WORLDCLASS MOTORIZED SCREEN SOLUTIONS TO ENHANCE YOUR OUTDOOR LIVING AREA

MAGNATRACK
US PATENT 9719292

FRASERSHADING™

LICENSED FABRICATOR OF MAGNATRACK

VERSION: 202902

THE VISION

Fraser Shading Systems is committed to being recognized as an industry leader in providing quality motorized retractable screening solutions and innovative designs that set us apart from our competition. Our primary mission is to provide our customers with world class motorized screens each of which are "customized to fit your needs". Fraser Shading provides top quality workmanship and materials in every MagnaTrack system we produce backed by a Limited Lifetime Warranty.

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COMMERCIAL

OUTBACK STEAKHOUSE - ANNAPOLIS, MARYLAND

COMMERCIAL ESTABLISHMENTS

Our commercial system can be used for multiple applications such as outdoor dining areas, hotels, resorts, casinos and special event areas.

Designed to meet rigorous conditions and perform when needed to protect your guests during inclement weather conditions.

Guaranteed to withstand winds up to 75 MPH in the deployed position.

We specialize in wide spans and can produce our system up to 30' wide and 24' tall. (LIMITATIONS APPLY)

Save money by covering multiple openings vs. individual screens.

Complete end retention system - no blow out. Completely seal your outdoor area to protect from bugs, birds, rodents, wind, rain and to control glare.

MagnaTrack is currently in service with several restaurant chains and hotels throughout North America.

FRENCHMAN'S CREEK - PALM BEACH GARDENS, FLORIDA

RESIDENTIAL APPLICATIONS

Turn your garage into a work or play area.

Archway? Use on the exterior of your home to keep the heat and UV rays out.

Keep out the glare over windows with blackout material.

Store your RV or personal vehicle in your carport and maintain its cleanliness.

Entertain on your patio or porch without those pesky insects.

Motorize your pool cage to create a useable room outdoors.

Enclose your entire home with motorized screens for your own unique look.

New construction or remodel.

Hide the units into cavities in the wall when constructing decorative arches.

During new construction the system can be concealed out of view using our recessed application.

Can be used in conjunction with motorized hurricane shutters or screens for a dual system.

ENHANCE & PROTECT YOUR OUTDOOR LIVING SPACES

PROUDLY CRAFTED IN NORTH AMERICA

Fraser Shading Systems (FSS) has been a leading manufacturer/fabricator of interior and exterior shading systems, since 2007.

The company's mission is centred as a valued partner in sustainable design and light harvesting. Our headquarters and manufacturing facilities are located in Surrey, British Columbia.

Fraser Shading Systems is introducing the MagnaTrack System (US Patent No. 9,719,292).

The MagnaTrack System is innovative in design and works on a dual pull magnetic system. Its side track design mitigates the majority of service issues associated with other motorized screens and will outperform any other system available. The magnetic side tracks combined with a proprietary interlock provides smooth, consistent deployment of the screen and constant tension on the screen after deployment, keeping the screen taut and secure.

The MagnaTrack Commercial System is designed to be used on outdoor seating areas of restaurants, hotels, casinos, resorts, special event areas, and wedding venues. This system is designed to withstand inclement conditions and deploy on demand to protect our clients and enhance their experience. Our commercial system is available with vinyl window or screen only. The system is totally customizable to fit your needs, design and requirements.

Every product we produce is hand made and attention to detail is paramount. The product goes through several quality control inspections to insure every system is built to your specifications and meets our stringent guidelines as a world class motorized screen system. At Fraser Shading, every client is important to us and our friendly customer service representatives will be glad to assist you with any questions you might have.

INNOVATIVE TECHNOLOGY

FRASER SHADING SYSTEMS IS PROUD TO INTRODUCE THE PATENTED MAGNATRACK SYSTEM

The MagnaTrack system can be used in new construction as a recessed system, retro-fit into existing residential locations and in commercial applications such as restaurants, hotels and hospitality venues.

The MagnaTrack enhances the performance of our motorized screen system for both commercial and residential applications. Along with the Keder interlock, it makes the system fail proof. The MagnaTrack difference is the ability of the tracks to adjust during deployment of the screen system.

