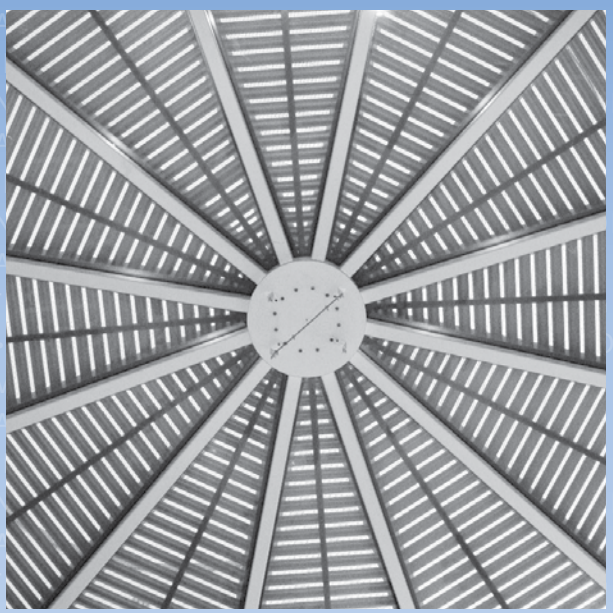
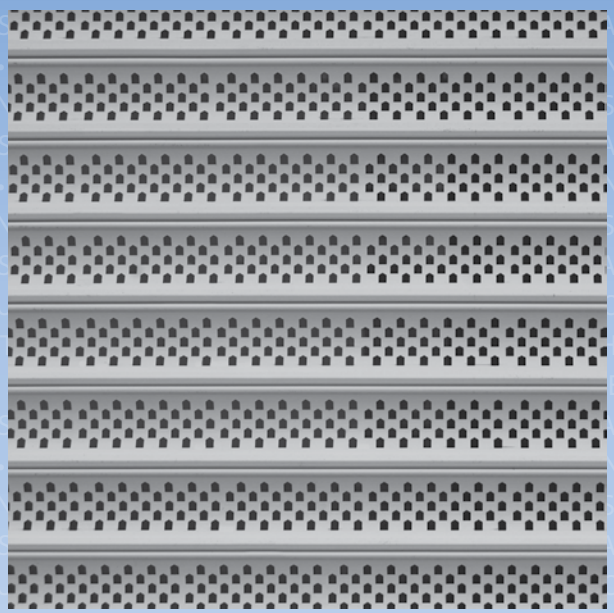
ALUTECH

ALUTECH
UNITED, INC.





ENGINEERED PROTECTION SYSTEMS

For Commercial and Residential Applications

ABOUT ALUTECH

ALUTECH UNITED, INC.

More than 35 years ago, following the traditions of German inventors, Hans Schanz developed a bold and novel technology for a roll shutter. His invention, the "Studio Star" roll shutter was able to follow the shapes of a multitude of window types. Within a few years, Schanz became the national market leader for asymmetrically shaped roll shutters.

During the 90s, a second generation Schanz family started to actively work, shaping the company's future. Joe Schanz expanded the American subsidiary of Alutech and developed the North American market. Today, he is the President of Alutech United Inc. with a special focus on roll shutters for hurricane protection and security.

Years of research and development at Alutech have led to one of the most versatile product lines of shutters in North America. "Barracuda," a shutter system for security and storm protection, and the "Studio Star," a roll shutter for all window shapes, are examples of the products now distributed and installed by factory trained dealers across the country.

Since 1993, General Manager George Pfaller has led Alutech to become the most respected and leading hurricane and security shutter manufacturer in the industry. Through his leadership and dedication, with help from very dedicated and diverse employees, Alutech has grown from two employees to a staff of over 30 employees today. The company prides itself on delivering the highest quality products, excellent customer service, as well as continuing a commitment to developing new products for the shutter industry.

Alutech currently has two locations—one in Selbyville, Delaware and one in Sarasota, Florida.

