

# ALUTECH

shutter and shade solutions



**ENGINEERED PROTECTION SYSTEMS**  
For Commercial and Residential Applications

# About Us



At Alutech United, Inc., we are more than just a manufacturer of advanced protection solutions - we are your partners in safety, security, and innovation. With a legacy spanning 30 years plus, we have become a trusted name in the industry, known for delivering cutting-edge products that safeguard homes, businesses, and properties from the forces of nature and the challenges of security.

## Our History:



Founded in 1993, by Hans Schanz, Alutech United, Inc. embarked on a journey fueled by a passion for creating reliable, robust, and technologically advanced protection systems. Over the years, we have continually evolved and adapted, pushing the boundaries of engineering excellence to meet the evolving needs of our customers.

From our humble beginnings as a small workshop, we have grown into an internationally recognized company with a global footprint. Our unwavering commitment to quality, innovation, and customer satisfaction has been the cornerstone of our success, enabling us to build lasting relationships with architects, contractors, homeowners, and business owners alike.

## Our Mission:



Our mission is to provide you with more than just products - we offer peace of mind. Whether it's shielding your property from the fury of hurricanes, enhancing security against potential threats, or bringing comfort through energy-efficient solutions, Alutech stands as a symbol of protection and reliability.

## What sets us apart:

- **Innovation:** We stay at the forefront of technology, consistently developing innovative solutions that anticipate and address the challenges of the modern world.
- **Quality Craftsmanship:** Our products are crafted with precision and care, ensuring that each piece is a testament to our dedication to quality.
- **Tailored Solutions:** We understand that every need is unique. That's why we work closely with you to design solutions that perfectly match your requirements and vision.
- **Global Reach, Local Touch:** With a global presence, we bring international expertise while maintaining a personalized, local approach to customer service.
- **Community Engagement:** We believe in giving back to the communities we serve, actively participating in initiatives that promote safety, education, and sustainability.

Thank you for considering Alutech United, Inc. as your partner in protection. Join us as we continue to pave the way for a safer, more secure, and brighter future.



Delaware Manufacturing facility

Any Shape | Any Size | Any Time



# Why ALUTECH®?

- Over 500 dealers in 36 states
- Compliant with building codes, association criterias, and product safety performance standards
- Hurricane rated protection\*
- Our one-of-a-kind End Retention System



- Screens made from our uniquely woven mesh
- Privacy without compromising visibility
- Locally manufactured
- Retail or Commercial applications
- Coverage for virtually any opening
- Year round protection

## Benefits & Features of Our Products



Durably Designed



Protection from  
Dust & Debris



Energy Saving



Hurricane/Storm  
Protection\*



Insect Protection



Privacy



Rain Coverage



Security



Shading



UV Protection

\*Hurricane rated protection only available for Barracuda, Magnum, and certain Storm Tex products

# SUNSHIELD



## ***RETRACTABLE AWNINGS***

Sun Protection | Thermal Control | Home Improvement

Web site link



Manufactured  
by **ALUTECH**   
shutter and shade solutions  
alutechawnings.com



## Advanced Arm Technology

While others have exposed cables or chains, our cables are covered in a thick polypropylene coating to give your arms strength to last years.



## Crank Adjustable Pitch

Adjust the degree of the pitch on your awning to what you desire, with just a simple crank.



## Semi Cassette Hood

The Semi Cassette hood gives the awning a sleek look and protects your fabric from the elements.



## Electronic Accessories



Our world class wireless components make operating your shading system effortless. Simply push a button on your remote to open or close your awning and to operate the LED lights!

**10 Year Warranty on electronics and motor**



## Crank Over-ride Motor



With the crank over-ride motor never worry about power failures again. Simply insert the crank handle hook into the over-ride eye to operate.



## LED Lighting Arms



Every Sun Shield awning comes with LED lighting built directly into the arms. You can turn these lights on or off using the same hand held remote control.



