



Creating healthy spaces



Oxyvent®

Natural extraction for conservatories

Oxyvent®

To optimise the comfort in your conservatory, Renson developed a new patented extraction ventilator: Oxyvent. This new thermally broken window ventilator is installed in the highest and warmest point of the conservatory's roof, which increases the **extraction of hot and humid air**. Window ventilators placed in the lower part of the conservatory assure a natural supply of fresh air.

Advantages:

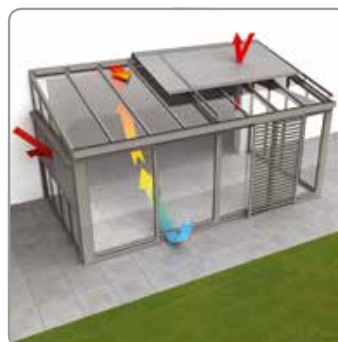
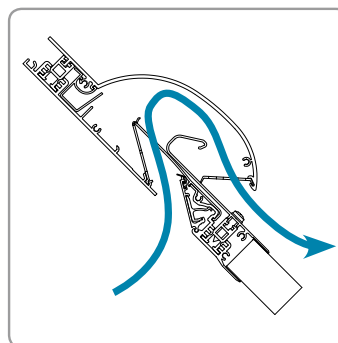
- Fast and easy installation:
 - ventilator all round same thickness as the glass
 - can be mounted glazed-in / on sandwich panel as from 28 mm up to 86 mm (by steps of 2mm)
 - can be mounted on any conservatory roof with minimum gradient of 5° or on vertical walls
- Aesthetical solution thanks to reduced height exterior cap
- Burglar proof: burglar safe ventilation even with closed windows!
- Insect-proof thanks to integrated insect mesh
- With optional motorized internal flap (available end 2014)

Material:

- Inner- and outer profile: Aluminium AlMgSi 0.5 (according to EN 12020-2)
- Finishing: Powercoated in any RAL colour (60-80 micron) (bicolor possible)
- End caps in Lucran S ASA polymer (colourfast, weatherproof and UV-resistant)
- End caps available in grey, black or white (other colours upon request)

Technical characteristics

Oxyvent®	
Airflow	
Equivalent area	15058 mm ² /m
Q at 1 Pa	11,8 l/s/m
Q at 1 Pa	42,6m ³ /h/m
Q at 2 Pa	16,7 l/s/m
Q at 10 Pa	37,42 l/s/m
Q at 20 Pa	52,9 l/s/m
Comfort	
Sound reduction D _{n,e,w} (C;C _{tr})	
- in open position	27 (-1;-2) dB
- in closed position	40 (0;-2) dB
Technical characteristics	
Controllable internal flap	Continuous adjustment
Control options internal flap	Manual, rod, motor
U value	Up to 2,8 W/m ² K
Air leakage at 50 Pa	<15% (in closed position)
Watertightness in closed position, up to	650 Pa
Watertightness in open position, up to	50 Pa
Dimensions	
Glass reduction	210 mm
Height exterior cap	50 mm
Thickness glass / sandwich panel	28 - 86 mm (by steps of 2 mm)
Max. length	1500 mm
Slope	(from horizontal 5° to vertical)



Dealer

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RENSON® reserves the right to make technical changes to the products shown. The latest brochures may be downloaded from www.renson.eu

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