

# envioblinds

LOW CARBON TECHNOLOGY

# Coolscreen 8

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generation sun protection

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# Coolscreen 8, ultra-compact design

Meet the Coolscreen 8 from Harol: an energy-conscious, robust and sleek sun screen distinguished by its ultra-compact design. This classic in minimalist design offers a choice between a round or square box and features a patented zip system. This system ensures extra-taut fabrics and eliminates light gaps between the fabric and the lateral guides, giving it a sophisticated look.



## Eco-friendly design

The Coolscreen 8 exudes a minimalist eco-design thanks to its minimum of parts that are fully clickable, but also thanks to its screwless design, its invisible weld seam on the bottom lath and thanks to its minimalist round or square box.

## Smooth installation

The screen can be quickly installed in front of the window, in the window opening or on the façade without perforating the building shell, making it a perfectly integrated and durable sun screen for any environment. Ideal for new builds and renovations.

## Highly wind-resistant

The Coolscreen 8 shows its strength in all weathers, with wind resistance meeting class 3 according to EN13561. Besides its robust performance as a windbreak, this screen also acts as an effective insect barrier, not only withstanding the elements but also ensuring undisturbed comfort.

## Silent operation

Thanks to optimised X-glide technology, a special profile that neutralises resonance in the box, the Coolscreen 8 operates silently. In addition, the X-glide technology guarantees a long lifespan of the fabrics, which makes the Coolscreen 8 an example of sustainable cooling.



## Available fabrics and technical properties

	Sergé Ferrari			Copaco		
	Soltis Horizon 86	Soltis Perform 92	Soltis Opaque B92	Sergé 600	Sergé 1%	Sergé Blockout Lunar
Type	Polyester	Polyester	Polyester	Glass fibre	Glass fibre	Glass fibre
Weight approx. (g/m <sup>2</sup> )	380	420	650	535	620	660
Thickness approx. (mm)	0.43	0.45	0.60	0.55	0.80	0.78
Transmission of direct sunlight	14%	3%	0%	5%	1%	0%
Solar factor Gtot values**	0.12 - 0.22	0.05 - 0.16	0.01 - 0.05	0.08 - 0.12	0.06 - 0.09	0.02 - 0.05

## Cooling naturally thanks to Coolscreen 8

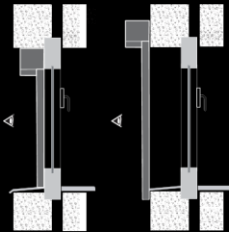
Minimalist design with no need for screws  
Ultra-taut fabrics and noiseless operation  
Window areas up to 24 m  
Quick installation  
Compact 90 mm, 110 mm or 135 mm box that fits perfectly in or on the window opening

# Premium quality

## Compact eco-design at its best.

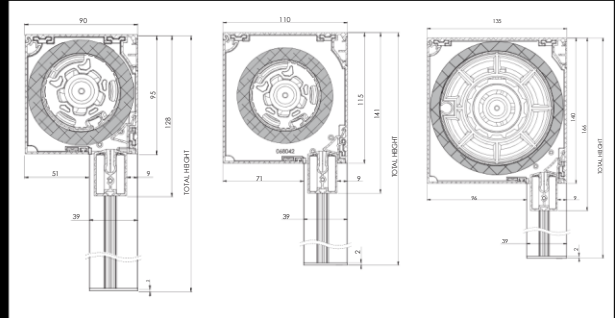
### Installation

Surface-mounted screen Coolscreen 8 can be fitted in front of the window, in the window opening or on the façade. Coolscreen 8 is suitable for new-build as well as renovation projects.



Box available in 3 sizes: 90 x 95 mm, 110 x 115 mm and 135 x 140 mm.

The 90 mm box fits perfectly into the window opening, making it blend seamlessly with the façade.



No visible welding seam on the bottom lath. Aesthetic perfection thanks to screwless design both of the box and guide rail.

### Technical ingenuity

The innovative motor bracket and Cable Control Technology ensure faster and more efficient installation and a longer service life.

Harol Coolscreen 8 features Somfy's latest-generation iio control as standard. This ultra-efficient screen motor works day and night and in all weather conditions. The motor features an integrated Somfy iio home control receiver. Wide choice of high-tech fabrics that provide optimum sun protection and ensure outside visibility according to the user's needs.