*Customize your retractable awning to fit your decor and taste with almost endless fabric and color combinations. When not in use the awning is completely self-storing and retracts back at the touch of a button with no unsightly poles left behind.*

*Strong winds can cause damage. Protect your investment with the WireFree Wind Sensor. Automatically retracts your awning when strong winds are detected.*

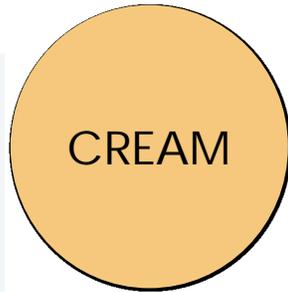
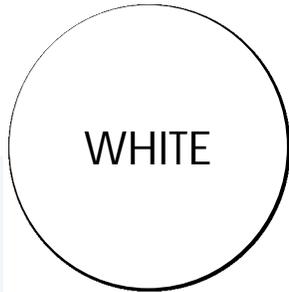


\*Wind damage can still occur if left out, even with sensor

## Frame Color Choices

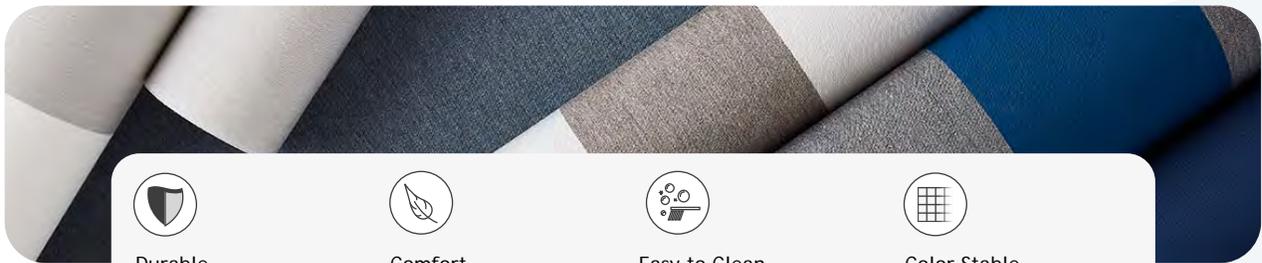
We offer 3 standard powder coated colors to choose from.  
**10 Year Frame Warranty**

# SUNSHIELD



## Fabric Choices

With over a hundred fabric choices to choose from, your options to match your patio furniture are almost endless.



### Durable

Sunbrella performance fabrics are made for living, standing up to wear with long-lasting strength.



### Comfort

Our comfortable, soft to the touch performance fabrics are designed to enjoy and take on everyday living.



### Easy to Clean

Sunbrella performance fabrics are easy to clean, stain resistant, and bleach cleanable.



### Color Stable

Sunbrella performance fabrics boast diverse, rich colors that stay brilliant with built-in UV protection.

## Tested Performance

Our awnings are tested for the every day situations that may arise, so you can have piece of mind when purchasing a Sun Shield awning.

Water Shed testing



Cycle Testing



Wind Testing



Alutech United, Inc. Shutter Solution - Any shape, Any size, Any time  
117 Dixon Street, Selbyville, DE 19975 - Phone: 302-436-6005, Fax: 302-436-5100, Toll free: 1-800-233-1144  
6620 19th Street E. #103., Sarasota, FL 34243 - Phone: 941-355-0970, Fax: 941-355-0972 - Online: [www.alutech.com](http://www.alutech.com)

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[alutechawnings.com](http://alutechawnings.com)

# Zip Tex



## ***RETRACTABLE SCREENS***

Shading | Sun and Insect Protection | Clear Enclosures

Web site link



Manufactured  
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shutter and shade solutions  
alutechscreens.com

**Any type of establishment can benefit from rolling screens, from residential, commercial, and even restaurants and bars. Screens can offer solar, wind, privacy and comfort control in an instants notice.**

*OBSTACLE DETECTION!  
Senses objects in path and prevents damage.*



## Zipper Lock Tracks

Our Zipper track retention system provides stronger wind loads than others systems on the market.

