



THE STAR OF ENERGY SAVINGS

Anlin Malibu Sliding Patio Doors (MAL Series)

Patio Sash	Glazing Option	Air Argon	U-Factor	SHGC No-Grid	SHGC Grid	VLT	UV Block	Air Infiltration	CRF	STC Ratings		
										Standard 1/8 over 1/8	Sound Pack 3/16 over 1/8	Laminated 7/32 over 1/8
Standard	SunMatrix Plus	Air	.33	.17	.16	52%	99%	.02 - .09	59	29	33	34
Standard	SunMatrix Plus	Argon	.29	.17	.15	52%	99%	.02 - .09	60	29	33	34
Standard	SunMatrix Plus/QT	Air	.27	.17	.15	50%	99%	.02 - .09	47	29	33	34
Standard	SunMatrix Plus/QT	Argon	.25	.17	.15	50%	99%	.02 - .09	51	29	33	34
Standard	Infinite Plus	Air	.33	.21	.19	65%	95%	.02 - .09	59	29	33	34
Standard	Infinite Plus	Argon	.29	.21	.19	65%	95%	.02 - .09	60	29	33	34
Standard	Infinite Plus/QT	Air	.27	.21	.18	63%	95%	.02 - .09	47	29	33	34
Standard	Infinite Plus/QT	Argon	.25	.21	.18	63%	95%	.02 - .09	51	29	33	34
Standard	SunShield Plus	Air	.33	.14	.13	39%	98%	.02 - .09	58	29	33	34
Standard	SunShield Plus	Argon	.29	.14	.12	39%	98%	.02 - .09	60	29	33	34
Standard	SunShield Plus/QT	Air	.27	.14	.12	38%	98%	.02 - .09	47	29	33	34
Standard	SunShield Plus/QT	Argon	.25	.13	.12	38%	98%	.02 - .09	50	29	33	34
Standard	CoolShield Plus	Air	.33	.28	.25	70%	86%	.02 - .09	58	29	33	34
Standard	CoolShield Plus	Argon	.30	.28	.25	70%	86%	.02 - .09	60	29	33	34
Standard	CoolShield Plus/QT	Air	.28	.28	.25	69%	86%	.02 - .09	46	29	33	34
Standard	CoolShield Plus/QT	Argon	.25	.28	.25	69%	86%	.02 - .09	50	29	33	34
Standard	Luminance	Air	.34	.49	.44	79%	71%	.02 - .09	57	29	33	34
Standard	Luminance	Argon	.31	.49	.43	79%	71%	.02 - .09	60	29	33	34
Standard	Luminance/QT	Air	.28	.48	.42	77%	73%	.02 - .09	46	29	33	34
Standard	Luminance/QT	Argon	.26	.48	.42	77%	73%	.02 - .09	49	29	33	34

Patio Door Type	Size	Air Infiltration
Malibu XO Narrow Sash	120" X 99"	.03
Malibu XOO Narrow Sash	182" X 99"	.06
Malibu OXO Narrow Sash	182" X 99"	.09
Malibu OXXO Narrow Sash	192" X 99"	.03

Plus - Easy Clean Exterior Coating **QT** - Heat Retention Coating **SHGC** - Solar Heat Gain Coefficient
CRF - Condensation Resistance Factor **STC** - Sound Transmission Class
VLT - Visible Light Transmittance (Note: VLT on NFRC label will vary as calculation is based on complete unit, not viewing area)



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Patio Sash	Glazing Option	Air Argon	U-Factor	SHGC No-Grid	SHGC Grid	VLT	UV Block	Air Infiltration	CRF	STC Ratings		
										Standard 1/8 over 1/8	Sound Pack 3/16 over 1/8	Laminated 7/32 over 1/8
French	SunMatrix Plus	Air	.34	.15	.14	52%	99%	.01 - .09	58	29	32	34
French	SunMatrix Plus	Argon	.30	.15	.13	52%	99%	.01 - .09	59	29	32	34
French	SunMatrix Plus/QT	Air	.29	.15	.13	50%	99%	.01 - .09	47	29	32	34
French	SunMatrix Plus/QT	Argon	.27	.15	.13	50%	99%	.01 - .09	51	29	32	34
French	Infinite Plus	Air	.34	.19	.17	65%	95%	.01 - .09	58	29	32	34
French	Infinite Plus	Argon	.30	.19	.16	65%	95%	.01 - .09	59	29	32	34
French	Infinite Plus/QT	Air	.29	.18	.16	63%	95%	.01 - .09	47	29	32	34
French	Infinite Plus/QT	Argon	.27	.18	.16	63%	95%	.01 - .09	51	29	32	34
French	SunShield Plus	Air	.34	.13	.11	39%	98%	.01 - .09	58	29	32	34
French	SunShield Plus	Argon	.31	.12	.11	39%	98%	.01 - .09	59	29	32	34
French	SunShield Plus/QT	Air	.29	.12	.11	38%	98%	.01 - .09	47	29	32	34
French	SunShield Plus/QT	Argon	.27	.12	.11	38%	98%	.01 - .09	50	29	32	34
French	CoolShield Plus	Air	.34	.25	.22	70%	86%	.01 - .09	58	29	32	34
French	CoolShield Plus	Argon	.31	.25	.22	70%	86%	.01 - .09	59	29	32	34
French	CoolShield Plus/QT	Air	.29	.25	.22	69%	86%	.01 - .09	46	29	32	34
French	CoolShield Plus/QT	Argon	.27	.24	.22	69%	86%	.01 - .09	50	29	32	34
French	Luminance	Air	.35	.43	.38	79%	71%	.01 - .09	57	29	32	34
French	Luminance	Argon	.32	.43	.38	79%	71%	.01 - .09	59	29	32	34
French	Luminance/QT	Air	.30	.42	.37	77%	73%	.01 - .09	46	29	32	34
French	Luminance/QT	Argon	.28	.42	.37	77%	73%	.01 - .09	49	29	32	34