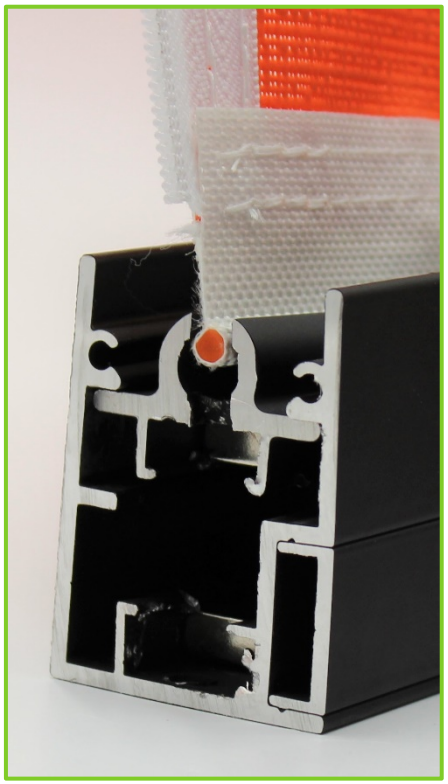
The MagnaTrack self-tensioning system and design utilizes a dual magnetic pull from Neodymium magnets interlocked into the track housing as well as the adjustable track insert.

The ability of the MagnaTrack system to self-tension overcomes the ineffectiveness of current fixed track and zipper systems. The screen is allowed to expand while under wind pressure as the magnets extend away from each other and after the wind subsides, the force of magnetic attraction will retract the magnets and the screen will re-tension to an aesthetically tight looking screen. The magnets also allow for expansion and contraction of the screen during deployment adjusting accordingly thus avoiding the hang ups and jamming associated with fixed track systems.

The MagnaTrack gives us a competitive edge in the industry as it mitigates the majority of service issues inherent to all fixed track/zipper systems currently available.

THE MAGNATRACK SYSTEM IN ACTION

RETRACTED



EXTENDED

THE MAGNATRACK SYSTEM IS
REVOLUTIONARY, INNOVATIVE & PATENTED

AVAILABLE IN CANADA EXCLUSIVELY THROUGH FRASER SHADING SYSTEMS

FRASERSHADING™

Picture above shows a 30 foot wide by 24 foot single motorized system

CUSTOMIZABLE TO YOUR OUTDOOR SPACE & LIFESTYLE

MADE TO YOUR SPECIFICATIONS

MagnaTrack motorized retractable screens are built and customized for each project to enhance your outdoor living area and maintain the aesthetic appeal. They can be recessed from view by integrating with the building structure or surface-mounted onto existing structures.

CUSTOM SIZES

Our MagnaTrack motorized screens are custom made for you and your home – which means they will enhance your outdoor living spaces and provide the protection you need. We can accommodate openings in the following ranges:

Widths from 3’ to 30’
Heights from 3’ to 24’

SEAM HEIGHT

Please refer to seam height chart to determine the right fabric selection based on the width and height of your opening. If the opening is wider or taller than the height it's woven to, then it would require us to seam/sew two sections of the material together to create the perfect size screen for your application. Fraser Shading Systems staff will be happy to assist you during this process.

Protect Your Home from UV Rays

All of our MagnaScreen fabrics provide protection from UV rays to various extents. Our privacy and solar meshes can all block 80% to 97% of UV rays. Insect and solar meshes can also provide as much as 50% UV protection.

EXTEND YOUR OUTDOOR LIVING AREA

Clear vinyl windows integrated into the screen panel create the perfect extension to your living space and will allow you to entertain your guests throughout the year.

In the colder months, they reduce heat loss and keep the cold out, while in the warm months they will contain air-conditioning to keep the space cool.

Our commercial system with vinyl windows can be used as an individual system or ordered as a dual system that allows you to select between the clear vinyl during cold or inclement conditions and operate one of our other mesh options (insect or solar) during better weather conditions.

MAXIMUM AIRFLOW & PROTECTION FROM INSECTS

To protect against bugs and have maximum airflow through your home our 16/14 or 17/20 mesh would work best.

The higher the openness factor, the easier it is for air and light to pass through while still providing Protection from Insects.

