

Eclipse Architectural®

Screens for any door or window type



System Selection

S1 Screen

S2 Screen

Frame width single screen	max. 152-1/4" (3867mm)	min. 25-3/16"	max. 51-3/16" (640-1300mm)
Frame width double screen	max. 296-1/4" (7525mm)	min. 47-1/4"	max. 102-3/8" (1200-2600mm)
Frame height single screen	max. 125-5/32" (3179mm)	min. 27-9/16"	max. 124" (700 - 3150mm)
Frame height double screen	max. 125-5/32" (3179mm)	min. 27-9/16"	max. 124" (700 - 3150mm)
Insect Screen	✓	✓	
Shade - max height 95-5/32" (2417mm)	✓		
Use with door	✓	✓	
Use with window	✓	✓	



S1 SCREEN™ INSECT SCREEN

For a single function system up to 144" wide choose an insect screen to 120" high or a sun filter blind to 90" high. Create a multi-function system selecting both fabric classes for a two-in-one screening solution for openings up to 144" wide and 90" high. The insect screen and sun filter fabrics prevent insects entering the home and provide solar control. For larger openings between 144" wide and 288" wide select a double system, choosing an insect screen up to 120" high or sun filter blind up to 90" high.

Available in white, bronze and black powder coat or clear anodized finishes, custom paint colors and real wood veneers, it's mechanisms are concealed within the frame so screen and frame become an integrated unit.

Load Balancing Technology™

Load Balancing Technology (LBT™) (patent pending) allows for the effortless fingertip control synonymous with Centor products. With no crude spring-loading to fight against, the screen's lead-stile remains firmly in any chosen position until further pressure is applied. Load-balancing also means far greater tension across the screen or blind, eliminating any tendency for sag.

Tight Technology™

Tight Technology™ manufacturing techniques ensure control of the horizontal edges of the screen so they remain straight and tight across the widest spans.

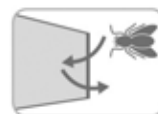
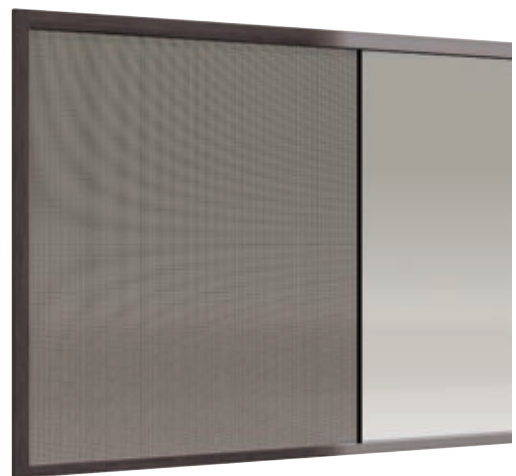
Shock Absorption

In the majority of cases the shock absorption mechanism prevents system damage by redirecting impact away from the screen.

Self-Feeding Mechanism

Should winds blow the screen out of the top or bottom channels the blind will self-feed back onto the roll.

S1 Screen™ Insect Screen



Insect Protection

Standard fly screen made from hard wearing polyester/pvc.



S1E SHADE UV PROTECTION SUN FILTER BLIND

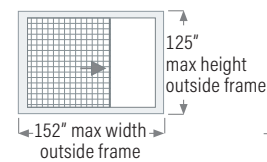
The S1E Shade from Eclipse Architectural is a world-first product providing retractable insect screening and solar control with fingertip operation. This product is the evolution of Centor's award-winning S1 Insect Screen.

S1E Shade allows homeowners to have complete control of their living environment. Used singly or paired together S1 Screen is ready for use whatever the season or time of day. S1E Shade retracts horizontally and discreetly into its frame when not in use – a revolutionary solution for those who refuse to compromise on style.

The S1E Shade promotes an eco-friendly lifestyle by offering chemical-free insect protection, solar control and thermal insulation; converting a single-glaze opening to double-glaze performance.

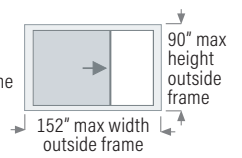
Single Function System

S1 SCREEN



Option 1:
screen from right or left

S1E BLIND



Option 2:
blind from right or left

S1E Shade UV Protection Sun Filter Blind



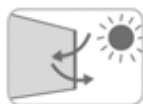
S1 Screen™ & S1E Shade Finishes

1. Clear anodized (standard)
2. Bronze, black or white powder coat (standard)
3. Other powder coat finishes (custom order)
4. Wood veneer (custom order)

UV Protection Sun Filter Blind fabric colors: white, light grey and sand.



