

Conservatory vent > THK170

THK170

Natural extraction for conservatories

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 conservatory assure a natural supply of fresh air. This patented natural extraction system has been designed to prevent water infiltration (in normal conditions).

With the THK170, you no longer have to open up windows for ventilation, thus 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 very easy to install, and can be mounted on any conservatory roof with a minimum gradient of 5° or on vertical walls.



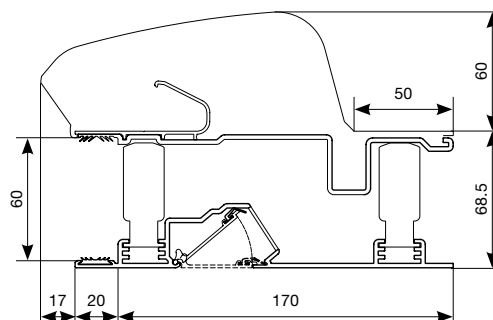
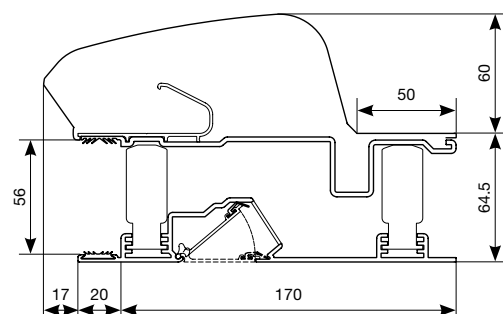
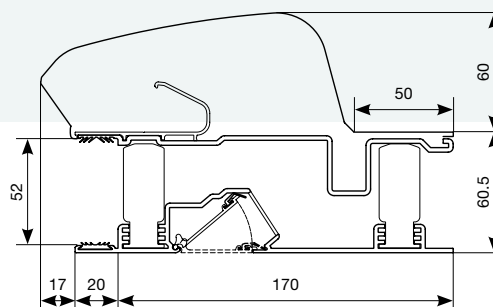
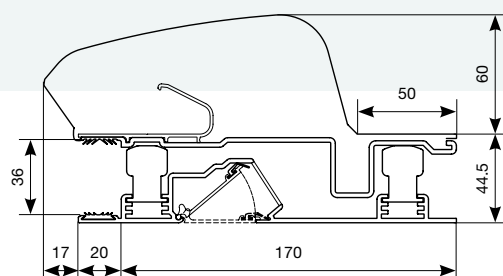
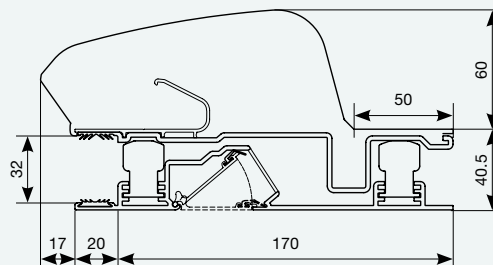
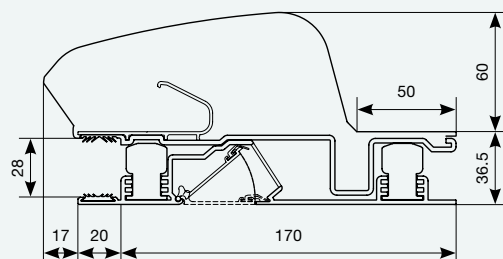
The THK170 is also suitable for installation on swimming pool covers.

This ventilator, installed in the top of the roof is discrete and improves the comfort and aesthetics of the conservatory.



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Section detail

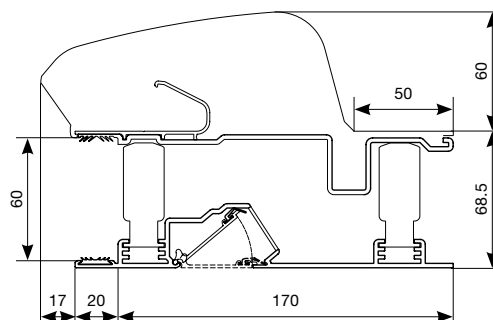
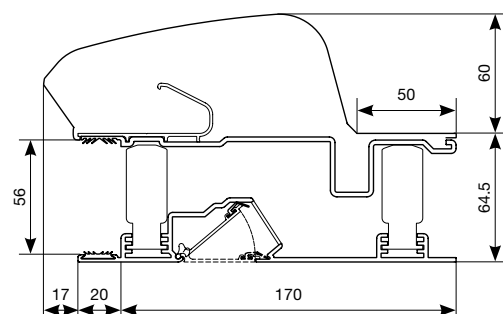
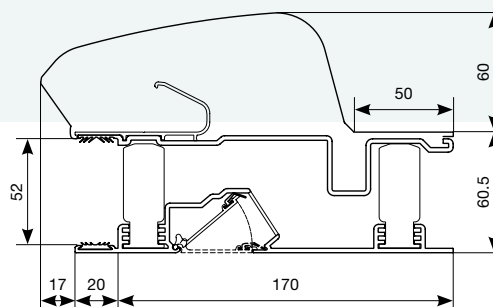
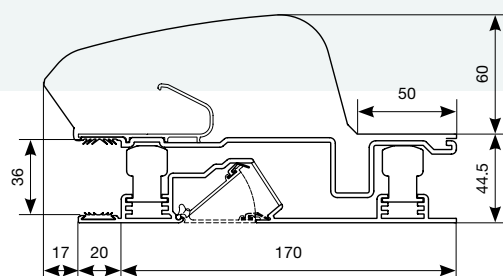
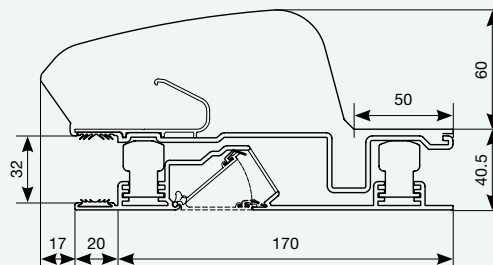
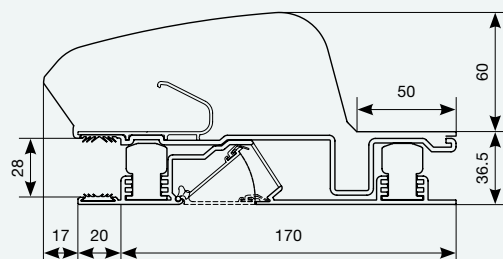


Technical specifications

	THK170
AIRFLOW	
Q at 2 Pa	64,8 m³/h/m
Q at 2 Pa	18,0 l/s/m
Q at 1 Pa	12,7 l/s/m
Equivalent area	16188 mm²/m
COMFORT	
Sound reduction $D_{n,e,w} (C; C_{tr})$	
- in open position	26 (0;-1) dB
- in closed position	43 (-1;-3) dB
TECHNICAL CHARACTERISTICS	
Controllable	Open/close
U-value (glazing thickness 28 mm)	3,6 W/m²K
U-value (thickness sandwich panel 60 mm)	3,0 W/m²K
f value	0,6
Self-regulating	No
Self-regulating class	P0
Airflow leakage at 50 Pa	<15% (in closed position)
Insect mesh	Yes
Watertightness in closed position, up to	650 Pa
Watertightness in open position, up to	50 Pa
Thermally broken	Yes

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