ALUSTAR

THE EVERYDAY ROLLING SHUTTER SYSTEM

ALUTECH UNITED, INC.

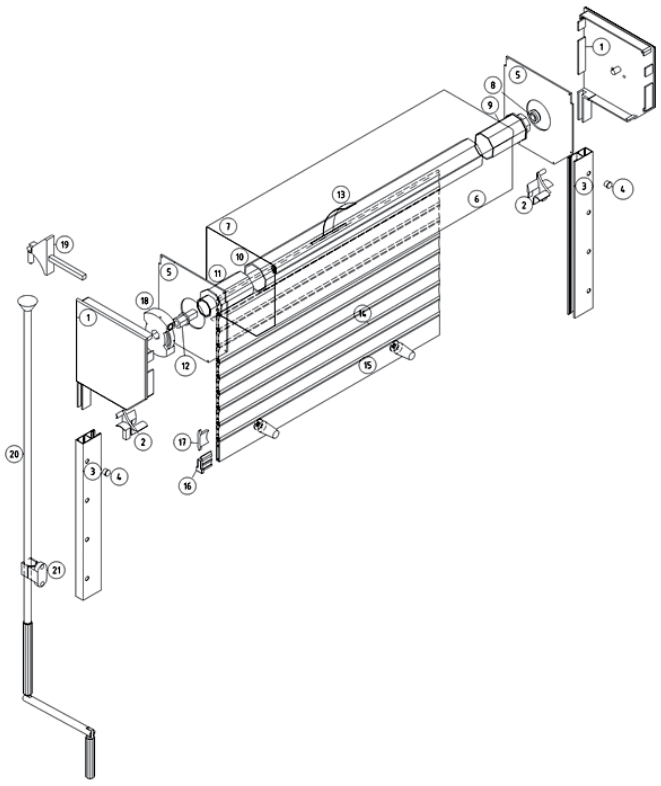
RC37

Material	rollformed aluminum foam filled, powder coat paint finish
Slat Height	37mm
Nominal Thickness	17/64" (7mm)
Weight per sq. ft.	.56 lbs.
Colors*	white, beige, cream, gray, brown, silver, black
Max. Width	102" wide
Max. Height	102" tall
Vent Option	white only

RC42

Material	rollformed aluminum foam filled, powder coat paint finish
Slat Height	42mm
Nominal Thickness	7/16" (8.7mm)
Weight per sq. ft.	.59 lbs.
Colors*	white, beige, cream, gray, brown, black
Max. Width	118" wide
Max. Height	120" tall
Vent Option	all colors

Color examples on back.



APPLICATIONS

- Kiosks
- Closet doors
- Bar enclosures
- Pharmacy counters
- Mail sorters
- Truck bed enclosures
- Jewelry cabinets
- Residential homes
- Commercial properties
- Ticket Windows

BENEFITS

- Residential security
- Commercial security
- Storm protection
- Solar protection
- Thermal protection
- Manual options
- Motorized
- Remote controlled
- Light vent options
- Energy savings
- Home automation
- Solar powered

BARRACUDA

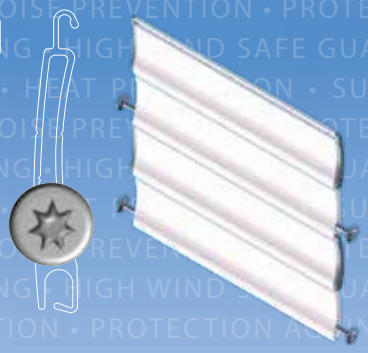
PREMIUM HURRICANE AND SECURITY SYSTEM

ALUTECH UNITED, INC.

RETENTION

APPROVALS:
FBC
MIAMI DADE
TEXAS DEPARTMENT
IBC

Refer to engineering drawing for more info.