Control Heat Gain & Loss



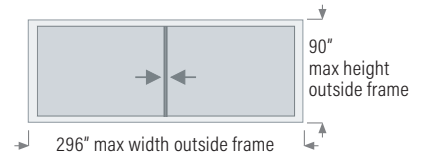
UV Protection



Projection Screen

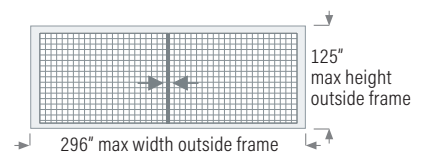
Double System

S1E BLIND



Option 1: blind from right and left

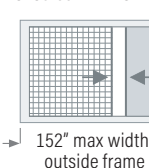
S1 SCREEN



Option 2: screen from right and left

MULTI-FUNCTION SYSTEM

S1 Screen

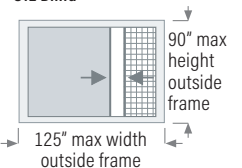


Option 1: screen from left, blind from right

S1E Blind



S1E Blind

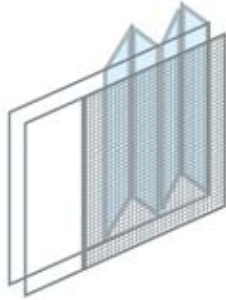


Option 2: blind from left, screen from right

A MULTITUDE OF APPLICATIONS

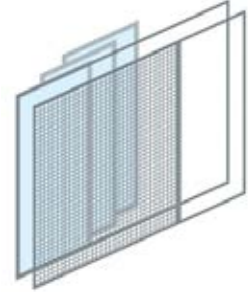
Bifold Doors or French Doors

The Eclipse name remains synonymous with folding door openings and the S1 Screen is ideally suited to use with the full range of Eclipse Folding Systems.

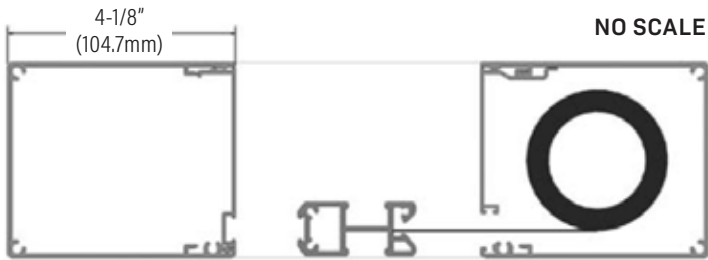


Sliding Doors or Windows

Large sliding doors and stacker doors are an ideal application for Eclipse's S1 Screen. Most door openings can be covered by a single screen unit, and it would be a very large opening indeed that would not be accommodated effortlessly by an S1 double unit.

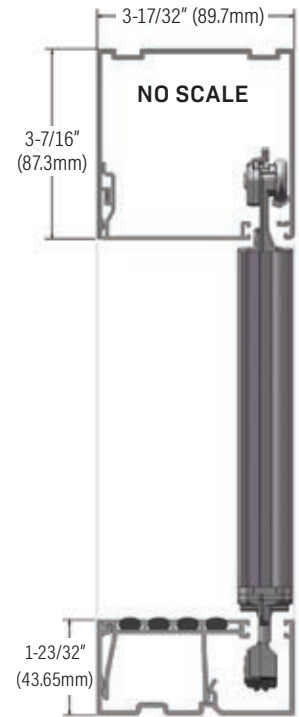


Sectional Top View



Sectional side view

(screen roll omitted in the drawing for clarity)



Fabric Choices

FABRIC	COLOUR	FABRIC CODE	COLOUR CODE	OPENNESS	SOLAR TRANSMITTANCE	SOLAR REFLECTANCE	SOLAR ABSORPTANCE	VISUAL TRANSMITTANCE
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Sun Filter 5%, Fibreglass/PVC


→	White	105	02	5%	20	67	13	16
→	Sand	105	10	5%	18	61	21	13
→	Light Grey	105	20	5%	13	49	38	11
☐	Dark Grey	105	60	5%	7	9	84	7
☐	Dark Brown	105	70	5%	6	7	87	6
☐	Charcoal	105	90	5%	6	4	90	6

→ Standard

☐ Special order

FABRIC	COLOUR	FABRIC CODE	COLOUR CODE	OPENNESS	APERTURE SIZE	STRANDS PER INCH
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Insect Screen, Polyester/PVC

	Charcoal	055	90	55%	1.4 x 1.7	17 x 13
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Please note that swatches are a representation only and may not match colors exactly.