- 20ft tall max screen height
- Snap in screw cavity cover
- Can be installed trapped or surface mount with same rail

## Small Bottom Bar

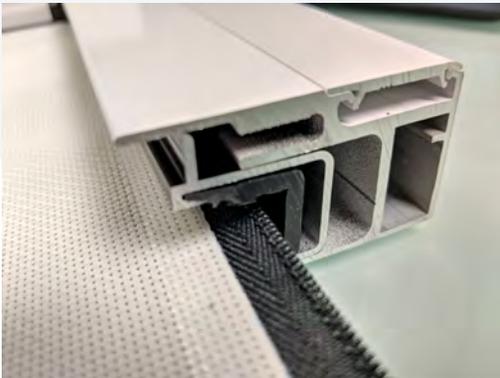
Small, 2" tall bottom hem-bar minimizing the impact into your openings view.

- Bottom Brush for a bottom seal against insects
- Stainless steel internal weight bar - *NOT galvanized*

## Heavy Duty Housing

Extruded aluminum housings with powder coat finish are standard for our Zip Tex system. Including an industry leading material thickness, giving a housing to last years.

- 23 ft wide max screen width
- 4.5" Housing size | 6.0" Housing size, if over 19ft wide
- Housing entry brush standard - seals housing from critters





Sun  
Protection



RETRACTABLE SCREENS

# Zip Tex

## Screen benefits

- Turns any outside area into a usable room: garages, patios, balconies, porches, gazebos, car ports or entry ways
- Provides shading from the sun's harmful UV rays and reduces television screen and computer monitor glare
- Reduces air conditioning expenses by as much as 60%
- Protects home furnishings from fading
- Enhances privacy but does not obstruct views
- Keeps out pesky insects and other unwanted pests



Insect  
Protection



Roll-Away  
Clear Enclosures

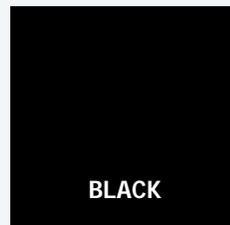


## Frame Color Choices

We offer 4 standard powder coated colors to choose from.

*Surcharges apply to custom color*

**5 Year Frame Warranty**



*\*Due to inconsistencies of display monitors, the characteristics and colors of the fabrics and paint chips seen on your screen may be slightly different than the actual product.*

## Fabric Choices

With dozens of fabric choices, and different openness to choose from, we can always meet your needs. Choose from "no see um" insect screening, 95% & 97% solar blockage.

**10 Year Fabric Warranty | 3 Year on Clear Vinyl**



## Operators & Electronics

You have several different methods to control your Zip Tex. From motorization controlled via automation control, to manual cranks.

**5 Year Motor & Electronics Warranty**

REMOTE



CRANK



WIND SENSOR



AUTOMATION



# Storm Tex



## ***HURRICANE & SUN SCREENS***

Hurricane Protection | Shading | Sun and Insect Protection | Clear Enclosures

Web site link



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alutechscreens.com

**Storm Tex** rolling hurricane screens are the best option for residential, commercial, and even store fronts for storm protection.

**Storm Tex** not only offers storm protection, it can offer solar, wind, privacy, insect and comfort control in an instants notice.

**OBSTACLE DETECTION!**  
Senses objects in path  
and prevents damage.



## Bullet Zipper Lock Tracks

Our Bullet Zipper track retention system provides stronger wind loads than others systems on the market.

- 20 ft tall max screen height
- Snap in screw cavity cover

## Self Level Bottom Bar

Small, 3" tall bottom hem-bar

- Self levels when floors slope to one side
- Bottom Brush for a bottom seal against insects
- Stainless steel weight bar - *NOT galvanized*

## Small Housing

Extruded aluminum housings with powder coat finish are standard for our Zip Tex system. Including an industry leading material thickness, giving a housing to last years.