Material	extruded aluminum powder coated paint finish
Slat Height	42mm
Nominal Thickness	1/4" (6.35mm)
Weight per sq. ft.	1.64 lbs.
Colors*	white, beige, cream, gray, brown, silver
Max. Width	192" wide
Max. Height	144" tall
Vent Option	available

NON RETENTION

APPROVALS:
FBC
TEXAS DEPARTMENT
IBC

Refer to engineering drawing for more info.

Material	extruded aluminum powder coated paint finish
Slat Height	42mm
Nominal Thickness	1/4" (6.35mm)
Weight per sq. ft.	1.64 lbs.
Colors*	white, beige, cream, gray, brown, silver
Max. Width	192" wide
Max. Height	144" tall
Vent Option	available

Color examples on back.

APPLICATIONS

- Bar enclosures
- Pharmacy counters
- Balcony enclosures
- Lanai enclosures
- Residential homes
- Store fronts
- Porch enclosures
- Mall fronts

BENEFITS

- Residential security
- Commercial security
- Hurricane protection
- Home automation
- Motorized
- Remote controlled
- Screw retention on slats
- Smaller box sizes
- No vertical bars
- Solar power options
- Snap cap rail covers—no hole plugs

MAGNUM

MAGNUM PROTECTION FOR HURRICANES, STORMS, SECURITY

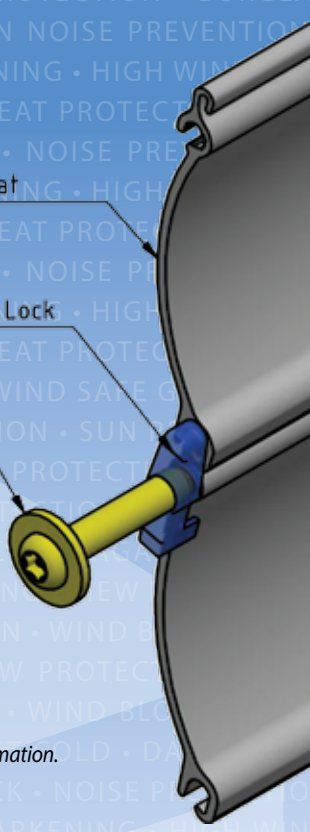
ALUTECH UNITED, INC.

BENEFITS

- Great Security Shutter
- Shade Control
- Noise Control
- Privacy Control
- No Vertical Storm Bars
- Small Box Sizes
- S. S. Retention screw options with two different roll diameters
- Snap Cap rail cover
- Perforated blade options

Material	extruded aluminum powder coated paint finish
Covering Surface	2 1/4" (57mm)
Slat Height	57mm
Nominal Thickness	9/32" (7mm)
Weight per sq. ft.	1.30 lbs.
Slats per sq. ft.	5.38
Colors*	white, beige, cream, gray, brown, silver, bronze
Max. Width	18 ft. wide
Max. Height	19 ft. tall
Min. Roll Diameter	60mm

Color examples on back.



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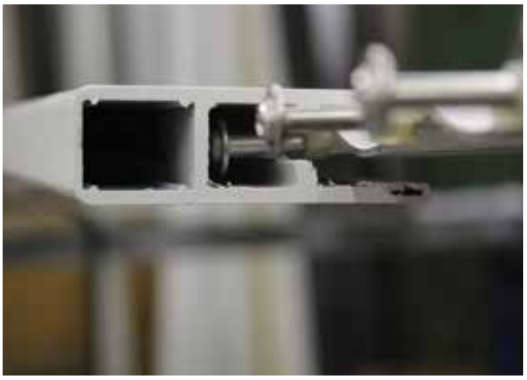
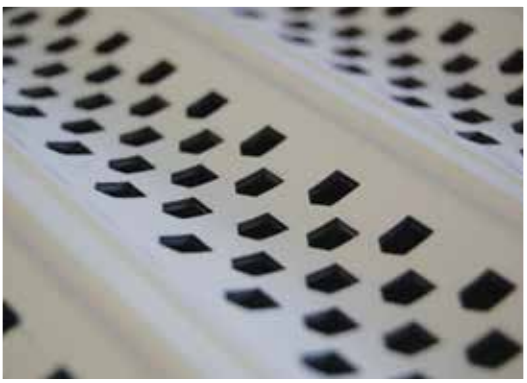
APPROVALS:
FBC
TEXAS DEPARTMENT
IBC
Refer to engineering drawing for more information.
PATENT #US-D774210 S1





