



Creating healthy spaces



# HEALTHY VERANDA CONCEPT®



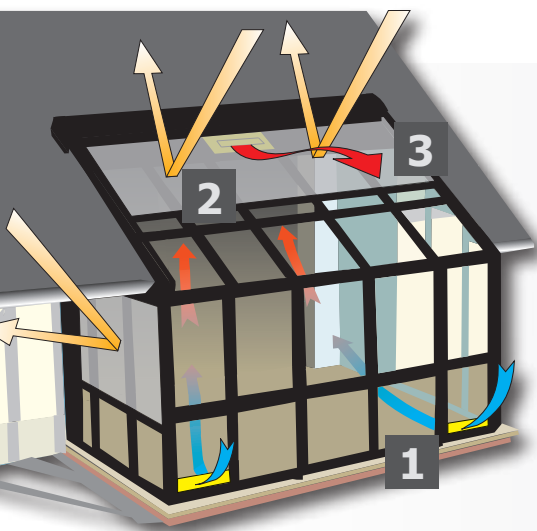
THK170



THM90



# HEALTHY VERANDA CONCEPT®



## VENTILATION

- 1 SUPPLY** of fresh air
- 2 EXTRACTION** of polluted, hot and humid air

## SUNPROTECTION

- 3 OUTSIDE SOLAR SHADING** to control the heat and the daylight



VENTILATION

SUNPROTECTION

## SUPPLY

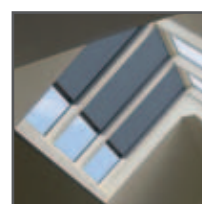
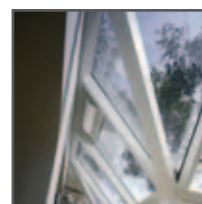
- **THM90** : The THM90 is a flush aluminium flapvent with thermal break, for all types of windows and ideal for sliding doors. The flat punched internal profile performs as an insectscreen. The internal flap can be set in 5 stepped positions (open/close + 3 intermediate). At the inside an extra windflap has been integrated to guarantee a higher water tightness in open position.
- **THL100V** : A thermally-broken sliding ventilator with integrated insect screen, made to measure, installed in a vertical position. It creates a natural aircirculation. Incoming fresh air at the bottom and outgoing humid warm air at the top of the ventilator. The thermal break separates the inner and outer slider, which results in an insulating layer of air, reducing the risk of condensation.

## EXTRACTION

- **THK170** : This discrete flap ventilator with built-in insect mesh is placed in the highest and warmest point of the conservatory's roof. This favours the extraction of hot and humid air using natural convection. This patented natural extraction system has been designed to prevent the risks of water infiltration (in normal conditions). The THK170 ventilator can be placed on aluminium, wooden or PVC conservatory-structures as well as structures with sandwich panels. It is very easy to install, and can be mounted on any conservatory roof with a minimum gradient of 5° or on vertical walls.
- **AIRTOP®** : In order to reach a healthy and comfortable climate in your conservatory, RENSON® offers the ideal solution which is compact, burglarproof, insect-proof and watertight. Moreover AIRTOP® offers you the possibility to control the air circulation with this motorised ventilator. The air remains fresh and the environment feels more pleasantly because of the air circulation.

## SUNPROTECTION

- **FIXSCREEN®** : Vertical sunscreen that is wind-resistant and insect-proof. Thanks to its patented zip system, this screen is wind-resistant in any position and makes flapping and tearing fabrics a thing of the past. Exterior sun protection is also more efficient than interior protection or curtains because the hot rays of the sun are blocked before they reach the glass. The FIXSCREEN® can be made to measure up to 18m<sup>2</sup>.
- **VEGASCREEN®** : Veranda sunprotection screen with elegant design. Its slim box perfectly suits the latest glass construction techniques and is an ideal match with all architectural styles. VEGASCREEN® is applicable with all inclined glazing panels such as verandas, greenhouses and winter gardens.
- **TOPFIX®** : Horizontal or inclined sunsreen that uses a revolutionary new technology, a combination of our celebrated FIXSCREEN® technology and the Dyneema® tension system. The result is unrivalled fabric tension. The compact box fits perfectly in your architecture. This sunsreen blocks the heat from all horizontal or inclined glazing such as light panels, skylights and small conservatories.



© Renson Ventilation NV, Waregem, 2009

All rights reserved. No part of this publication may be reproduced, stored in an automated retrieval system or made available in any form or in any way, whether electronic or mechanical, including photocopying, recording or any other manner without the prior written permission of the author.

Conditional technical changes. The most recent edition of the brochure can be downloaded on [www.renson.eu](http://www.renson.eu)

**RENSON Contact - Export Dept.** : Tel. 0032 56 62 71 11 • [export@renson.net](mailto:export@renson.net)

**RENSON® BELGIUM** • Industriezone 2 Vijverdam • Maalbeekstraat 10 • Belgium  
8790 Waregem • Tel. 0032 (0)56 62 71 11 • Fax 0032 (0)56 60 28 51 • [www.renson.eu](http://www.renson.eu)



Creating healthy spaces