



MALIBU-QT

LUXURY SLIDING PATIO & SWINGING FRENCH DOORS

FEATURING ANLIN'S EXCLUSIVE

QUADRATHERM™

ULTIMATE DUAL PANE INSULATION SYSTEM





**FULL
LIFETIME
WARRANTY**
— FOR —
HOMEOWNERS

MALIBU-QT

The Industry's
Most Energy Efficient
Dual Pane Patio Doors



Malibu-QT – featuring Anlin's exclusive QuadraTherm™ Ultimate Dual Pane Insulation System – gives you tomorrow's energy performance today. In addition to unmatched thermal performance, Malibu-QT offers year-round beauty, security and comfort that you'll enjoy every day. Each patio door is custom-built for your home using proprietary materials and craftsmanship that are the hallmarks of Anlin Window Systems. Quite simply Malibu-QT is one of the wisest investments you can make in your home.

QUADRA THERM™

ULTIMATE DUAL PANE INSULATION SYSTEM

It's the science behind maximum energy efficiency and comfort. And **ONLY** Anlin offers it.

Anlin's Year-Round Performance Glazing System

Anlin's proprietary QuadraTherm™ Ultimate Dual Pane Insulation System offers superior energy efficiency and comfort year-round, and with lower energy costs.

It includes:

Patented 14-Layer Solar Reflective Coating **1**

Keeps the sun's heat from transmitting through the patio door into your home on hot, sunny days - blocking 95% of harmful UV rays.

Patented Multi-Layer Heat Retention Coating **2**

Keeps your home's interior heat from transmitting through the patio door out of your home when it's cold outside.

Platinum Elite Warm Edge Spacer **3**

Multi-chambered structural silicone foam spacer is a powerful insulator - the most advanced and efficient spacer on the market.

Argon Gas "Flood Filled" **4**

Turns the space between glass panes into a highly effective thermal barrier. "Flood filled" technology guarantees 90-95% fill rate.



Breathe easier and cleaner, whether your doors are open or closed.

Our screens are protected with an antimicrobial treatment that inhibits the growth of stain and odor-causing bacteria, mold and mildew.

Triple-Fin Weatherstrip



Malibu-QT Doors include an upgraded weatherstrip with three fins, plush fiber and backing ALL infused with antimicrobial treatment.



Anlin's locking door screens are made with heavy-duty extruded frames and include a flush-mounted, self-latching handle.

BetterVue® Screens



Standard



BetterVue®

Anlin's BetterVue® door screens allow a much clearer view than standard screens. At the same time, they increase airflow and protect better against insects. The screen mesh is infused with an antimicrobial treatment that won't wash or wear away.

Vinyl Sliding Patio Doors

Available in Standard (2 1/2" wide rails) and French-style (4 1/2" wide rails), Malibu-QT Sliding Patio Doors are built for beauty and comfort that last a lifetime. And with metal-reinforced sashes and forced-entry resistant locking systems, they also keep your home secure. Choose the style, configuration, color, and upgrade options that are right for your home.



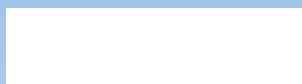
MALIBU-QT

Sliding & Fixed Panel
Sample Configurations

Standard Features

- **QUADRATHERM™**
ULTIMATE DUAL PANE INSULATION SYSTEM
- SIZES Height: from 6' to 8'
Width: from 5' to 12'
- All corners are thermal fusion welded for strength and a watertight seal.
- Heavy duty 1 1/2" oversized tandem rollers with sealed ball bearings for consistently quiet and smooth operation.
- Multi-point locking system: passed stringent California Forced Entry (CFE) resistance test
- Metal-reinforced sashes
- Ergonomic, contoured handle
- Heavy duty extruded screen frame with metal reinforced corners offer a lifetime of use with easy operation.
- Metal flush mount self-latching screen door handle with lock (heavy-duty latch and keeper)

FRAME COLORS

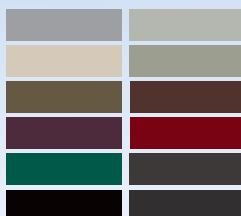


White Vinyl (Standard)
white exterior / white interior



Tan Vinyl (Standard)
tan exterior / tan interior

THERMACOAT™ SOLAR REFLECTIVE EXTERIOR COLORS (Optional)



