

KE

ENJOY THE OUTDOORS



Exterior screens

BENEFITS OF EXTERIOR SOLAR SCREENS



Exterior screens are an attractive and functional addition to your home or office. Screens help control up to 99% of the sun's harmful UV rays, helping to protect skin and eyes, reduce glare, increase privacy and protect against flying insects. Screens also help reduce fading of drapes, furnishings, window displays and carpeting.

Multiple fabric guidance options are available including standard rail, zip rail, recessed track, rod, cable, free hanging or Storm Rail. Custom width and drop size ranges are based on product specifications and operation.

Choose from premium grade fabrics with a wide array of colors, textures and screen openness with options from 50% to 100% total blackout. Exterior screens also help reduce heating and cooling costs.

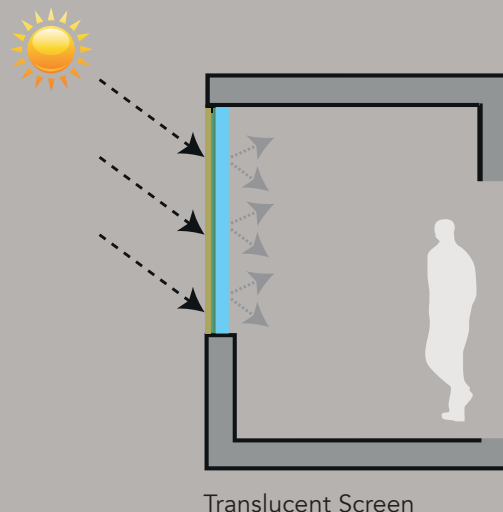
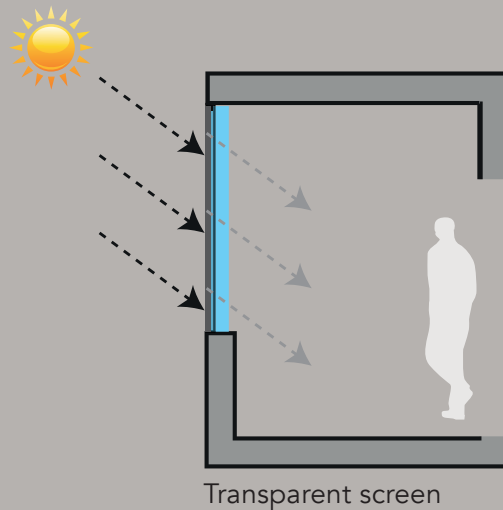
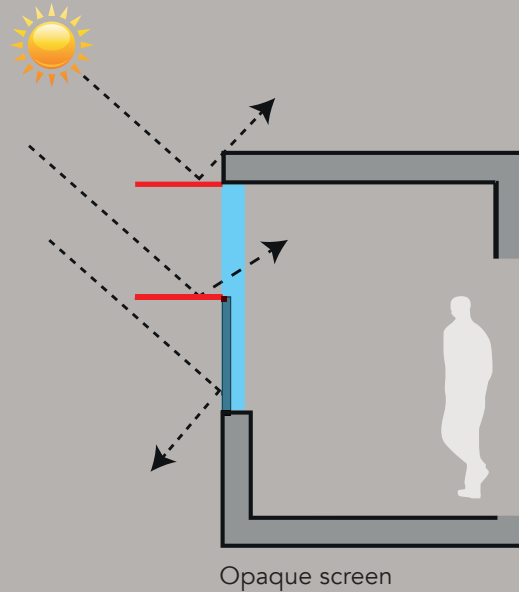
DESIGNED WITH NATURE IN MIND

DAYLIGHTING

Daylighting is a design philosophy that incorporates the use of natural light into a space in order to reduce the need for artificial lighting, thus reducing costs. KE screens provide specific control of daylight in order to achieve maximum energy efficiency without the need to sacrifice comfort, safety or style.

Exterior screens are an attractive addition to your home or office space and enhances your decor. Screens also help control up to 99% of the sun's harmful UV rays, helping to protect skin and eyes, reduce glare and increase privacy. Screens also help reduce fading of drapes and furnishings, window displays and carpeting.

Choose from premium grade fabrics with a wide array of colors, textures and screen openness options from 50% to 100% total blackout. Screens help to control environmental factors such as solar transmission, absorption, and reflectance, resulting in reduced heating and cooling costs.





Block The Sun But Not Your View!

**Create A Welcoming Space To Enjoy All Year Long
Custom Built For Your Home Or Business.**

KE's patented design exterior solar screens are practical, functional and stylish solution for your home or business. Each screen is custom made for your specific installation.

With an incredible array of custom configurations designed to integrate with your architecture and personal style, KE solar screens provide comfort and added value to your living or working environment. Motorized performance and touch-button automation features are available. Perfect for windows, patio sliders, sun-rooms, offices, conference rooms, media rooms and more.

