



CREASHADE
SUN SHADING SOLUTIONS



Screenvent[®] Mistral AK

Discrete, sound absorbing window vent,
sun protecting screen and insect mesh in one

Screenvent® Mistral AK

Introduction

RENSON® has developed the Screenvent® Mistral AK in order to improve the following aspects of living and working comfort:

- Physical comfort: supply of fresh and healthy air without draughts
- Thermal comfort: up to 90 % reflection of solar heat
- Visual comfort: daylight control, no reflection, the outside view is not obstructed
- **Acoustic comfort:** up to 33 dB in open position

Product

- Removable screen (from the inside) for easy maintenance
- Removable inner profile with sound **absorbing foam**, easy to clean with a vacuum cleaner
- Invisible installation on top of the window frame without glass reduction
- Finishing profile for ceiling
- Controlled ventilation with 5-step inner profile
- Self-regulating internal flap avoids draughts
- Intelligent windtight zip system in side guides
- Manual, cord, rod or motor control for window vent
- Rod or motor control for screen (with switch or remote control)

Applications

- On all type of windows: aluminium, timber, uPVC
- For new buildings as well as renovations
- For residential dwellings as well as hospitals, offices, schools and many other commercial applications

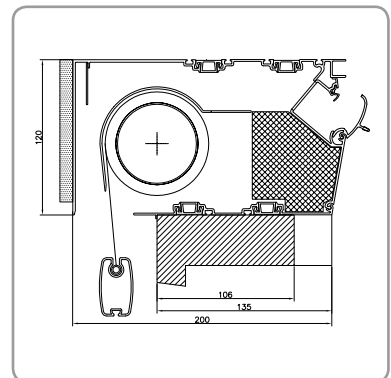
Technical characteristics			
	Small	Medium	Large
Suitable for frame thicknesses (mm)	50-75	75-105	105-135
Box (WxL) (mm)	140x120	170x120	200x120
Dimensions max. (WxL) (mm)	4000 x 2800 mm		
Control	Motor		
Possibility to couple	No	No	No
Extra acoustic/thermal material	No	Yes	Yes
U-value (W/(m2.K))*	4,4	4,1	4,0
Sound reduction D _{n,e,w} (C; C _{tr}) (dB) (screen rolled up)	33 (0;-1)	32 (0;0)	33 (0;-1)
Airflow in open position:			
2 Pa (m3/h/m)	66,8	65,5	65,3
10 Pa (m3/h/m)	74,5	62,1	69,5
Watertightness in closed position	300 Pa		
Garanty	5 years		



Inside view



Detail of the side channel



Screenvent Mistral AK/UT Large





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