WARRANTY

Centor Architectural offers a 5 year limited warranty on its S1E Screen™

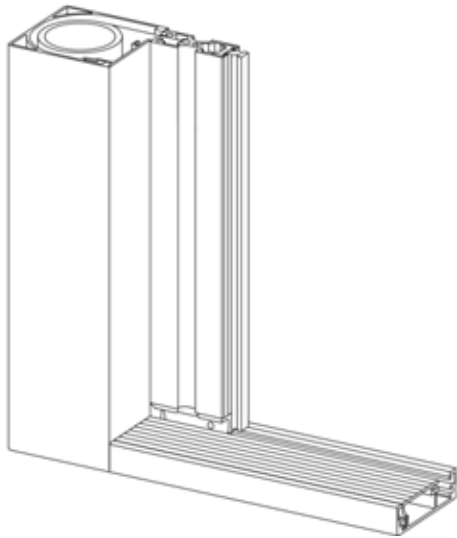


S2 INSECT SCREEN For Doors And Windows

As Eclipse's newest retractable screen, the S2 can be paired with French and sliding doors or windows up to 102-3/8" (2600mm) wide. With its compact design, S2 can be used in a renovation or new build, or retrofitted to existing doors or windows.

Frame width, single screen	25-3/16" - 51-1/8" (640 - 1300mm)
Frame width, double screen	47-1/4" - 102-3/8" (1200 - 2600mm)
Frame height	27-9/16" - 124" (700 - 3150mm)

Enjoy fresh air, sunlight and uninterrupted views - without insects!



Connect with the beauty of your garden while keeping unwanted pests outside with the Centor S2 Screen.

The S2 Screen invites fresh air and sunlight into your home. Retracting horizontally into its frame when not in use, the S2 Screen ensures views remain uninterrupted whether they are open or closed!

The Eclipse S2 Screen can be paired with doors or windows up to 102-3/8" (2600mm) wide and 124" (3150mm) high.

Simple to use

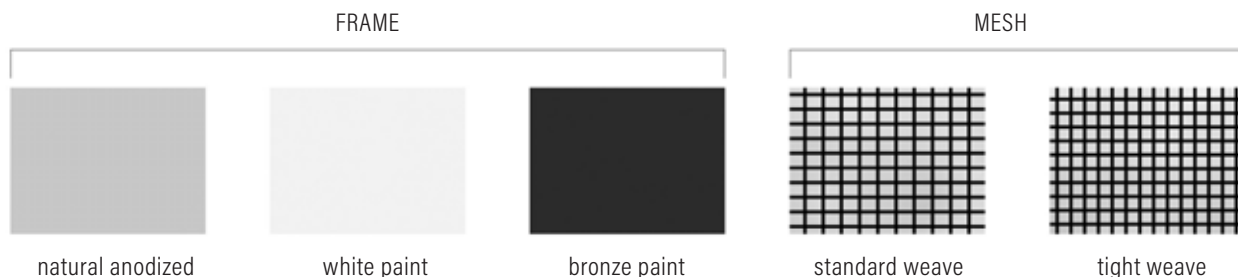
While robust, the S2 Screen operates smoothly from any height on the stile with one hand so even the youngest members of your family can use them. When opened, the screen stays in any position without snapping shut, allowing for an easy transition from inside to out. Should the screen mesh blow out of the top or bottom track, it will feed back onto the roll the next time it is retracted.

Considered design

The S2 Screen can be paired with double-swing and sliding doors and with many styles of windows. Clever design allows it to be installed on either the inside or outside of the opening depending on your requirements. Once in place, the screen mechanism is accessible through the removable covers for simple repair, servicing or cleaning.

Materials and finishes

The durable aluminum frame is available in natural anodized or painted in white or bronze. Please contact us with other color requests. The charcoal insect mesh is made from hard-wearing polyester/PVC and is available in Standard weave (for flies, moths and other pests) or Tight weave (for tiny insects).





Enjoy uninterrupted views with retractable screens that are perfectly flat



Keep your home insect free without the need to reach for chemicals and sprays



With the touch of a fingertip your youngest family members can move the screens aside