Profiles are made of extruded, powder coated aluminum with corrosion resistant stainless steel components, and are available as an open roller (CS0) or as an enclosed box, in widths of 4", 5", or 6" cassette (CS4, CS5, CS6). Standard colors include white, jet black, sand, brown and charcoal with custom colors available at an up-charge.



EXTERIOR SCREEN SYSTEMS

KE Exterior Screens are available with a large variety of screen fabrics as well as several different fabric guide options to allow complete customization based on your requirements and installation considerations.

Enclosed cassettes provide a sleek, finished appearance and help to keep screen fabric clean, dry and safe from damage when not in use.

Great for enclosing porches, patios and breezeways, KE Exterior Screens provide cooling shade, reduce sun glare, keep out flying insects and increase privacy. Minimize heat gain from bright sunshine and reduce your cooling costs while maintaining your view and blocking harmful UV rays. Available with manual or motorized operation.

KE has a solution that is perfect for your home or office.





CSO — OPEN ROLLER EXTERIOR SCREEN

The Open Roller Exterior Screen is available in widths from 3' – 26'.
Drop screen projection ranges from 3' – 16'.

Hundreds of fabrics are available to choose from. The most popular selections include:

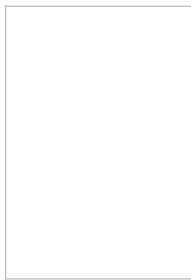
Variable Openness Screen Mesh from Textilene, Phifer, Mermet, Ferrari, Awntex –
(horizontal seam placement when necessary)

Solid Fabric from Sunbrella Solution Dyed Acrylic (vertical seam placement)

Blackout Fabric

Clear Vinyl Integration (limited operating temperature range)

STANDARD FRAME COLORS — CSO, CS4, CS5, CS6



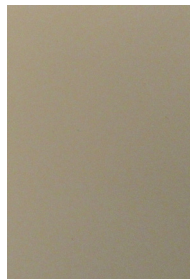
WHITE
RAL 9010



JET BLACK
RAL 9005
High Gloss



CHARCOAL



SAND



BROWN
(Bronze)



[Learn More](#)



CS4, CS5, CS6 — CASSETTE EXTERIOR SCREEN

All Cassette Exterior Screens feature extruded, powder coated aluminum cassette and convenient, motorized operation at the push of a button. Available motors include Somfy Maestria, Somfy Altus and Moon Radio as well as Somfy Standard motors.

Offered in the following size options:

CS4 (4" Cassette): Widths from 3' to 13' Max. Drop: 3' – 10'

CS5 (5" Cassette): Widths from 3' to 20' Max. Drop: 3' – 16'

CS6 (6" Cassette): Widths from 6' to 26' Max. Drop: 3' – 16'

Cassette Screens can be mounted on a wall or soffit, and are available with multiple fabric guide options, including cable, standard track, zip track, recessed zip track, rod, or free hanging.

Hundreds of fabrics are available to choose from. The most popular selections include:

Screen Mesh from Textilene, Phifer, Mermet, Ferrari, or Awntex (seams can be configured horizontally as required)

Solid Fabric from Sunbrella Acrylic (vertical seam placement)

Blackout Fabric

Clear Vinyl Integration (limited operating temperature range)

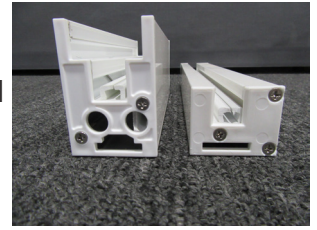


SPECIFICATION CHART	CS0	CS4	CS5	CS6
Width (1/4" increments)	3' - 26' (32' for CS0 with a split)	3' - 13'	3' - 20'	6' - 26'
Projection	3' - 16'	3' - 10'	3' - 16'	3' - 16'
Clear vinyl windows - width for Group 5A	3' - 16'	3' - 13'	3' - 16'	6' - 16'
Clear vinyl windows - projection Group 5A	3' - 12'	3' - 8'	3' - 12'	3' - 8'
Cassette options	NONE	4"	5"	6"
Roller tube sizes	70 mm up to 13' 80 mm up to 16' 85 mm up to 20' 110 mm up to 26' 80 mm as split roller up to 32'	70 mm	80 mm up to 16' 85 mm up to 20'	110 mm standard up to 26'
Complete fabric protection	No	Yes	Yes	Yes
Available guides: Storm, zip, recessed track, standard, cable, rod or free hanging	Yes	Yes	Yes	Yes
Hood	Available as an option	Hood not needed with cassette option	Hood not needed with cassette option	Hood not needed with cassette option
Motorized or manual	Available as motor or manual	Available as motor or manual	Available as motor or manual (manual up to 16')	Motorized only
Frame colors	White, Jet Black, Charcoal, Sand, Brown	White, Jet Black, Charcoal, Sand, Brown	White, Jet Black, Charcoal, Sand, Brown	White, Jet Black, Charcoal, Sand, Brown
Custom colors	Call for availability	Call for availability	Call for availability	Call for availability
Framework warranty	10 year	10 year	10 year	10 year
Soffit mount	Yes	Yes	Yes	Yes
Wall mount	Yes	Yes	Yes	Yes