APPLICATIONS

- Bar enclosures
- Pharmacy counters
- Balcony enclosures
- Lanai enclosures
- Residential homes
- Store fronts
- Porch enclosures
- Mall fronts

BARRACUDA 3.57 MAGNUM

ZIPTEX

OUR SOLAR SHADE AND INSECT PROTECTION SYSTEM

ALUTECH UNITED, INC.

BENEFITS

- Continual spiral zipper attached to fabric
- Powder coated frames
- Maximum 19 ft. width
- Maximum 19 ft. height
- Hundreds of fabric options
- Co-extruded rail insert for strength (plastic/rubber)
- Higher wind loads
- Clear window inserts available
- Rollformed housings standard —extruded available
- 4" and 5" housing sizes
- Any direction deployment (flat, bottom up, top down)
- Guaranteed deployment options
- Crank operated option
- Motorized options
- Remote controlled options
- Instant Shade
- Instant Insect defender

Multiple fabric options available.

APPLICATIONS

- Porch enclosures
- Solar protection
- Bar enclosures
- Balcony enclosures
- Lanai enclosures
- Garage enclosures
- Sunrooms
- Skylights
- Restaurants

MANUAL OPTIONS

Pull Strap Box

Pull Down Bottom Lock

Outside Handle Crank

Crank Strap Box

Pull Down Center Lock

Inside Handle Crank

Crank Cord Box

Pull Down HD Lock

Security Handle Crank

ALUTECH UNITED, INC.

MOTORIZATION

Standard Switch

Remote Control

Outside Crank Override

Designer Switch

Remote Keypad Control

Inside Crank Override

Keyed Switch

Automation with MyLink

Security Crank Override

STUDIO STAR

OUR MOST UNIQUE SHUTTER SYSTEM

ALUTECH UNITED, INC.

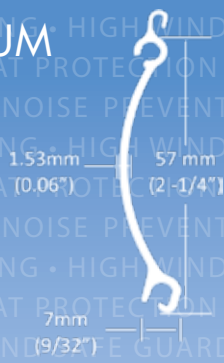
BENEFITS

- Residential security
- Hurricane protection
- Solar protection
- Thermal protection
- Only roll shutter system that covers shaped openings
- Protect virtually any shaped opening
- German engineering and parts coupled with American ingenuity and International Building Code requirements
- Extruded slat profiles
- Engineered motor and drive system
- Specialized pulley system
- Custom framework
- Synthetic fiber cord
- Light and visibility even when closed
- Manual options available

RCE40

Material	extruded aluminum electric static paint finish
Slat Height	40mm
Nominal Thickness	7/16" (8.7mm)
Weight per sq. ft.	1.64 lbs.
Colors*	white, beige, cream, gray, brown
Max. Width	165" wide
Max. Height	110" tall
Vent Option	available

MAGNUM



Material	extruded aluminum electric static paint finish
Slat Height	57mm
Nominal Thickness	9/32" (7mm)
Weight per sq. ft.	1.30 lbs.
Colors*	white, beige, cream, gray, brown, silver, bronze
Max. Width	18" wide
Max. Height	19" tall
Vent Option	perforated light holes

RCE40 is hurricane rated—type R/G only.
Other shapes need site specific drawings.

Color examples on back.