- 24 ft wide max screen width
- 7.0" Housing cassette
- Not spliced to get 24ft





Hurricane Protection



# Storm Tex

## Stand out features for Storm Tex

- When using Omega tex fabric
  - Affordable retractable hurricane protection
  - Advanced fabric protection : 50% Aramid fibers, same fabric in ballistic vest
  - Florida and Texas building codes approved
  - Converts balconies | lanais into hurricane safe rooms
  - Store furniture in your safe room during a storm
- Ideal for large openings
- Great weather control with Vinyl option
- Superb wind strength with Solar and Insect fabric choices
- See through, no more dark rooms



Sun Protection



\*Fabrics may show excessive wrinkles and bagginess due to products wind load design.



Roll-Away Clear Enclosures



\*Clear vinyl enclosures are not hurricane | storm rated



## Frame Color Choices

We offer 7 standard powder coated colors to choose from.

*Surcharges apply to custom color*

**5 Year Frame Warranty**

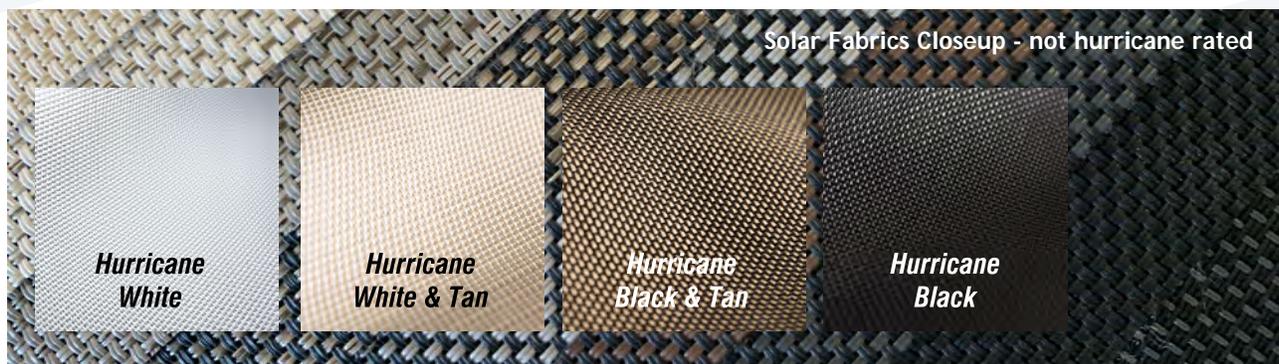


*\*Due to inconsistencies of display monitors, the characteristics and colors of the fabrics and paint chips seen on your screen may be slightly different than the actual product.*

## Hurricane Fabric Choices

With dozens of fabric choices, and different openness to choose from, we can always meet your needs. Choose from 95% & 97% solar blockage, Insect screening and Hurricane Fabric.

**10 Year Fabric Warranty | 3 Year on Clear Vinyl**



## Operators & Electronics

You have several different methods to control your Storm Tex screens. From motorization controlled via automation control, to manual cranks

**5 Year Motor & Electronics Warranty**



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# ALU STAR

## THE EVERYDAY ROLLING SHUTTER SYSTEM



### 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
- Solar Protection
- Thermal Protection
- Manual Options
- Motorized
- Remote Controlled
- Light Vent Options
- Energy Savings
- Home Automation
- Solar Powered