Patio Door Type	Size	Air Infiltration
Malibu XO Wide Sash	96" X 99"	.03
Malibu XOO Wide Sash	182" X 99"	.08
Malibu OXO Wide Sash	182" X 99"	.09
Malibu OXXO Wide Sash	192" X 99"	.01

Plus - Easy Clean Exterior Coating **QT** - Heat Retention Coating **SHGC** - Solar Heat Gain Coefficient
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Anlin Malibu Swinging French Doors (MAL Series)

Swing Operation	Glazing Option	Air Argon	U-Factor	SHGC No-Grid	SHGC Grid	VLT	UV Block	Air Infiltration	CRF	STC Ratings		
										Standard 1/8 over 1/8	Sound Pack 3/16 over 1/8	Laminated 7/32 over 1/8
Inswing	SunMatrix Plus	Air	.34	.14	.13	52%	99%	0.16	56	29	30	32
Inswing	SunMatrix Plus	Argon	.32	.14	.12	52%	99%	0.16	56	29	30	32
Inswing	SunMatrix Plus/QT	Air	.30	.14	.12	50%	99%	0.16	48	29	30	32
Inswing	SunMatrix Plus/QT	Argon	.28	.14	.12	50%	99%	0.16	52	29	30	32
Inswing	Infinite Plus	Air	.34	.17	.15	65%	95%	0.16	56	29	30	32
Inswing	Infinite Plus	Argon	.31	.17	.15	65%	95%	0.16	56	29	30	32
Inswing	Infinite Plus/QT	Air	.30	.17	.15	63%	95%	0.16	48	29	30	32
Inswing	Infinite Plus/QT	Argon	.28	.17	.15	63%	95%	0.16	52	29	30	32
Inswing	SunShield Plus	Air	.35	.12	.11	39%	98%	0.16	56	29	30	32
Inswing	SunShield Plus	Argon	.32	.12	.10	39%	98%	0.16	56	29	30	32
Inswing	SunShield Plus/QT	Air	.30	.11	.10	38%	98%	0.16	48	29	30	32
Inswing	SunShield Plus/QT	Argon	.28	.11	.10	38%	98%	0.16	52	29	30	32
Inswing	CoolShield Plus	Air	.35	.23	.20	70%	86%	0.16	56	29	30	32
Inswing	CoolShield Plus	Argon	.32	.23	.20	70%	86%	0.16	56	29	30	32
Inswing	CoolShield Plus/QT	Air	.30	.23	.20	69%	86%	0.16	48	29	30	32
Inswing	CoolShield Plus/QT	Argon	.29	.23	.20	69%	86%	0.16	52	29	30	32
Inswing	Luminance	Air	.35	.40	.34	79%	71%	0.16	55	29	30	32
Inswing	Luminance	Argon	.33	.40	.34	79%	71%	0.16	56	29	30	32
Inswing	Luminance/QT	Air	.31	.38	.33	77%	73%	0.16	47	29	30	32
Inswing	Luminance/QT	Argon	.29	.39	.33	77%	73%	0.16	51	29	30	32

SHGC - Solar Heat Gain Coefficient

CRF - Condensation Resistance Factor

STC - Sound Transmission Class

VLT - Visible Light Transmittance (Note: VLT on NFRC label will vary as calculation is based on complete unit, not viewing area)



Anlin Malibu Swinging French Doors (MAL Series)