DOOR HANDLES

Includes multi-point locking system that locks door to jamb for added security



White
(Standard)

Tan
(Standard)

Polished
Brass
(Optional
interior only)

Satin
Nickel
(Optional
interior only)

Bronze
(Optional
interior only)

STYLE OPTIONS



Standard Style 2 1/2" wide rails



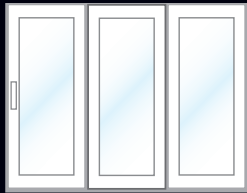
French Style 4 1/2" wide rails



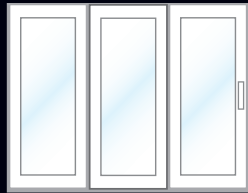
XO
Sliding / Fixed



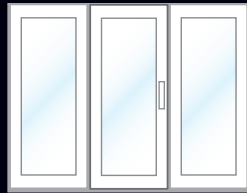
OX
Fixed / Sliding



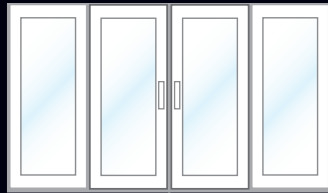
XOO
Sliding / Fixed / Fixed



OOX
Fixed / Fixed / Sliding



OXO
Fixed / Sliding / Fixed

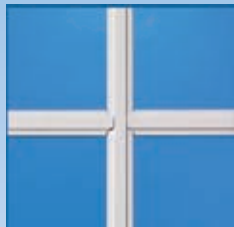


OXXO
Fixed / Sliding / Sliding / Fixed

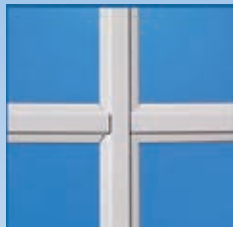
GRID STYLES (Optional)



5/8" Flat

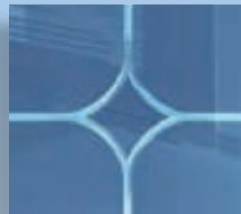


5/8" Sculptured



1" Sculptured

V-GROOVE BEVELED GLASS (Optional)



Various styles and patterns available

DEAD BOLT (Optional)

Stainless steel bolt for added security



GRID PATTERNS (Optional)



Colonial



Perimeter



Queen Anne

CASING STYLES (Optional)



Double Wall Beveled Flush Fin



Brick Mould Multi-Tiered

Vinyl Swinging French Doors

Enjoy all the style and elegance of French doors with the energy efficiency and low maintenance of Anlin vinyl. Malibu-QT Swinging French Doors come in a variety of configurations and options so you can create French doors that enhance your home's style. Standard security measures include an exterior keyed lock with a three-point locking system, metal-reinforced sash and a dead bolt.



MALIBU-QT

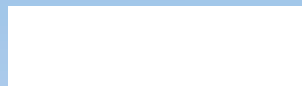
Swing & Fixed Panel

Sample Configurations
(All Swing Options Can Be In-Swing Or Out-Swing.)

Standard Features

- **QUADRATHERM™**
ULTIMATE DUAL PANE INSULATION SYSTEM
- SIZES Height: from 6' to 8'
Width: from 2' 6" to 10'
- All corners are thermal fusion welded for strength and a watertight seal.
- Three-point locking system; passed stringent California Forced Entry (CFE) resistance tests.
- Exterior keyed lock
- Dead bolt for extra security
- Adjustable hinges
- Aluminum threshold
- Fully aluminum-reinforced
- Hoppe Resista® Lifetime Finish Hardware

FRAME COLORS



White Vinyl (Standard)
white exterior / white interior



Tan Vinyl (Standard)
tan exterior / tan interior

THERMACOAT™ SOLAR REFLECTIVE EXTERIOR COLORS (Optional)



DOOR HANDLES



White
(Standard)

Polished
Brass*
(Optional)