FABRIC GUIDANCE OPTIONS

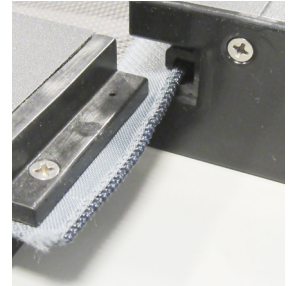
Storm Rail

Designed specifically to withstand high winds and impact from flying debris, Storm Rail uses a zipper guide system that is locked into the side rail and reinforced with a series of specially designed spring clips that absorb impact forces without causing the screen to pull away from the rail. Cross section comparison shown in image.



Zip Track

Fabric with welded side edge zipper offers a captured edge for fabric side retention and bottom hem bar end into a U shaped track with insert.



Recessed Zip Track

Inner and outer tracks are recessed into wall or columns and hidden from view upon final construction and installation.



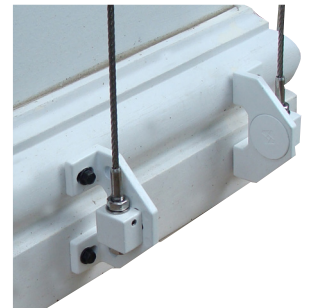
Standard Track

U-shaped track rail with bottom hem bar end cap designed to move up and down inside the track opening.



Cable Guide

Wire top attachment to bracket or cassette guided through bottom hem bar end cap with optional attachments at the bottom.



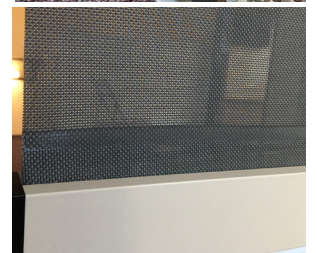
Rod Guide

Stainless steel solid rod guidance with attachment to bracket or cassette guided through bottom hem bar end cap.



Free Hanging / No Guidance

option with external bottom hem bar profile or concealed weight bar in fabric pocket without cable, track rail, or rod guidance assistance.



Storm Rail - Durability Tested



Wind Resistance

KE Storm was subjected to the wind resistance test at the Security & Safety Laboratory of Istituto Giordano, accredited by ACCREDIA.

The tests were carried out both according to the European test method UNI EN 1932: 2013 (classification UNI EN 13561: 2015), and according to the American standard ASTM E330 / E330M-14 (coinciding with TAS 202, operating procedure of the Florida Building Code).

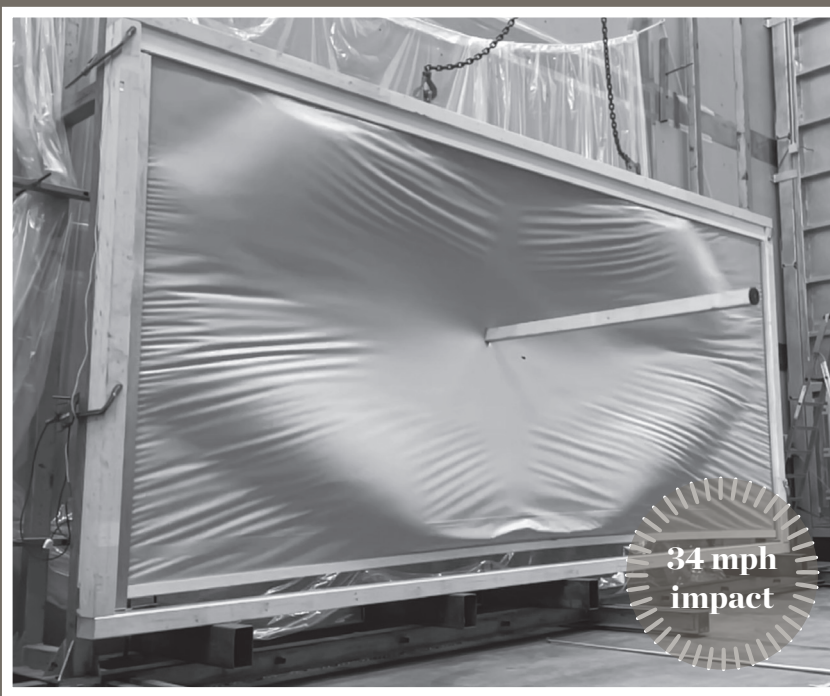
KE Storm withstood a test pressure of 720 Pascals (78mph wind speed), far exceeding the maximum limit defined by the European standard of 480 Pa (Class 6).

