23	0.29	0.12	0.23
LoE ³ -340 + Argon	7/8"	3/16" Clear	Ultra	3/16" LoE ³ -340	Argon	27	0.26	0.13	0.27	0.26	0.12	0.23	0.26	0.12	0.23
TMAX ALL ZONES SQS Lami	7/8"	SQ41 1/4" Lami	Ultra	DSB LoE ³ -366	Argon	34	0.26	0.20	0.45	0.26	0.17	0.39	0.26	0.17	0.39
STC Lami / Lami	1 1/8"	SQ41 1/4" Lami	Ultra	Lami LoE ³ -366	Capillary Tube	37	0.30	0.21	0.44	0.30	0.18	0.38	0.32	0.18	0.38

Updated May 20, 2016

Glass Package	OA Thickness of Ins. Glass Unit	Interior Glass	Spacer	Exterior Glass	Argon or Cap Tube	No Grids		
						U-VALUE	SHGC	VLT
EC Multi-Slide Door								
Energycore 192T Multi-Slide PD (Thermal Frame) - 8/0 High 2-Track Frame								
Standard LoE ³ -366	7/8"	DSB Clear Temp	ULTRA	DSB LoE ³ -366 Temp	Capillary Tube	0.41	0.20	0.46
LoE ³ -366	7/8"	DSB Clear Temp	ULTRA	DSB LoE ³ -366 Temp	Argon	0.38	0.20	0.46
LoE ³ -366	7/8"	3/16" Clear Temp	ULTRA	3/16 LoE ³ -366 Temp	Capillary Tube	0.40	0.21	0.45
LoE ³ -366 - Lami Interior	7/8"	3/16" Clear Temp	ULTRA	3/16 LoE ³ -366 Temp	Argon	0.37	0.20	0.45
LoE ³ 340	7/8"	3/16" Clear Temp	ULTRA	3/16 LoE ³ 340 Temp	Capillary Tube	0.40	0.14	0.27
LoE ³ 340 - Lami Interior	7/8"	3/16" Clear Temp	ULTRA	3/16 LoE ³ 340 Temp	Argon	0.37	0.14	0.27
Energycore 193T Multi-Slide PD (Thermal Frame) - 8/0 High 3-Track Frame								
Standard LoE ³ -366	7/8"	DSB Clear Temp	ULTRA	DSB LoE ³ -366 Temp	Capillary Tube	0.41	0.20	0.46
LoE ³ -366	7/8"	DSB Clear Temp	ULTRA	DSB LoE ³ -366 Temp	Argon	0.38	0.20	0.46
LoE ³ -366	7/8"	3/16" Clear Temp	ULTRA	3/16 LoE ³ -366 Temp	Capillary Tube	0.40	0.21	0.45
LoE ³ -366 - Lami Interior	7/8"	3/16" Clear Temp	ULTRA	3/16 LoE ³ -366 Temp	Argon	0.37	0.20	0.45
LoE ³ 340	7/8"	3/16" Clear Temp	ULTRA	3/16 LoE ³ 340 Temp	Capillary Tube	0.40	0.14	0.27
LoE ³ 340 - Lami Interior	7/8"	3/16" Clear Temp	ULTRA	3/16 LoE ³ 340 Temp	Argon	0.37	0.14	0.27
Energycore 194T Multi-Slide (Thermal Frame) - 8/0 High 4-Track Frame								
Standard LoE ³ -366	7/8"	DSB Clear Temp	ULTRA	DSB LoE ³ -366 Temp	Capillary Tube	0.41	0.20	0.46
LoE ³ -366	7/8"	DSB Clear Temp	ULTRA	DSB LoE ³ -366 Temp	Argon	0.38	0.20	0.46
LoE ³ -366	7/8"	3/16" Clear Temp	ULTRA	3/16 LoE ³ -366 Temp	Capillary Tube	0.40	0.21	0.45
LoE ³ -366 - Lami Interior	7/8"	3/16" Clear Temp	ULTRA	3/16 LoE ³ -366 Temp	Argon	0.37	0.20	0.45
LoE ³ 340	7/8"	3/16" Clear Temp	ULTRA	3/16 LoE ³ 340 Temp	Capillary Tube	0.40	0.14	0.27
LoE ³ 340 - Lami Interior	7/8"	3/16" Clear Temp	ULTRA	3/16 LoE ³ 340 Temp	Argon	0.37	0.14	0.27