

All about Exterior Screens



KE

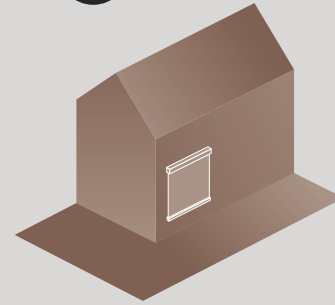
KE

Exterior Screens

KE

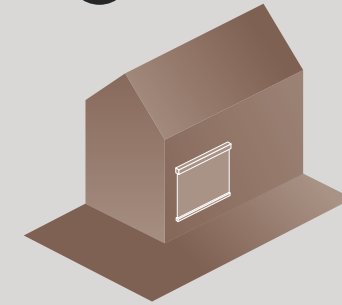
Screens 3

p. 6



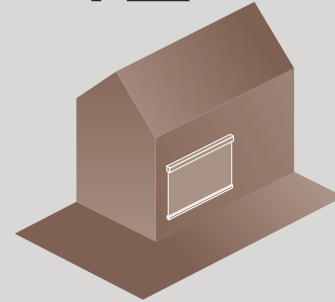
Daylighting

p. 8



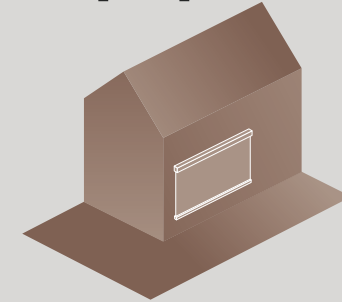
Benefits of KE Screens

p. 12



CS0 & Frame Colors

p. 14



CS4, CS5, CS6

p. 16



Fabric Guidance Options

p. 17








Storm Rail

KE

the right choice

KE: THE RIGHT CHOICE

			
<p>Since 1987, KE has been designing and manufacturing high superior quality retractable awnings. KE offers the widest range of product sizes and styles, including Triumph, the industry's largest retractable awning.</p> <p>Helping you get the most from your outdoor space is our passion. Providing the best products is our mission.</p> <p>Welcome to the world of KE.</p>	<p>All KE products are created by skilled and experienced Italian designers who always strive for perfection. KE products are engineered for a long life of reliable service and customer satisfaction.</p>	<p>All KE components are manufactured in our own factory in Italy, under the highest quality standards. KE products are designed by experts and engineered for durability and service.</p>	<p>All KE awnings are built to your specifications at the time it is ordered. There is no inventory on hand - only one awning made specifically for you.</p>

			CE
<p>KE awnings are sold in 76 countries worldwide and KE is a proud member of FederlegnoArredo, a professional organization that promotes "Made in Italy" excellence in every market.</p>	<p>KE awnings are sold and installed through a network of factory-trained retail dealers.</p>	<p>KE holds patents for some of our design innovations and unique approaches to industry performance standards.</p>	<p>CERTIFICATIONS Uni ISO 9001:2015 Uni ISO 45001: 2018 Uni ISO 14001: 2015 CE: UNI EN 1090:2014 UNI EN 13561:2015</p>

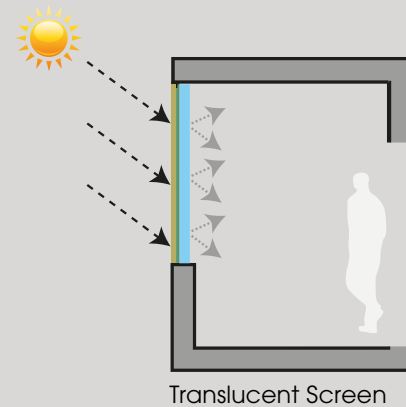
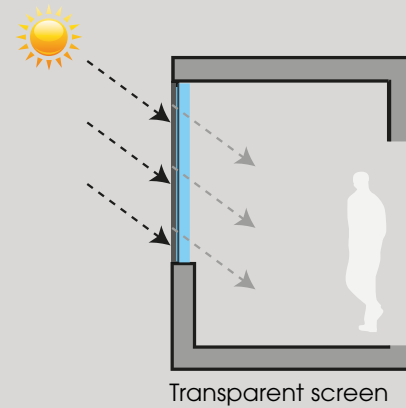
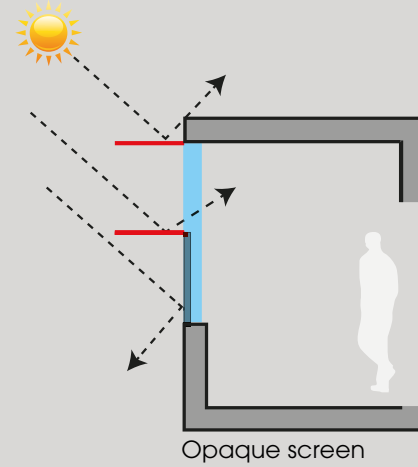
DESIGNED WITH NATURE IN MIND

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 control environmental factors such as solar transmission, absorption, and reflectance, resulting in reduced heating and cooling costs.