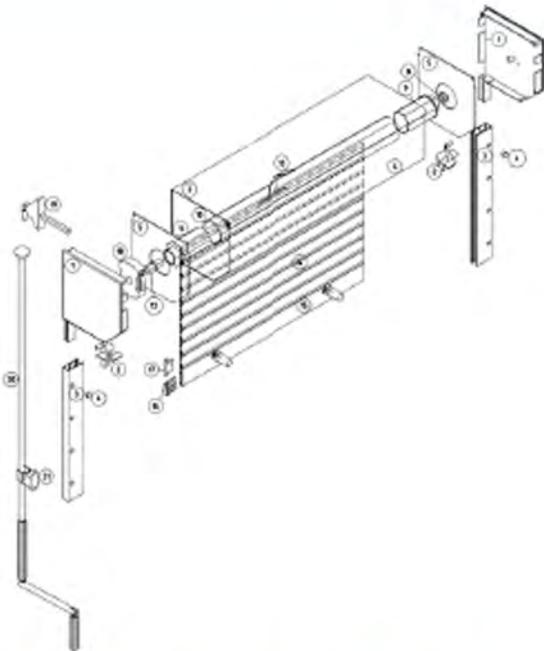
# RC37 slat



# RC42 slat



Material	Rollformed Aluminum Foam Filled Powder Coat Paint Finish	Rollformed Aluminum Foam Filled Powder Coat Paint Finish
Slat Height	37mm	42mm
Nominal Thickness	17/64"(7mm)	7/16"(8.7mm)
Weight (per sq ft.)	.56 lbs	.59 lbs
Colors		
Max Width	102" wide	118" wide
Max Height	102" tall	120" tall
Vent Option	White only	All Colors



# ALU STAR

## THE EVERYDAY ROLLING SHUTTER SYSTEM

Alutech's **HDX** Accordion Hurricane Shutters are designed to cover windows, sliding glass doors or enclose total balconies and lanais. The **HDX** Accordion Shutters have been tested to meet or exceed the most stringent requirements for Hurricane Shutters in the industry, such as:

- International Building Code (IBC)
- Florida Building Code (FBC) HVHZ
- Miami-Dade County

The **HDX** Accordion Hurricane Shutters are permanently installed for year round protection. They fold back compactly similar to a louvered door and are one or two piece shutters. They are installed around the window and door frames, balconies, lanais and large patio openings.



DIRECT MOUNT END STARTERS



## Features:

- Improved stacking providing better less stack back space
- Heavy duty lock centermates. No locking pins needed.
- KEY or THUMB locking cylinders
- Lower system cost
- Faster assembly and installation times
- Direct mount track end starters
- Improved corrosion resistant hardware.
- All tracks are heavy duty available in ceiling, 1" and 2" headers and walkover and adjustable tracks for doorways.
- NO LIGHT DUTY HERE! Over 26% heavier gauge material than most of the competition.

## Benefits:

- Built to withstand hurricane force winds that exceed 140 psf equivalent to 227 mph.
- Made from high quality extruded aluminum and stainless steel parts.
- Encloses entire balconies or lanais with one shutter.
- Protect patio doors from rain and wind damage.
- Steel installations available on our approval prints. No site specific engineering required. (1/8" min. thickness applies).
- Up to 36% considerably higher design pressures than our competition.



Alutech's **HDX** Accordion Shutter features Hurricane Protection for residential and commercial applications.

The **HDX** Accordion Shutters are convenient, and easily open and close. They can be locked from the inside or outside for increased security and protection.

**HDX** accordions are made of thick extruded aluminum, then coated with a thick powder finish. Giving the **HDX** the life span you want from a hurricane shutter.

Accordion Shutters are considered one of the strongest shutters available. So don't settle for thin comparisons.

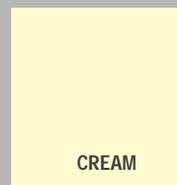
HEAVY DUTY COMMERCIAL LOCKS STANDARD



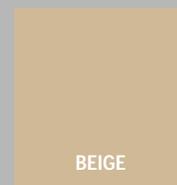
## Powder coat color options:



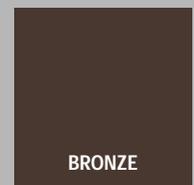
WHITE



CREAM



BEIGE



BRONZE



## ***HURRICANE & STORM SHUTTER***

Hurricane / Storm Protection | Security Prevention

Web site link



Manufactured by **ALUTECH**  
shutter and shade solutions  
alutechscreens.com

Our **BARRACUDA** shutters provide you with code compliant hurricane protection with smaller housings. Similar to our Magnum roller shutters, the end retention system built into our Barracuda shutters eliminates the need for storm bars. The Barracuda EXCEEDS even the toughest standards required by both international and domestic building codes.



## Slat Retention Lock Tracks

Our one-of-a-kind "end retention system" coupled with our **Double Walled Slat**, eliminates the need for intermediate vertical storm bars.