Our 17/20 mesh is best for keeping out smaller insect species.

PRIVACY & SHADING

Privacy mesh and fabrics block 80 to 100% of UV rays and are available in multiple screen colors and openness factors depending on your airflow requirements.

White and light colored fabrics are reflective of light and provide complete privacy during the day but at night they have a reverse effect.

Black and dark colors are absorbent of light and provide the best visibility day and night. To get total privacy day and night a 100% blackout material would be required (no visibility).

EASY OPERATION

REMOTE CONTROLS

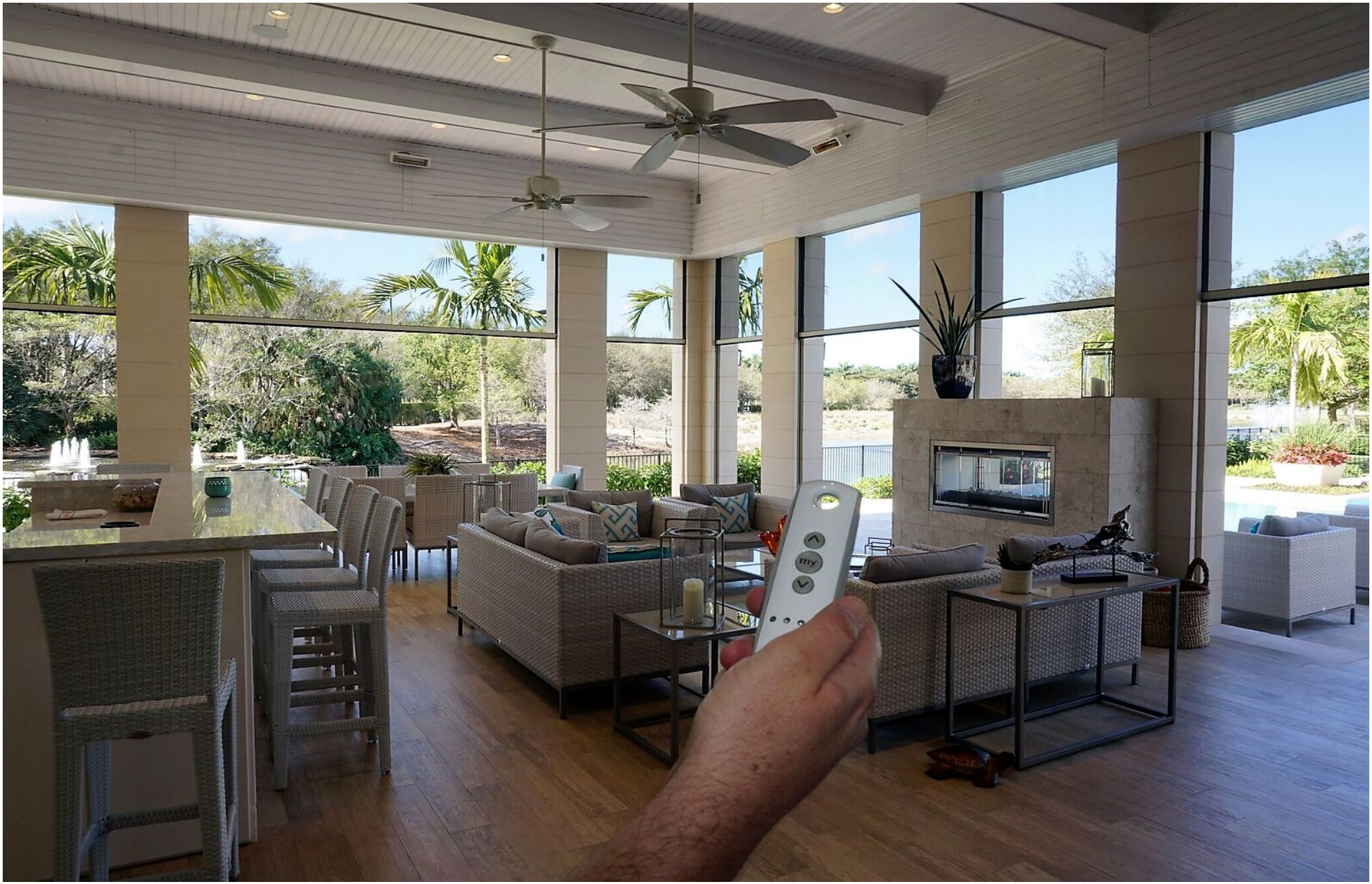
Several types of motors and remotes are available for the system. Hand held remotes are available in single channel, 5 channel, and 16 channel, and 90 channel options. In-wall remotes are available in single channel and 5 channel options.