Removable covers make cleaning simple so your screens continue to work like new



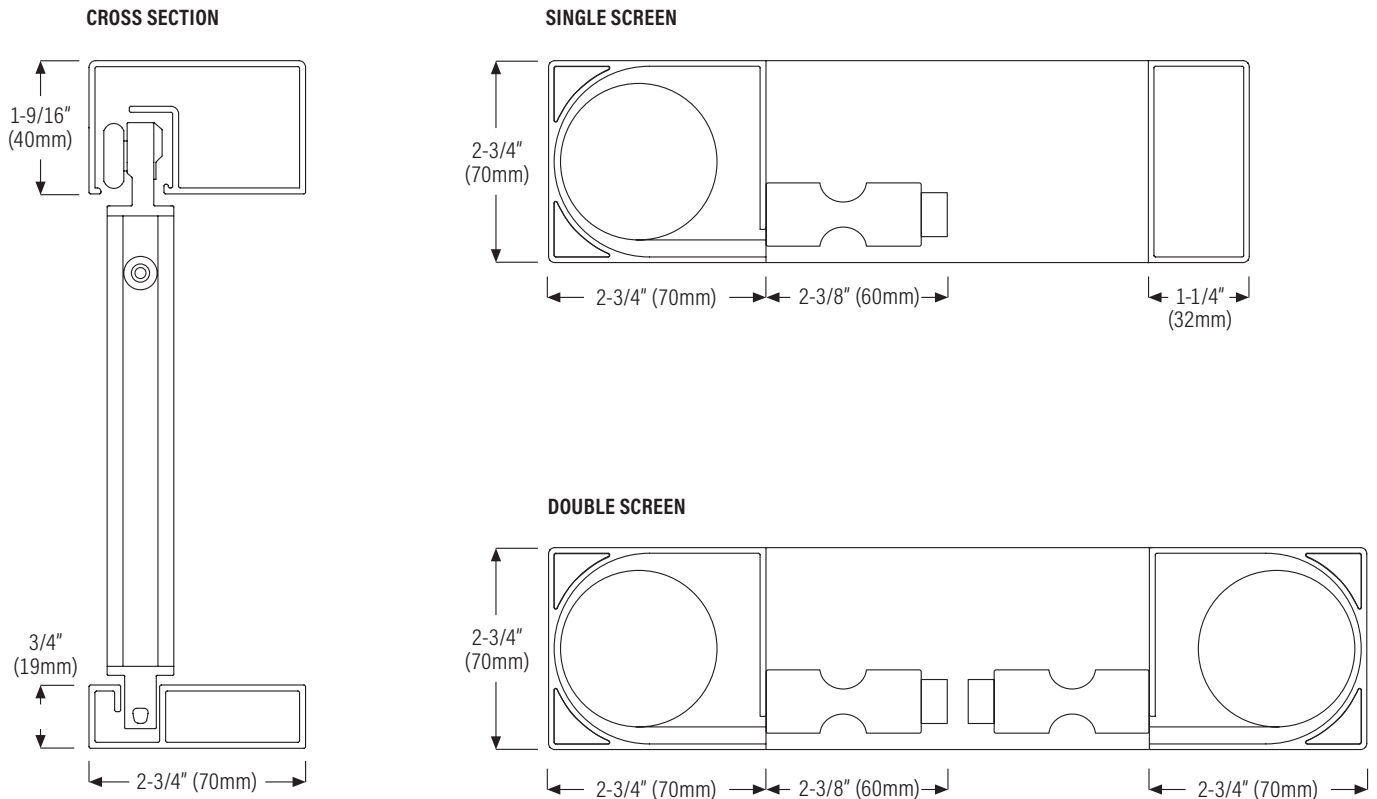
» Screen configurations:

- » Single: a screen extending from one side of the frame across the entire opening, up to 51 3/16" (1300mm) wide.
- » Double: Double: two screens meeting in the middle up of the opening up to 102 3/8" (2600mm) wide.
- » Compact design: low-profile sill just 3/4" (19mm) high
- » Operate the robust screen from any height on the stile
- » Simple to install in a four-step process
- » Load-balancing technology ensures the screen remains in any chosen position until moved aside - no awkward hand-brake required
- » Self-feeding mechanism will feed the mesh onto the roll as the screen is retracted if it blows out of the top or bottom track
- » Once installed, the screen mechanism is accessible through the removable covers for simple servicing, repair or cleaning
- » Durable aluminum frame available as standard in natural anodized or painted in white or bronze.
- » Charcoal insect mesh made from hard-wearing polyester/PVC, available in Standard weave (for flies, moths, mosquitoes) or Tight weave (for tiny insects)
- » Backed by a 5-year warranty

Product Detail

Thanks to its compact design the S2 Screen is easily paired with a new door, either during a remodel or new construction, or can be retrofitted to an existing door.

Single Screen		Double Screen	
Frame width	25-3/16" - 51-1/8" (640 - 1300mm)	Frame width	47-1/4" - 102-3/8" (1200 - 2600mm)
Frame height	27-9/16" - 124" (700 - 3150mm)	Frame height	27-9/16" - 124" (700 - 3150mm)



ALL DRAWINGS NO SCALE

Eclipse Architectural®

- » INTEGRATED DOOR SYSTEMS WITH SCREEN & SHADE
- » AFTER MARKET RETRACTABLE SCREEN & SHADE SYSTEMS

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