This patented technology allows for SMOOTHER, QUIETER shutter operation.

- 20 ft tall max shutter height
- Snap in screw cavity cover



VENTED SLATS



## Slat vent options

2 options for slat

- **Solid**
  - No light vent slits between blades, open or closed
- **Vented**
  - Light slits between slats, allowing in light and air when shutter is left in the partial open stage.

## Small Housing

Aluminum housings with powder coat finish are standard for our Barracuda's system. Including an industry leading material thickness, giving you a housing to last years.

- 19.5 ft wide max shutter width\* hurricane rated max 16ft
- 5.5" - 12" Housing cassette sizes, depending on height





Hurricane Protection



Weather Protection



Security Prevention



### Stand out features for BARRACUDA

- Double wall slat = STRENGTH
- Vented slat option
- 5 Year Warranty
- Attractive installed look
- Push button safety
- Efficient roll diameter
- Patented roll shutter system
- IBC / Florida building code approved
  - Approved on concrete and wood
- Converts balconies into hurricane safe rooms
- Store furniture in your safe room during a storm
- Ideal for large openings
- Slim line and commercial lock options



## Frame Color Choices

We offer 4 standard powder coated colors to choose from.

*Surcharges apply to custom color*

**5 Year Frame Warranty**



*\*Due to inconsistencies of display monitors, the characteristics and colors of the fabrics and paint chips seen on your screen may be slightly different than the actual product.*

## Locking Choices

With several different locking options, you can get the level of security you need.

**5 Year Parts Warranty**



**Bottom slat lock**  
*Intermediate slat lock*



**HD commercial lock**  
*thumb or key - 7pin*



**Finger slide bolt**



**Bottom locking hasp**

## Operators & Electronics

You have several different methods to control your Barracuda shutter. From motorization controlled via automation control, to manual cranks.

**5 Year Motor & Electronics Warranty**

REMOTE



CRANK



PUSH SWITCH



AUTOMATION



Alutech United, Inc. Shutter Solution - Any shape, Any size, Any time  
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The logo features the word "MAGNUM" in a bold, blue, sans-serif font. The letter "A" is partially enclosed by a red circular graphic that resembles a soccer ball with white pentagonal panels and small white stars. Below "MAGNUM" is the text "Rolling Shutter" in a smaller, red, sans-serif font.

# MAGNUM

Rolling Shutter



## ***HURRICANE & SECURITY SHUTTER***

Hurricane / Storm Protection | Security Prevention

Web site link



Manufactured by **ALUTECH**  
shutter and shade solutions  
alutechscreens.com

The **MAGNUM** slat profile is the latest in security and storm shutter profiles. Due to its small housing sizes and high ratings, the slat has gained much popularity for security and storm prone areas.



## Slat Retention Lock Tracks

Our one-of-a-kind "end retention system" eliminates the need for storm bars. This patented technology allows for SMOOTHER, QUIETER shutter operation.

- 20 ft tall max shutter height
- Snap in screw cavity cover



## Slat view options

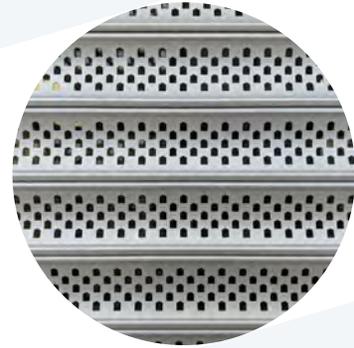
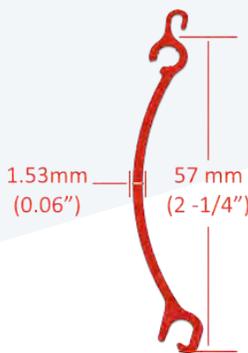
3 view through options

- **Solid**
  - "Default" no windows
- **Window**
  - Large 4" wide window
- **Perforation**
  - House pattern perforation

SINGLE WALL

WINDOW

PERFORATION



## Small Housing

Aluminum housings with powder coat finish are standard for our Magnum system. Including an industry leading material thickness, giving you a housing to last years.