GAPOSA MOTOR

Our new Gaposa motor with the built-in “Triple Obstacle Detection” feature eliminates the worry of common rewrap situations and together with the MagnaTrack side track system creates a fail proof motorized screen system. There is no zipper system that can perform like the MagnaTrack system.

Multiple control systems for the motors are available including apps that allow you to use your phone or tablet to control the screens.

Please contact Fraser Shading for information regarding additional options and remotes.



EASY TO OPERATE AT THE PUSH OF A BUTTON

Why Choose MagnaTrack?

QUALITY

Every shipment is inspected at each step of production. Final QC inspections for each order ensure that only the finest quality products make their way to our customers.

VALUE

Every component of your MagnaTrack motorized screen system is designed to enhance the system's performance and is built to withstand the most rigorous conditions, thus providing a top-quality product at excellent value.

KEY FEATURES AND BENEFITS

- Extruded aluminum housing, tracks, and weight bar for durability.
- Stainless steel fasteners means no rust.
- Solar screens reduce UV rays and keep cooling and heating costs to a minimum.
- Super heavy weight bar for smooth operation and no hang ups when coming down.
- Felt pile under weight bar seals better against grout lines, pavers, and uneven surfaces.
- Vinyl coated screen materials can be easily cleaned and are more resistant to breakage.
- Double stitched zippers at the top of the screen and Keder track connecting the hembar for strength, durability, and complete insect control.
- Double felt system on inside of hood cover and back of hood brushes off dirt and debris, and keeps out unwanted insects and pests.
- Powder coated aluminum ensures no chipping, peeling, or bubbling of the paint.
- Proprietary interlock and our New MagnaTrack systems (US Patent No. 9,719,292) provide incomparable performance, and reduces almost all potential service issues inherent to other motorized screen systems.
- Units plug directly into a 110 volt outlet, meaning no hard wiring or electricians required.
- Stylish and modern accessories to accommodate every type of install.
- Manufactured up to 30 feet wide and 24 feet tall (Certain restrictions apply).
- Interfaces (dry contact and RTS) allow motorization via home automation systems with the touch of a button.
- Somfy My Link or Gaposa Roll Up App are available for those who want the freedom to control MagnaTrack screens from their mobile device.

COMMERCIAL

HILTON WIAKOLOA VILLAGE - KONA, HAWAII

RESIDENTIAL & COMMERCIAL VINYL SYSTEM

EXPAND YOUR OUTDOOR SPACE INTO A MULTI-SEASON LIVING AREA

THIS SYSTEM ALLOWS YOU TO CONTROL THE TEMPERATURE IN YOUR OUTDOOR SPACE

In cooler climates, the system is designed to keep the warmth in and weather out.

In hotter climates it's perfect for keeping the cold air in and converting your outdoor space into a 365/24/7 area.

Transform outdoor spaces into multi-season venues to increase seating capacity.

Protects your patio area from rain, wind and debris.

Pressed polished vinyl panels ensure clear visibility and dimensionally stable. The pressed panels are available up to a max width of 108" and a maximum height of 54".

Energy Efficient: Our vinyl system offers year-round benefits. It slows the dissipation of conditioned air, and contains heat generated by heating systems

Our Commercial system, with Vinyl windows is the only "Wide Span" Full "End Retention" system available up to 26' wide and 16' tall.

Easy to operate by remote control or integrated automation that allows control of the system from your tablet or smart phone using the My Link, RTS Interface, or Roll Up App.

Our MagnaTrack patented side track system and proprietary interlock allow easy deployment without hanging up like most competitive zipper products.