Satin
Nickel
(Optional)

Bronze
(Optional)

* Polished brass hardware standard on tan swing doors

CASING STYLE

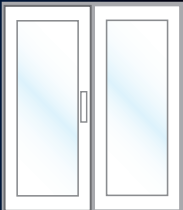
(Optional)

(Double Wall Beveled
Flush Fin)





X Swing



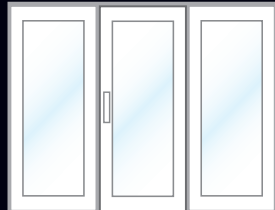
XO Swing/Fixed



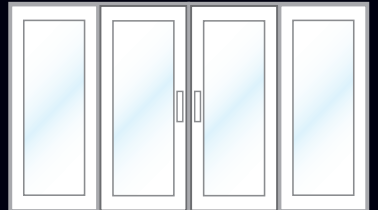
OX Fixed/Swing



XX Swing/Swing



OXO Fixed/Swing/Fixed



OXOX Fixed/Swing/Swing/Fixed

GRID STYLES (Optional)



5/8" Flat



5/8" Sculptured



1" Sculptured

GRID PATTERNS (Optional)



Colonial



Perimeter



Queen Anne



Operable sidelites available in-swing only

V-GROOVE BEVELED GLASS (Optional)



Various styles and patterns available

BOLT ACTION LOCK



For operable sidelites

THERMAL PERFORMANCE DATA

PATIO DOOR STYLES	Total Unit U-Factor ¹	Solar Heat Gain Coeff. ²	Visible Light Transmittance ³	UV Block ⁴
Typical Sliding - [Dual Pane Clear]	0.46	0.61	82%	42%
Malibu-QT Sliding - [QuadraTherm™ with Argon]	0.24	0.20	57%	95%
Typical Sliding - French Style [Dual Pane Clear]	0.44	0.53	82%	42%
Malibu-QT Sliding - French Style [QuadraTherm™ with Argon]	0.26	0.18	57%	95%
Typical Out-swing French Door [Dual Pane Clear]	0.45	0.48	82%	42%
Malibu-QT Out-swing French Door [QuadraTherm™ with Argon]	0.28	0.16	57%	95%
Typical In-swing French Door [Dual Pane Clear]	0.45	0.48	82%	42%
Malibu-QT In-swing French Door [QuadraTherm™ with Argon]	0.28	0.16	57%	95%

Malibu-QT patio doors with QuadraTherm™ Ultimate Dual Pane Insulation System leads the industry in thermal performance.

1 U-factor represents the amount of heat transfer as measured in accordance with NFRC 100-2001, calculation uses total window unit, and assumes 3/4" glazing with a 1/2" airspace. Lower is better.
 2 Solar heat gain coefficient (SHGC) measures the amount of solar radiation entering the building. As measured per NFRC 200-2001 with the Window 4.1 and Frame 4.1 modeling programs. Lower is better.
 3 Visible light transmittance indicates the amount of outside light reaching the interior as calculated using center of glass. Higher percentages mean more outside light reaches interior.
 4 Ultraviolet (UV) light block calculations performed using Lawrence Berkeley Laboratories Window 4.1 program. Percentages indicate amount of UV transmittance blocked from the interior using a 3/4" glazing unit.

QUADRATHERM™
 ULTIMATE DUAL PANE INSULATION SYSTEM



Anlin Window Systems

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 Clovis, CA 93611
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CERTIFIED TO MEET OR EXCEED EXPECTATIONS

All Anlin windows and doors are AAMA and NFRC certified, and ENERGY STAR® qualified with:

INSTALLATION STANDARDS

Anlin Window Systems' recommends following installation standards in your local building codes, and the instructions found in the following AAMA publications:

Replacement: AAMA 2410-03: Standard for Installation of Windows with an Exterior Flush Fin Over an Existing Window Frame.

Replacement: CAWM 420-97: Standard for Installation of Block Frame Windows Utilizing an Existing Perimeter Wood Frame.

New Construction: AAMA 2400-02: Standard for Installation of Windows with a Mounting Flange in Stud Frame Construction.

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