- 24 ft wide max shutter width
- 5.5" - 12" Housing cassette sizes, depending on height



Hurricane  
Protection



Weather  
Protection



### *Stand out features for MAGNUM*

- Efficient roll diameter
- Patented roll shutter system
- Florida building codes approved
  - Approved on concrete and wood
- Converts balconies into hurricane safe rooms
- Store furniture in your safe room during a storm
- See through option no more dark rooms
- Ideal for large openings
- Slim line and commercial lock options



Security  
Prevention



## Frame Color Choices

We offer 7 standard powder coated colors to choose from.

*Surcharges apply to custom color*

**5 Year Frame Warranty**



*\*Due to inconsistencies of display monitors, the characteristics and colors of the fabrics and paint chips seen on your screen may be slightly different than the actual product.*

## Locking Choices

With several different locking options, you can get the level of security you need.

**5 Year Parts Warranty**



**Bottom slot lock**  
*Intermediate slot lock*



**HD commercial lock**  
*thumb or key - 7pin*



**Finger slide bolt**



**Bottom locking hasp**

## Operators & Electronics

You have several different methods to control your Magnum Roll Shutters. From motorization controlled via automation control, to manual cranks

**5 Year Motor & Electronics Warranty**

REMOTE



PUSH | PULL



CRANK



PUSH SWITCH



AUTOMATION



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# Product Comparison Chart

						
<b>Applications</b>	 Hurricane  Privacy  Security	 Hurricane  Privacy  Security	 Hurricane  Shading	 Hurricane  Security	 Insect  Shading  Privacy  Energy Saving	 Shading
<b>Color Options</b> <small>*Due to inconsistencies of display monitors, the characteristics and colors of the fabrics and paint chips seen on your screen may be slightly different than the actual product.</small>	 White  Cream  Beige  Bronze  Gray  Silver  Black 	 White  Cream  Beige  Gray 	 White  Cream  Beige  Gray  Bronze  Silver 	 White  Beige  Bronze 	 White  Beige  Bronze  Black 	 White  Cream  Bronze 
<b>Operator Options</b>	 Remote  Push   Pull  Crank  Push Switch  Automation	 Remote  Crank  Push Switch  Automation	 Remote  Crank  Push Switch  Automation	 Push   Pull	 Remote  Crank  Wind Sensor  Automation	 Remote  Crank  Wind Sensor
<b>Locking Options</b>	Bottom slat lock HD Commercial lock Finger slide bolt Bottom locking hasp	Bottom slat lock HD Commercial lock Finger slide bolt Bottom locking hasp	---	HD Commercial lock	---	---
<b>Recommended Sizes</b>	Max Width: 24' Max Height: 20'	Max Width: 15' Max Height: 20'	Max Width: 24' Max Height: 20'	Max Width: 36' Max Height: 19'	Max Width: 23' Max Height: 20'	Max Projection: 16'6"
<b>Curtain Materials</b>	Extruded Aluminum (Single Wall)	Extruded Aluminum (Double Wall)	Hurricane Screen Insect Screen Solar/Shading Screen	Extruded Aluminum (Single Wall)	Insect Screen Solar/Shading Screen Clear Vinyl Solid Border	Sunbrella Fabrics
<b>Building Code Compliance</b>	FBC, TDI, HVHZ, Dade	FBC, TDI, HVHZ, Dade	FBC, TDI, HVHZ, Dade	FBC, TDI, HVHZ, Dade	---	---
<b>Ease of Deployment</b>	Easy	Easy	Easy	Cumbersome	Easy	Easy
<b>Storage</b>	Upper House Self contained	Upper House Self contained	Upper House Self contained	Stack to the side of the window	Upper House Self contained	Upper House Self contained
<b>Price</b>	\$\$	\$\$\$	\$\$	\$	\$\$	\$\$\$

# ALUTECH

shutter and shade solutions

Selbyville  
Delaware



Sarasota  
Florida



@AlutechUnited



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