VINYL WINDOW BORDERS

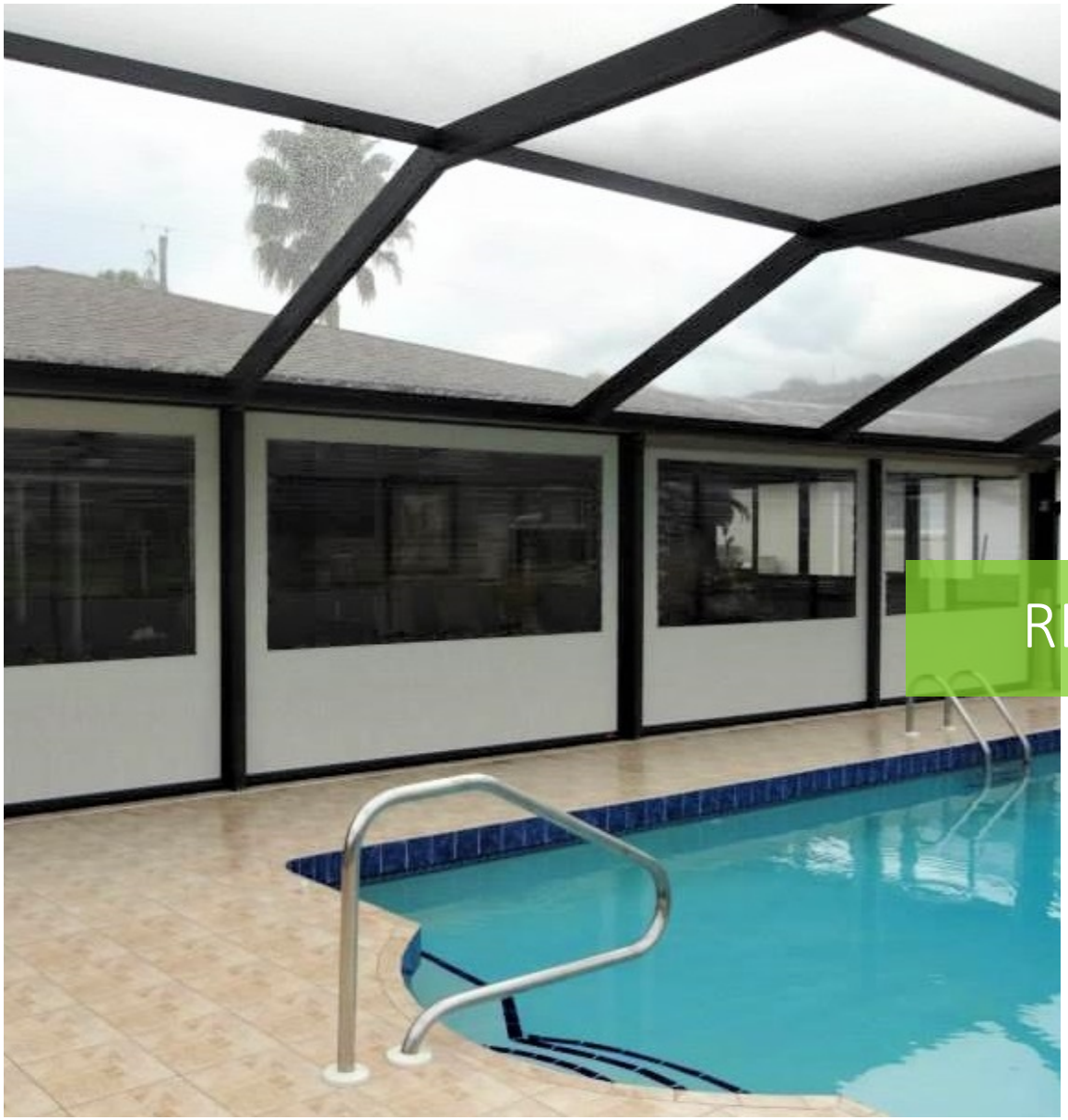
The vinyl windows can be bordered by a range of different fabrics to match your décor.

ENHANCE & PROTECT

Enhance and protect the outdoor space by extending the usage of the area in all seasons.

PROVEN SYSTEM

It is proven that our vinyl system offers year-round benefits. It contains heat generated by heating systems and helps to retain cool air in air-conditioned environments.