Benefits of KE Screens

BENEFITS OF KE SCREENS

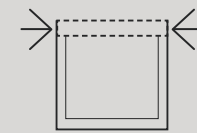


KE Screens are available in sizes ranging from 3' wide up to 26' wide and drops up to 16'.

Fabric guidance options include:

- Standard Track
- ZIP Track
- Recessed ZIP Track
- Storm Rail ZIP Track
- Cable Guide
- Rod Guide
- Free Hanging

KE Screens use smooth-operating and reliable Somfy motors and controls.



KE Screens are easy to install and can be attached to either front or underneath of almost any surface. Both full cassette and open roller options are available to meet your specific needs.

A wide variety of screen fabrics is available to suit your requirements and style. Choose the best color and permeability to achieve optimum light and air pass-through according to your preference.

KE's patented rolling system helps to prevent wrinkling and creases in the fabric for a smoother appearance and better performance.



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.



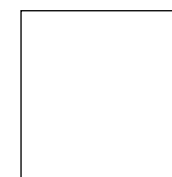


CS0 — OPEN ROLLER EXTERIOR SCREEN

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)



WHITE



CHARCOAL



BROWN



SAND

JET BLACK
(gloss)

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)



Cable guide shown

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

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.

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).

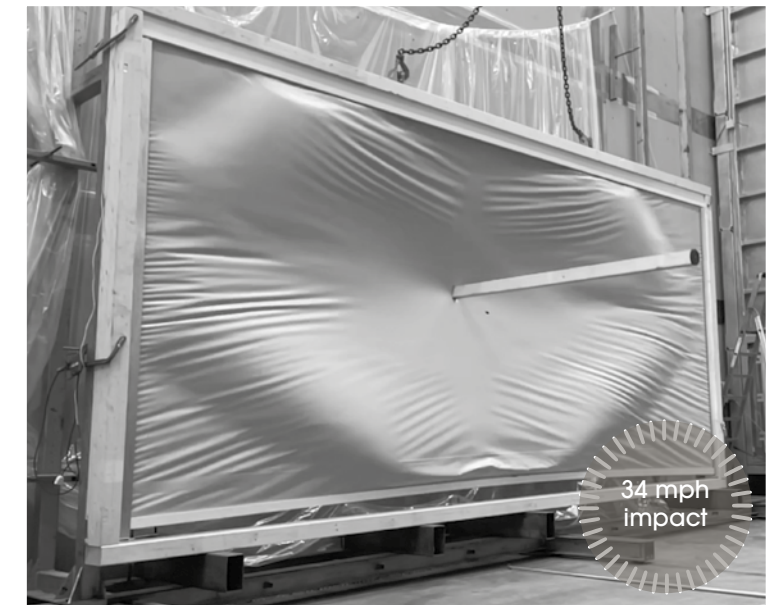


Impact Resistance

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.





Reduce the glare, not your view

Automation

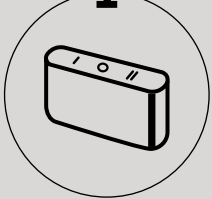
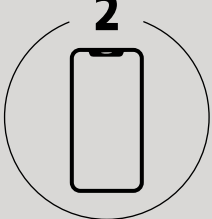
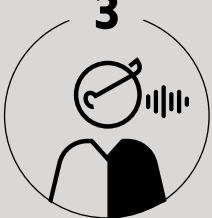
AUTOMATION

A variety of wind, rain and sun sensors is available so you can customize operation of your shade system to suit your schedule and your lifestyle. Pre-program a routine or use apps for smartphones and tablets that provide remote control as desired.



WIRELESS
Use your cellphone or tablet to control screens anytime.



- 1** Wireless controls

- 2** Phone or tablet apps

- 3** Compatible with voice activation systems


KE



Visit our website
www.keoutdoordesign.us