APPLICATIONS

- Skylights
- Sunrooms
- Gable windows
- Arched windows
- Flat openings

SUNSTAR

OUR TRULY VERSATILE SHUTTER SYSTEM

ALUTECH UNITED, INC.

BENEFITS

- Residential security
- Hurricane protection
- Solar protection
- Thermal protection
- Options to withstand hurricane force winds
- Made from high quality aluminum parts
- 90% Greater thermal protection than fabric shades
- Allows control over sun shading
- Protects home furnishings from fading
- Saves energy and reduces heating and cooling costs
- Light and visibility even when closed
- In-house engineered components

RC42

Material	rollformed aluminum foam filled, powder coat paint finish
Slat Height	42mm
Nominal Thickness	3/8" (9.3mm)
Weight per sq. ft.	.59 lbs.
Colors*	white, beige, cream, gray, brown, black
Max. Width	118" wide (3.0 meters)
Max. Height	120" tall (3.0 meters)
Vent Option	all colors

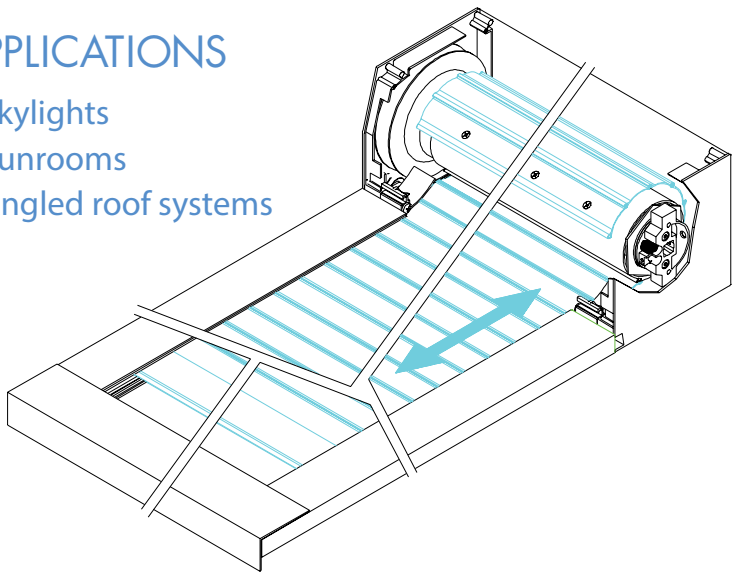
MAGNUM

Material	extruded aluminum electric static paint finish
Slat Height	57mm
Nominal Thickness	9/32" (7mm)
Weight per sq. ft.	1.30 lbs.
Colors*	white, beige, cream, gray, brown, silver, bronze
Max. Width	18" wide
Max. Height	19" tall
Vent Option	perforated light holes

Color examples on back.

APPLICATIONS

- Skylights
- Sunrooms
- Angled roof systems



GRILLES

OUR COMMERCIAL SECURITY AT ITS BEST

BENEFITS

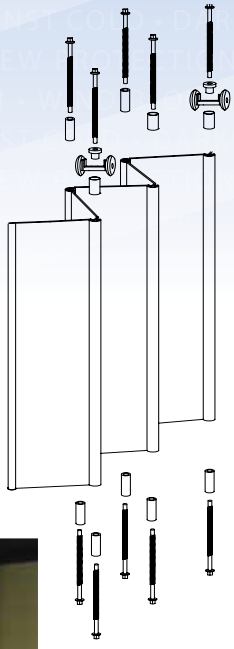
- Security
- Made of aluminum with some stainless steel and galvanized components
- Durable with extended service life
- Motorized for ease of use
- Remote controlled and automated interfaces available for security systems
- Smooth, quiet, and low maintenance operation
- Key or slide bolt locks available on end slat for maximum protection
- 5 stock frame colors with grille mill finish: white, cream, light beige, brown, gray (colors on back)
- Powder-coated framing, mill finish aluminum grille
- Architecturally pleasing compared to steel doors