RESIDENTIAL VINYL

Fraser Shading is pleased to introduce the MagnaTrack vinyl system. This system allows you to control the temperature in your outdoor living space

Perfect for converting your outdoor space into a living space for all four seasons

Multiple fabric options are available for the border around the vinyl windows, and customizable design and window placement, will let you design the perfect combination that will enhance your home and patio area.

DEL FRISCO'S - ORLANDO, FLORIDA

BONE FISH GRILL - ORLANDO, FLORIDA

RESTAURANTS

Enhance your outdoor dining area and protect your guests.

Upgrade your outdoor seating into a year round profitable area for a quick return on your investment.

Protects your dining area from sun, wind, rain, bugs and debris and provide glare control for your patrons.

Enhance the functionality of the outdoor space by extending the usage of the area in all seasons.

Easily controlled at the push of a button, with out disrupting guests while dining.

Screens can be deployed with out disrupting or relocating your guests.

Multi-Functional - Use the screen for Advertisement or TV screen using a projector.

ADMIRAL'S COVE MARINA - JUPITER, FLORIDA

FRENCHMAN'S CREEK - PALM BEACH GARDENS, FLORIDA

COUNTRY CLUBS

Aesthetically appealing self contained housing protects the screens when not in use and extends the life span of the materials.

Designed to accommodate extremely wide and tall openings. Available in widths from 3’ to 30’ and in heights from 3’ to 24’ (limitations apply).

Our proprietary interlock along with commercial grade extruded aluminum side tracks create a full end retention system that will withstand winds up to 75 MPH

Customizable to fit your needs.

Multiple fabrics and finishes are available to enhance the appearance and protect your members.

Available with clear or tinted vinyl windows or shade material only.

Enhance your members' experience.

TIMBERS RESORT - KAUAI, HAWAII

HILTON AND WALDORF ASTORIA - BONNET CREEK, FLORIDA

HOTELS & RESORTS

Proven System: Over the last several years MagnaTrack has been installed at several National Restaurant chains and hotels across the country.

Our system is the only “Wide Span” Full “End Retention” system available up to 30’ wide (limitations apply)

Easy to operate by remote control or integrated automation that allows control of the system from your tablet or smart phone using the My Link or RTS Interface

Applications include restaurants, wedding event areas, or convention halls

MOUNTAINEER CASINO RACETRACK & RESORT
NEW CUMBERLAND, WEST VIRGINIA

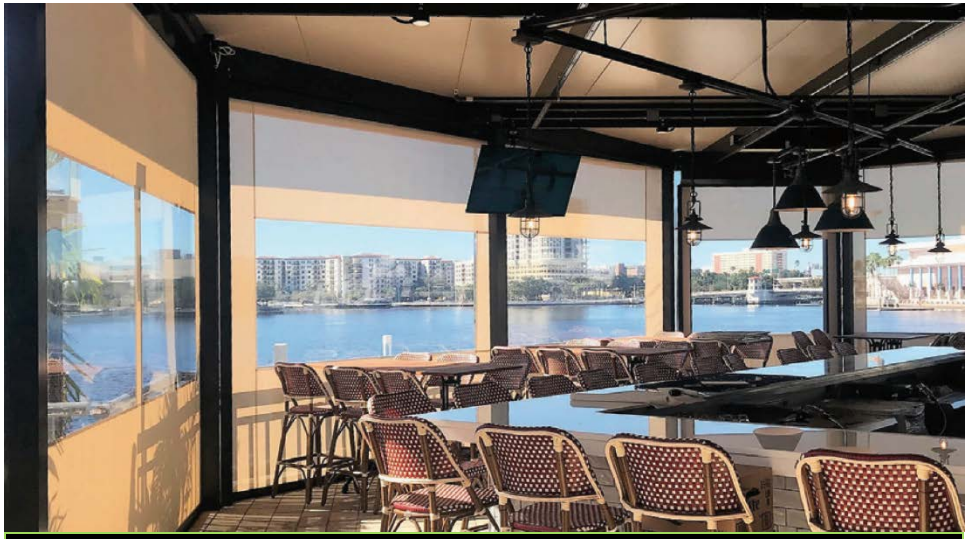
CASINOS

Enclose outdoor smoking areas and protect your guests.

