

# SAVE MONEY & REDUCE

YOUR CARBON FOOTPRINT

As temperatures rise due to climate change and with global CO<sub>2</sub> reduction targets set, the race is on to improve the energy efficiency of buildings and find the most effective solution to save every gigajoule or kilowatt possible.

Studies have shown that exterior shading is one of the most energy efficient solutions available to lower the energy demand for cooling and heating.

Passive building design professionals agree and are paying special attention to exterior movable shading solutions combined with automation as an integral part of their energy efficiency strategy. This combination is commonly referred to as "dynamic solar shading" and is a concept widely talked about today.

*"By 2050, energy consumption for cooling is expected to increase sharply between 150% to 600% globally.*

*Dynamic shading on glazing can keep more than 90% of the heat outside".*

*- The European Solar-Shading Organization*

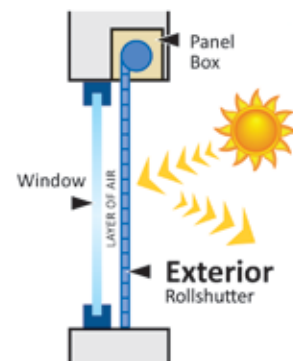
External shading solutions have been implemented all throughout Europe for decades. The European Solar-Shading Organization has done extensive studies to show that rollshutters significantly reduce carbon emissions and on demand energy use proving they are needed regardless of season or climate.

Cariguard rollshutters were selected for a comprehensive study on the energy efficiency of exterior solar shading versus interior solar shading.

The study concluded that, when closed during the day & night during the summer months:

- rollshutters reduced the daily average electricity demand for cooling by 50-80%. Based on the time-of-use pricing structure, this translated into a cost savings of approximately 34%
- window internal surface temperatures averaged between 15-20°C cooler

## Rollshutters block heat in summer!



Mounted on the exterior, rollshutters block the sun before it reaches your window. The air trapped between the rollshutter curtain and the window creates another layer of insulation. Both contribute significantly to reducing the cooling energy demand.



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COMMERCIAL ROLLSHUTTERS

STYLISH PROTECTION FOR YOUR PROPERTY





**WE CAN MANAGE ANY SIZED PROJECT – FROM BIG TO SMALL**

Cariguard has been committed to manufacturing high quality storm and security solutions for nearly 40 years and established our plant in Barbados in 2002.

Having installed our products on countless applications across the globe, Cariguard has earned the reputation of a trusted industry leader with the expertise to handle any sized project with confidence and efficiency.

**SERVICE YOU CAN TRUST**

We have developed a 4 step plan to ensure your satisfaction.

- 1 We will meet with you to determine your security objectives and requirements.
- 2 Our technicians will define the product specifications and measurements.
- 3 Our installers will ensure an effective installation.
- 4 We will train your staff in the operation and maintenance of your products while our support team is always available to assist with any questions or concerns.

**BUILT TO LAST**

Cariguard rollshutters are made using the finest quality materials and the most durable components to ensure your business is well protected.

We also want you to feel protected with our comprehensive warranty.

Feel confident in knowing that your Cariguard products are covered for a worry-free, long-lasting storm, sun and security solution.



The **STRONGEST PROFILE** for **SECURITY & STORM** protection in the industry!

**UNBEATABLE STRENGTH**

Cariguard is proud to offer the strongest roll formed aluminium profile available in the industry. Made from high-quality aluminum and stainless steel components and insulated with a high density polyurethane foam, they provide unbeatable protection against tropical storms, vandalism, break-ins and theft.

**TRUSTED PROTECTION AGAINST STORMS**

Tropical storms, hurricanes, storm surges, and turbulent weather can be dangerous and costly. Left unprotected, your property is at risk of becoming severely damaged or even destroyed. Cariguard rollshutters have been tested against excessive force and can withstand heavy winds and flying debris offering you peace of mind that your windows and doors are well protected. Storm bars are available for additional protection.

**MANY SOLUTIONS ROLLED INTO ONE**

Rollshutters are your security, storm and sun protection solution providing a solid barrier against crimes of opportunity, Mother Nature's harshest elements, and intense sunlight. They also make an excellent energy efficient solution as well with insulated profiles to keep heat out and significantly reduce on demand energy use. See the back of this brochure for more energy efficiency information.

**ROLLSHUTTERS VS. Other Security Options**

	Cariguard Rollshutters	Security Cameras	Alarm Systems	Security Bars	Window Film
Deters Vandalism	•	•		•	
Deters Break-ins	•	•	•	•	•
Prevents Glass Breakage	•				•
Reduces Energy Use	•				
Harmonizes with Building	•	•	•		
One-time Application	•			•	•
Provides Light Control	•				

**CUSTOM MADE**

Our rollshutters are custom made right here in Barbados in our state-of-the-art manufacturing facility. They are specifically tailored to fit any application and are uniquely engineered to create a long-lasting, maintenance free solution.

**STYLISH & SOPHISTICATED**

Cariguard rollshutters are designed to combine purpose with appearance. We customize your rollshutter using the smallest panel boxes in the industry, and with the many colour options to choose from, our rollshutters blend seamlessly into your building design.

**EASILY OPERATED**

Rollshutters can be operated manually or by motorized control, either individually or as a group. Motorized group control makes closing time effortless.

Cariguard offers high security key switches, key pads, remote control, timers, battery backup capability and more. For even greater convenience, our products can be integrated into your building automation systems and can be operated remotely while on vacation or when working from home. To maximize the energy efficiency benefit of rollshutters automated solar and daylight management is highly recommended.

**MAKE A STATEMENT WITH CUSTOM GRAPHICS**

Stand out from the rest and utilize your rollshutter as an advertising opportunity.

Most local printers have the technology to print your logo, photographs or any image you wish directly onto your rollshutter.

**Make use of your window coverage and make a statement!**



**SECURE & PROTECT**

with Cariguard Rollshutters

Proudly manufactured in Barbados since 2002



**CARIGUARD STANDARD COLOURS**



Or choose from over 1800 custom colour options available