Swing Operation	Glazing Option	Air Argon	U-Factor	SHGC No-Grid	SHGC Grid	VLT	UV Block	Air Infiltration	CRF	STC Ratings		
										Standard 1/8 over 1/8	Sound Pack 3/16 over 1/8	Laminated 7/32 over 1/8
Outswing	SunMatrix Plus	Air	.35	.14	.13	52%	99%	0.04	60	29	30	32
Outswing	SunMatrix Plus	Argon	.32	.14	.12	52%	99%	0.04	61	29	30	32
Outswing	SunMatrix Plus/QT	Air	.30	.14	.12	50%	99%	0.04	48	29	30	32
Outswing	SunMatrix Plus/QT	Argon	.29	.14	.12	50%	99%	0.04	52	29	30	32
Outswing	Infinite Plus	Air	.35	.17	.15	65%	95%	0.04	60	29	30	32
Outswing	Infinite Plus	Argon	.32	.17	.15	65%	95%	0.04	61	29	30	32
Outswing	Infinite Plus/QT	Air	.31	.17	.15	63%	95%	0.04	48	29	30	32
Outswing	Infinite Plus/QT	Argon	.28	.17	.15	63%	95%	0.04	52	29	30	32
Outswing	SunShield Plus	Air	.35	.12	.11	39%	98%	0.04	60	29	30	32
Outswing	SunShield Plus	Argon	.32	.12	.10	39%	98%	0.04	61	29	30	32
Outswing	SunShield Plus/QT	Air	.31	.11	.10	38%	98%	0.04	47	29	30	32
Outswing	SunShield Plus/QT	Argon	.29	.11	.10	38%	98%	0.04	51	29	30	32
Outswing	CoolShield Plus	Air	.35	.23	.20	70%	86%	0.04	60	29	30	32
Outswing	CoolShield Plus	Argon	.32	.23	.20	70%	86%	0.04	61	29	30	32
Outswing	CoolShield Plus/QT	Air	.31	.23	.20	69%	86%	0.04	47	29	30	32
Outswing	CoolShield Plus/QT	Argon	.29	.23	.20	69%	86%	0.04	51	29	30	32
Outswing	Luminance	Air	.36	.40	.34	79%	71%	0.04	60	29	30	32
Outswing	Luminance	Argon	.33	.40	.34	79%	71%	0.04	61	29	30	32
Outswing	Luminance/QT	Air	.31	.38	.33	77%	73%	0.04	46	29	30	32
Outswing	Luminance/QT	Argon	.29	.39	.33	77%	73%	0.04	50	29	30	32

SHGC - Solar Heat Gain Coefficient

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Anlin Malibu

Structural Performance Data

Malibu 2 3/4" & 4 1/2" Rail Doors	Min Size	Max Size	Rating ⁽¹⁾
XO, OX	48 x 72	120 x 99	R20
XOO, OOX	72 x 72	182 x 99	R15
OXO	72 x 72	182 x 99	R20
OXXO	72 x 72	192 x 99	R15
Side Lite	14 x 72	60 x 99	R20
SL/SL	28 x 72	120 x 99	R15
SL/SL/SL	42 x 72	182 x 99	R15

(1) Rating based on Max Size unit

Malibu French Swinging Doors	Min Size	Max Size	Rating ⁽¹⁾ Out-swing	Rating ⁽¹⁾ In-swing
X	24 x 72	38 x 96	R20	R15
XX	36 x 72	74 x 96	R20	R15
XO	36 x 72	74 x 96	R20	R15
OX	36 x 72	74 x 96	R20	R15
OXO	54 x 72	120 x 96	R20	R15
XXO	54 x 72	120 x 96	R20	R15
OXX	54 x 72	120 x 96	R20	R15
OOX	54 x 72	120 x 96	R20	R15
XOO	54 x 72	120 x 96	R20	R15
OXXO	72 x 72	120 x 96	R20	R15
SL	10.5 x 72	38 x 96	R20	R15
SL/SL	36 x 72	74 x 96	R20	R15

(1) Rating based on Max Size unit

FRENCH SWINGING DOOR NOTES:

- Fixed Side Lites less than 18" requires smaller 2" sash with a filler-sash (top & bottom) creating an equal sight line horizontally. Minimum width = 10.5", Maximum Width = 18", Maximum height = 96"
- Fixed Side Lites greater than 18" requires 4 1/2" standard sash creating equal sight lines both horizontally and vertically. Minimum width = 18 1/4", Maximum Width = 36", Maximum height = 96"
- Operable Side Lites are In-Swing only and requires smaller 2" sash with a filler-sash (top & bottom) creating an equal sight line horizontally. Minimum width = 10.5", Maximum width = 18", Maximum height = 82"
- Maximum panel size for all configurations is 36"