Enhance the functionality of the outdoor space by extending the usage of the area in all seasons.

In cooler climates, the system is designed to keep the warmth in and weather out.

In hotter climates it perfect for keeping the cold air in.



AMERICAN SOCIAL - TAMPA, FLORIDA

BAHAMA BREEZE - LUTZ, FLORIDA

WHALE HARBOR - FLORIDA KEYS

WHALE HARBOR - FLORIDA KEYS

OPTIONS

SCREEN OPTIONS

INSECT SCREEN	- bug protection only - minimal shading (50% or less)
MAGNASCREEN 80	- 80% UV protection - 20% airflow
MAGNASCREEN 90	- 90% UV protection - 10% airflow
MAGNASCREEN 95	- 95% UV protection - 5% airflow

MAGNATRACK
US PATENT 9719292

To see all fabric options, contact an authorized dealer in your area

STANDARD COLOURS

Choose from the standard colors shown below or use our Special Order program to custom match an existing frame or color of your home using the RAL Color chart.

You choose the number, and we custom color each piece of extrusion to your liking.

Please note, special orders can extend delivery dates and there will be an additional charge.

WHITE

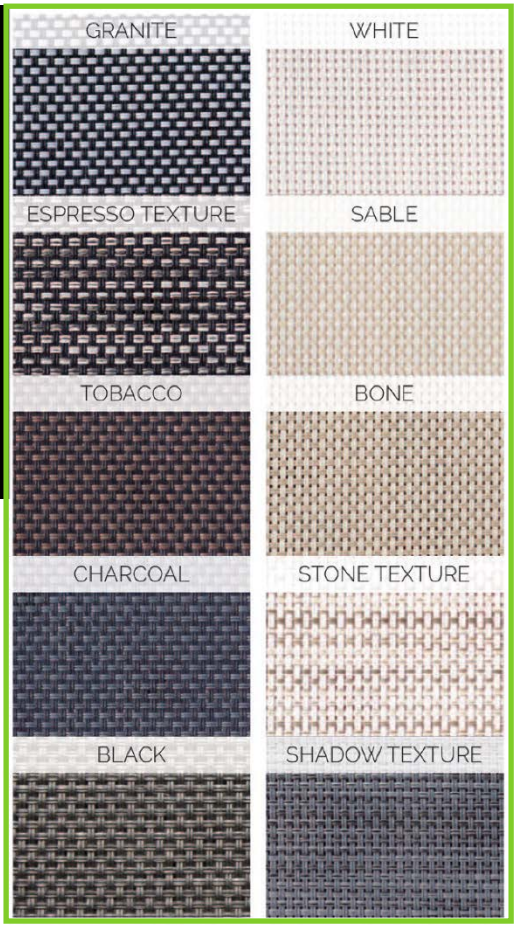
BLACK

MagnaScreen 80

MagnaScreen 90

MagnaScreen 95

MagnaScreen View 95



FABRIC OPTIONS

For additional information regarding
other fabric options please contact Fraser Shading or
an authorized dealer in your area

STRATAGLASS CARE & MAINTENANCE

RECOMMENDED PRODUCTS FOR CLEANING

IMAR Products

IMAR Strataglass Protective Polish

IMAR Strataglass Protective Cleaner and mild soap

(preferably IMAR Yacht Soap Concentrate)

Use of harsh cleaners like Simple Green,Glass cleaners with Ammonia and Orpine will dull the fabrics quickly.

Using any other product(s) will void the factory warranty.

303 Clear Vinyl Protective Cleaner is also approved for cleaning of vinyl panels. 303 Clear Vinyl protectant offers superior protection against the harmful effects of UV rays. This product is all you need to safely clean and protect against yellowing and cracking of clear vinyl leaving a non-streaking finish.

- NEVER use a wash-and-wax product on Vinyl panels.
- WARNING - Use of Rain-X, Pledge or Plexus on your vinyl panels will appear to work for a short time but then dulls the surface and presents an "Orange Peel" effect. Do not use any of these products.
- Use of cleaners, polishes, scratch removers or any other product made for regular uncoated vinyl will damage your vinyl panels. Do not use these products.
- DO NOT HANDLE VINYL WITH SUNSCREEN ON YOUR HANDS This will permanently cloud the vinyl where handled.