ACCORDION

OUR ACCORDION SHUTTER SYSTEM

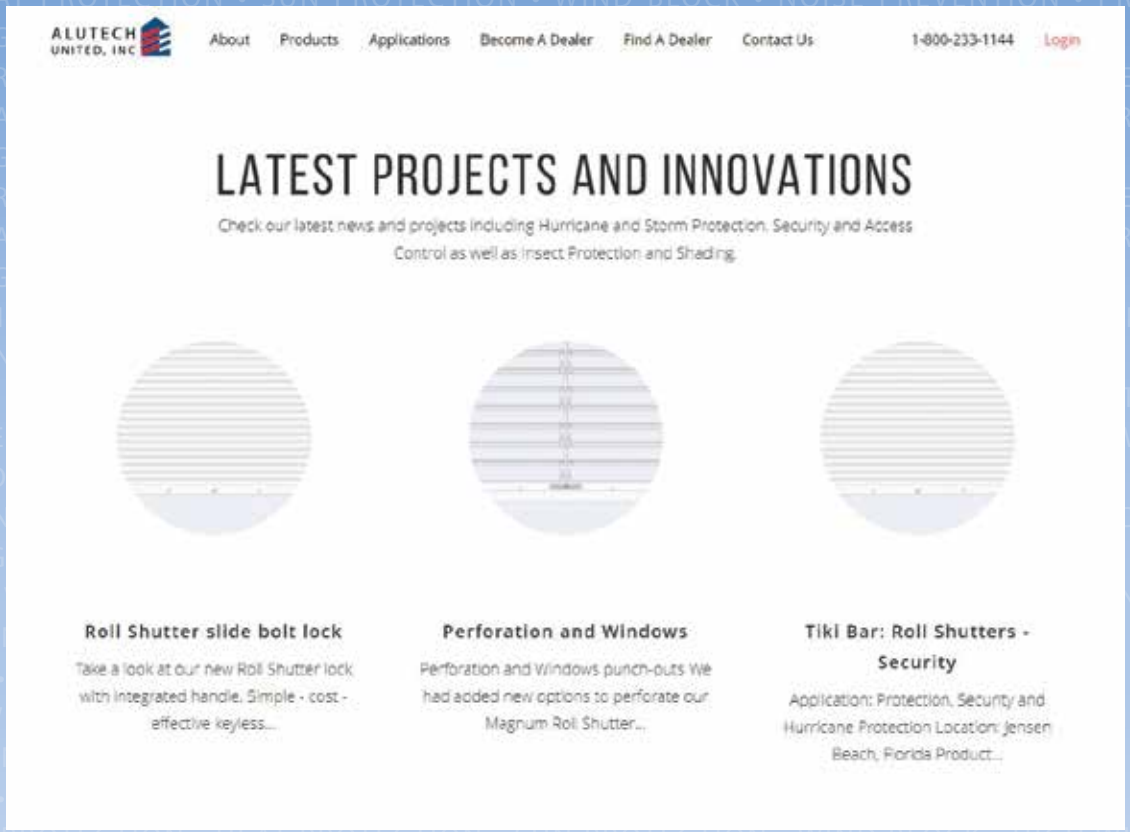
BENEFITS

- Fast installation times
- 90º corner mate available
- Small footprint for balcony enclosures rather then old radius style track
- Corrosion resistant hardware
- Built to withstand hurricane force winds
- Made of high quality extruded aluminum and stainless steel parts
- Enclose entire balcony with one shutter
- Protects patio doors from rain and wind damage
- Minimal light and visibility when closed



Color Examples:

White	Brown	Light Beige	Cream	Gray	Silver	Bronze	Custom Color
All Profiles	All Profiles	All Profiles	All Profiles	All Profiles	Single Wall Barracuda RC37 Magnum	Magnum Zip Tex	RAL Colors Upcharge



Find out more at alutech.com

ALUTECH UNITED, INC.

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