

A COMBINATION OF VENTILATION AND SUN SHADING FOR A TOTAL LIVING COMFORT

SCREENVENT®

MINIMAL INSTALLATION SIGHTLINE TO ASSIST IN AESTHETICAL APPEARANCE OF THE BUILDING

SELF REGULATING VENTILATION TO CONTROL AIRFLOW EVEN DURING STRONG WIND GUSTS

NATURAL AND ENERGY-FRIENDLY COMFORT SOLUTION

A SECURE VENTILATION WITH CLOSED WINDOWS: INSECT PROOF, BURGLAR PROOF AND RAINPROOF.



INTRODUCTION

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

- *the physical comfort:* fresh and healthy air without draughts
- *the thermal comfort:* up to 90% reflection of solar heat
- *the visual comfort:* control of the light level, no reflections, the outside view is not obstructed



SECTION DETAIL



INSIDE VIEW

PRODUCT

- Aluminium profile with thermal bridge installed on top of the window frame and mainly hidden by the façade
- Easily removable inner profile for cleaning purposes and replacement of the screen
- Integrated motor system
- Ventilation control by means of 5 stepped settings
- A self-regulating flap controls the airflow and minimises draughts
- Inner profile can accept Gypsum board and many other internal finishes
- Easy to maintain as parts are removable from the inside



OUTSIDE VIEW

APPLICATIONS

- On all types of windows: aluminium, timber, PVC
- For new buildings as well as for renovation
- For residential dwellings as well as hospitals, offices, schools and many other commercial applications
- Ventilation available with manual, cord or rod controls
- Sun protection available with manual control or electrical control

TECHNICAL FEATURES

- Self-regulating class P3
- Airflow at 2Pa : 50 m³/h/m, 8200 mm²/m
- Free area : 1500 mm²/m
- Water tightness in closed position up to 650 Pa
- The front to back dimensions of the ventilator can be adapted between 50 - 135 mm and will therefore easily fit to the majority of the window and curtain walling systems



INSIDE VIEW

Conditional technical changes

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