

N A T U R A L   E X T R A C T I O N   F O R   C O N S E R V A T O R I E S

# THK170

- Natural ventilation for conservatory roofs
- Hot air extraction using natural convection
- No risk of water infiltration
- Installation on aluminium, PVC and wooden conservatory structures
- Available in all RAL colours



# THK170

## INTRODUCTION

To facilitate and improve the natural ventilation of conservatories, RENSON has developed a new ventilator: the THK170.

This discrete flap ventilator 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. Ventilators placed in the lower part of the vertical frame assure a natural supply of fresh air.

This patented natural extraction system has been designed to prevent the risks of water infiltration (in normal conditions).

With the THK170, you no longer have to open up windows for ventilation, avoiding the risk of burglary. Thanks to its built-in insect mesh, it's insect-proof.

The THK170 ventilator can be placed on aluminium, wooden or PVC conservatory-structures as well as structures with sandwich panels. Is is very easy to install, and can be mounted on any conservatory roof with a minimum gradient of 5° or on vertical walls.

The THK170 is also suitable for installation on swimming pool covers.

Patent pending EP08162500.6



## PRODUCT

### Material

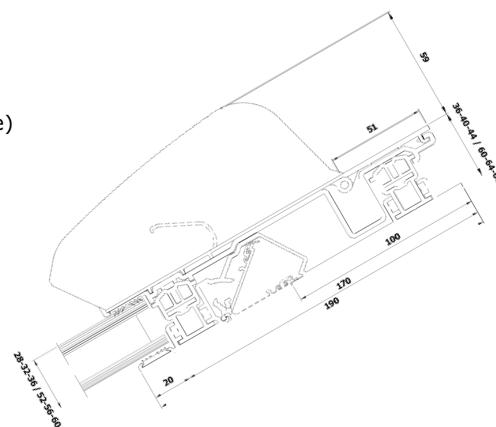
- Inside and outside profile: aluminium AlMgSi 0.5 (according to EN 12020-2)
- Finishing: powdercoated in any RAL colour (60-70 micron) (dual colour possible)
- Endcaps in ASA polymer type Luran S (colourfast, weather- and UV-resistant)
- Standard endcaps available in black, gray or white, but also available in other colours upon request

### Dimensions

- Glass reduction: 170 mm
- Height: 190 mm
- Exterior height: 64 mm
- Glass thickness: 28, 32 or 36 mm
- Thickness sandwichpanel: 52, 56 or 60 mm
- Available in bar lengths (6000 mm)
- Maximum length: 1500 mm

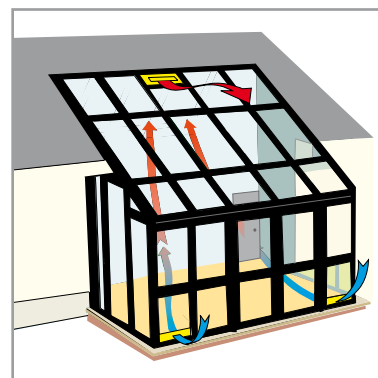
### Control

- Manual or hook-up rod



## TECHNICAL FEATURES

	THK170
<b>AIRFLOW</b>	(EN 13141-1)
Q at 2 Pa	65 m <sup>3</sup> /h/m
Q at 20 Pa	205 m <sup>3</sup> /h/m
<b>COMFORT</b>	(EN 10077-2, EN 1026, EN 1027)
U-value (glass thickness 28 mm)	3,6 W/m <sup>2</sup> K
U-value (thickness sandwichpanel 60 mm)	3,0 W/m <sup>2</sup> K
Watertightness in closed position	650 Pa
Watertightness in open position	50 Pa
Windtightness	650 Pa
Self-regulating	no



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RENSON reserves the right to make technical changes to the products shown.

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