



PATENTED TECHNOLOGY

Fixvent[®] & Fixscreen[®] Mono AK^{EVO}

An extended version of Fixscreen[®] Mono AK^{EVO}
sunprotection with ventilation

Fixvent® Mono AK^{EVO} & Fixscreen® Mono AK^{EVO}

Fixvent® & Fixscreen® Mono AK^{EVO} are two new screen concepts, each one with its own specific characteristics. Still, it is easy to combine these two in the same room as they have the same look and feel. These products can be installed on all window depths, thanks to the smooth sliding motion of the monobloc on the mounting profile. Because of the patented Connect&Go®-technology the fabric roller can be mounted and dismounted easily. Like its predecessor 'Screenvent® Mistral' the fabric is windproof in any position. Flapping and torn fabrics are therefore a thing of the past. Consequently, the new Fixvent® Mono AK^{EVO} offers a combination of advantages:

- Improved physical comfort: optimal natural ventilation without draft
- Improved thermal comfort: more than 90% protection against heat
- Improved visual comfort: control of radiation of light without losing sight
- Improved aesthetic finish: hidden seam integrated in the bottom rail
- Improved acoustic comfort: acoustic insulation up to 50 dB (Fixscreen® Mono AK^{EVO} XX-large)

Product

Design

- Can be installed on all window depths: 50 mm (small) - 215 mm (XX-large)
- Hidden installation with respect for the architecture, installation on aluminium, timber and PVC.
- Larger surfaces are possible: can be coupled up to 18 m² - **NEW!**

Comfort

- High air flow guaranteed (Fixvent®): 70 m³/h/m for 2 Pa
- Self-regulating flap (healthy air supply without draft)
- Operation ventilation: manual or electrical
- Operation screen: electrical (different types possible)
- Easy maintenance: inner profile and demountable acoustical/thermal material

Sustainability

- Ideal for applications for high wind resistance:
 - Minimum distortion of the box in case of high wind load (conform the norm STS52.0)
 - Smooth fabric without wrinkles
 - Fabric is windproof in any position- **130 km/h**, because of the **Fixscreen® technology** - **NEW!**
 - PVC-side channel has a patented co-extruded wear-resistant topcoating: **Smooth technology**. Guarantees a smooth and noiseless operation
- Choose for a quicker and safer installation thanks to the patented **Connect & Go® - technology**:
 - Easy to mount and dismount fabric roller
 - Easy to replace the motor/fabric thanks to **Click&Safe®** - **NEW!**
 - Easy to fasten the box

Applications

- For private homes and building projects: hospitals, rest homes, offices, schools...
- For new constructions and large renovations

Technical characteristics

	Small	Medium	Large	X-Large	XX-Large
Available for window widths (mm)	50-94	95-124	125-154	155-184	185-215
Box (W x H) (mm)	167x132	197x132	227x132	257x132	287x132
Max. dimensions (W x H) (mm)	Fixscreen® Mono AK ^{EVO}		Fixvent® Mono AK ^{EVO}		
Screen (1 part)	Maximal width: 4000 Maximal height: 3500		Maximal width: 4000 Maximal height: 3000		
Max. dimensions (W x H) (mm)	Maximal width: 6000 Maximal height: 3500		Maximal width: 6000 Maximal height: 3000		
Coupled Screen (2 parts)					
Comfort					
Bottom bar (W x H)	30 x 57 mm				
Installation of the screen	Quick and easy installation and maintenance with Connect&Go®				
Operation of the screen	Motor control (several possibilities)				
Operation of the ventilation flap	Manual or electrical				
Acoustical/thermal material	Yes	Yes	Yes	Yes	Yes
U-value (W/(m ² .K))					
Fixscreen® Mono AK ^{EVO}	0,98	0,60	0,60	0,60	0,60
Fixvent® Mono AK ^{EVO}	1,47	0,98	0,86	0,77	0,72
Acoustical insulation D _{n,e,w} (C;C _{tr}) (dB) (in open position)					
Fixscreen® Mono AK ^{EVO}	Until 50 (0;-2)				
Fixvent® Mono AK ^{EVO}	Until 40 (0;-2)				
Durability					
7 year guarantee	Fixscreen®- technology : zip remains in side channel				
5 year guarantee	Against any defects occurring during normal use and maintenance				
10 year guarantee	Concerning the coating of aluminium elements				
Guaranteed wind resistance (screen on closed position placed before a window construction)	130 km/h ⁽¹⁾ (windclass 3)				

⁽¹⁾ Subject to official test results.



Inner view Fixvent® Mono AK^{EVO}



Outer view Fixscreen® Mono AK^{EVO}



Detail bottom bar (integrated seam)



Dealer

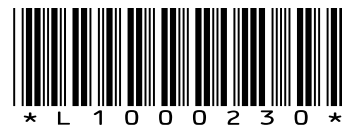


RENSON® reserves the right to make technical changes to the products shown. The most recent versions of our brochures can be downloaded from www.renson.eu

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