### Durable

High-quality and durable system, tested up to 15,000 cycles. Compliant with Wind class EN13651: wind class 3.

Box and parts are powder coated in our own environmentally friendly paint shop.

Harol's manufacturing processes are 100% powered by green wind energy.

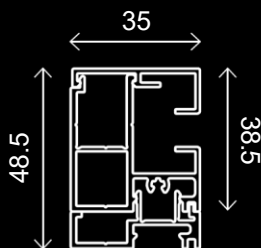
Minimum parts for maximum applications.

Fully clickable design for efficient end-of-life recycling.

### Design

Rectangular or round, minimalist box, made of extruded aluminium.

One clickable guide rail in one compact size of 35 mm that can be used for various installation applications.



### Maintenance

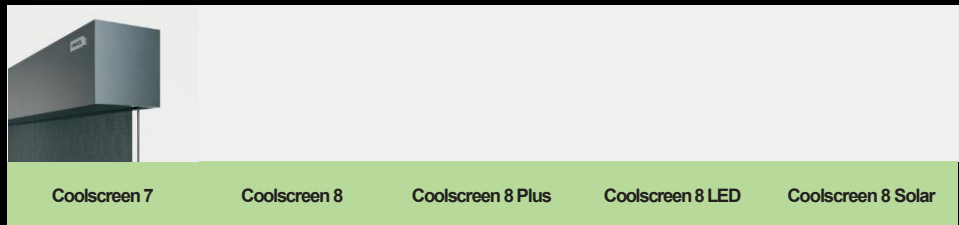
The box and profiles should be cleaned regularly with lukewarm water and neutral soap and then rinsed with tap water. Do not use corrosive or aggressive products, scouring pads or other abrasives.

The closed box efficiently protects the fabric against grime and dirt.

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Coolscreen 7      Coolscreen 8      Coolscreen 8 Plus      Coolscreen 8 LED      Coolscreen 8 Solar

**STRUCTURE / DESIGN**

Type	Surface-mounted	Surface-mounted	Surface-mounted	Surface-mounted	Surface-mounted
Max. width	3.5 m	6 m	6 m	6 m	4 m
Max. height	3.5 m	6 m	6 m	6 m	3 m
Max. surface area	9 m <sup>2</sup>	24 m <sup>2</sup>	24 m <sup>2</sup>	24 m <sup>2</sup>	12 m <sup>2</sup>
Box	Rectangular / round	Rectangular / round	Rectangular	Rectangular	Rectangular
Box dimensions	90 x 95 mm 110 x 115 mm 135 x 140 mm	90 x 95 mm 110 x 115 mm 135 x 140 mm	90 x 123 mm 110 x 143 mm 135 x 168 mm	90 x 123 mm 110 x 143 mm 135 x 168 mm	90 x 123 mm 110 x 143 mm
Guide rail	Cable guide	Clickable, 1 type	Clickable, 1 type	Clickable, 1 type	Clickable, 1 type

**OPERATION**

io motor	Standard	Standard	Standard	Standard	Standard
RTS motor	Option	Option	Option	Option	Option
Wired	Option	Option	Option	Option	N/A
Manual (winch handle)	Option	Option	Option	Option	N/A

**WIND RESISTANCE**

Beaufort	Up to Beaufort level 5	Up to Beaufort level 6	Up to Beaufort level 6	Up to Beaufort level 6	Up to Beaufort level 6
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**OPTIONS**

Sun and wind sensor	Option	Option	Option	Option	Option
LED lighting	N/A	N/A	N/A	Standard	N/A
Blackout fabric for bedroom	N/A	Option	Option	Option	Option

**DURABILITY**

X-glide anti-wear fabric technology / Quieter screen	Standard	Standard	Standard	Standard	Standard
Tested up to 15,000 cycles	Standard	Standard	Standard	Standard	Standard

	<p><b>Applications</b></p> <p>Catering venues, hotels, homes, flats, care homes, etc.</p>		<p><b>Controls</b></p> <p>Harol's Coolscreen 8 comes with an io control device as standard, which can be connected to the io home control system for building automation. <a href="http://io-homecontrol.com">io-homecontrol.com</a></p>
	<p><b>Warranty</b></p> <p>5-year product warranty.</p>		

Harol reserves the right to make technical changes to the products detailed above.