Impact Resistance

KE Storm was subjected to a large projectile impact test in accordance with TAS 201.

The goal was to test the screen's resistance against debris thrown in a hurricane. KE Storm was subjected to impacts with a solid object fired at 34 mph (15.2 m/s).

Storm Rail option is available on all KE Exterior Screens.





Vertex installed by Van Nuys Awning Co.



VERTEX TENSION SCREEN SYSTEM

MADE FOR COMFORT

The Vertex Motorized Tension Screen System elevates zip track fabric guidance on horizontal or vertical solar screen shading to a new level. The sleek 5" cassette housing combined with spring/belt tensioning in the zip track rails is practical and stylish while its purpose is functional and essential for enhanced performance on solar screen protection.

The Vertex has great versatility for different applications. Top mounted setup on an existing sub-structure, a wall or soffit mounting attachment to a structure with front post support in open space areas, as a vertical screen in patio openings or windows, and even for interior skylights where a direct inverted installation of the full cassette and tracks is possible.

Multiple fabric selections are available from screen mesh materials to opaque shading fabrics designed to custom size and cover an area of up to 16' in width with a maximum 16' projection. Additional units for more space coverage can be installed side by side with minimal gap, dual track guidance is also available.



16'
wide



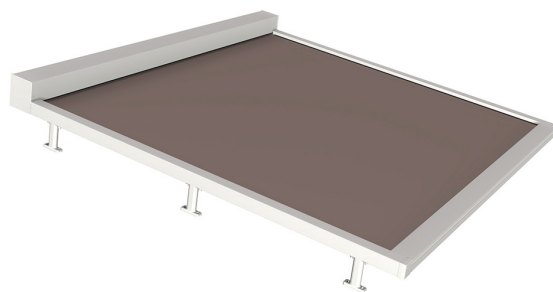
16'
proj.



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Vertical



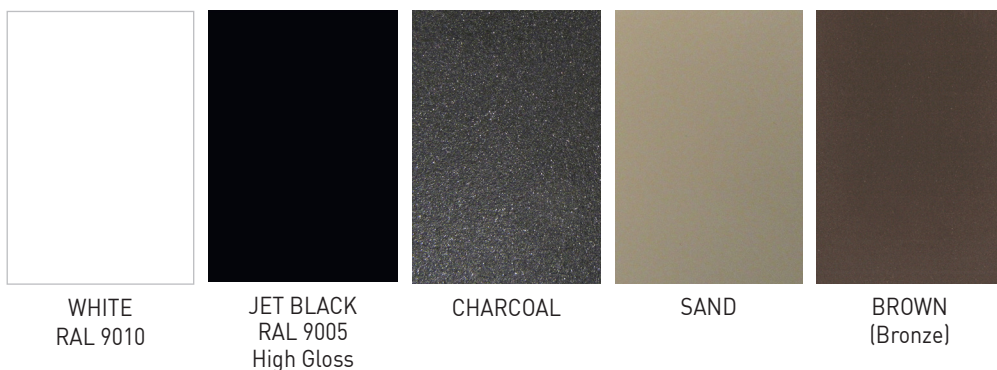
Horizontal (without legs)



Horizontal wall mount
(with legs)

VERTEX CONFIGURATION	VERTICAL INSTALLATION	HORIZONTAL INSTALLATION WITHOUT LEGS	HORIZONTAL WALL MOUNT INSTALLATION WITH LEGS
Width (1/8" increments)	3' - 16'	3' - 16'	3' - 16'
Projection (1/8" increments)	3' - 16'	3' - 16'	3' - 16'
Clear vinyl windows - width for Group 5A	Yes 3' to 16'	N/A	N/A
Clear vinyl windows - projection for Group 5A	3' - 12'	N/A	N/A
Cassette options	5"	5"	5"
Roller tube size	80 mm	80 mm	80 mm
Complete fabric protection	Yes	Yes	Yes
Hood	Hood not needed with cassette option	Hood not needed with cassette option	Hood not needed with cassette option
Fabric selections	Screen fabrics	Screen fabrics	Screen fabrics
Motorized or manual	Motorized only	Motorized only	Motorized only
Frame colors	White, Jet Black, Charcoal, Sand, Brown	White, Jet Black, Charcoal, Sand, Brown	White, Jet Black, Charcoal, Sand, Brown
Custom colors	N/A	N/A	N/A
Framework warranty	5 years	5 year	5 year

Standard Colors for Exterior Screens





Storm Rail installed by Sonoran Retractable



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