GENERAL MAINTENANCE

FOR THE CUSTOMER: We recommend using IMAR Strataglass protective Polish or 303 Clear Vinyl Protectant or cleaner every 1 to 2 months.

NOTE: All new vinyl can easily get impressions. It is recommended new enclosures be Left in place to the extent possible. Vinyl "seasons" over time and becomes less impressionable. Roll all curtains down and fasten in place nightly to keep perfect appearance.

CLEANING: Apply soapy water to the clear vinyl section of the curtain with special purpose washing mitt or soft cotton cloths.

Thoroughly rinse the soapy solution with fresh water and completely dry the curtains with a high quality chamois.

After washing the curtains, apply 303 or IMAR Strataglass Protective Polish sparingly with small, light circular motions using a soft cotton cloth.

Allow the polish to dry and then remove with a clean soft cotton cloth. Finally, lightly buff to a sparkling shine.

For routine maintenance between polishing, use IMAR Strataglass Protective Cleaner. Insure the clear vinyl panels are free of abrasives. Very lightly mist a soft cotton cloth then lightly and briskly rub a manageable sized area and then lightly buff dry with another clean cloth.

RESTORING: Some actual damage cannot truly be repaired. If 303 or IMAR Protective Polish cannot restore the clarity and shine, it may be time to consider replacing the enclosures.

WARRANTY

LIMITED LIFETIME WARRANTY

Manufacturer guarantees the material and workmanship of its products to be of excellent quality. All Materials are carefully selected to withstand most weather elements and breakage under normal use. The warranty does not cover claims originated from faulty installations, hail, flood, fire, harmful chemicals & fumes, misuse, abuse, fading, chalking, oxidization, erosion of paint, acts of God, or causes beyond control of the manufacturer. This warranty is for the benefit of the original purchaser and is not transferable. The lifetime material warranty applies to aluminum components only.

5 YEAR WARRANTY

Manufacturer warrants the electrical motors for a period of 5 years, commencing from the date of sale against failure under expected normal use. Warranty is void if the electrical motor is exposed to water, acts of God, or abnormal conditions including faulty installation.

2 YEAR WARRANTY

Manufacturer warrants the electronic components such as radio transmitters and receivers for a period of 2 years commencing from the date of sale against failure under expected normal use. Warranty is void if the electronic component is exposed to water, acts of God, or abnormal conditions.

SCREEN & VINYL WARRANTY

Manufacturer warrants the MagnaScreen fabric series have a 10-year limited warranty from the original date of purchase. The warranty covers defects of workmanship/materials or excessive loss of strength in normal conditions, including sunlight, rot, mildew, or atmospheric chemicals that might render it unserviceable. Improper use, abuse, or use of harsh chemicals will void warranty. Fabrics not from the MagnaScreen series might have different warranties associated with them. Please contact an authorized dealer for full details and warranty info.

Manufacturer warrants its clear vinyl windows for (1) year. The warranty specifically covers manufacturing defects in the material or workmanship of stitching the vinyl windows to the surrounding material. Any defects in the vinyl panels must be noted upon installation of the motorized system. Discoloring, yellowing, orange-peel or scratches discovered in the material after the install is complete are not covered and are typically caused by the use of improper cleaning solutions and/or methods. Please see catalog or contact an authorized dealer for cleaning instructions, care and maintenance.

LIMITATIONS OF WARRANTIES

Manufacturer is not responsible for indirect, punitive, special, incidental, or consequential damages or losses that anyone may suffer or incur in connection with this product or its use. Any warranties implied by law, including those of merchantability and fitness for the use or for particular purpose are limited to materials only in duration of 1 year express warranty hereunder. Some jurisdictions do not allow limitations on how long a warranty lasts therefore, in those jurisdictions, the limitations are not applicable to the purchaser. This warranty does not cover screen mesh including incidental, misuse, or faulty installation damage.

This warranty further does not cover installation costs, removal costs, service calls, and shipping costs of all materials covered in above limited warranties.

FRASERSHADING™
SYSTEMS INC.

LICENSED FABRICATOR OF

MAGNATRACK
US PATENT 9719292

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