



AK80^{EVO}









Introduction

The AK80^{EVO} is a thermally broken acoustic vent with a pleasing compact design. This ventilator is the self-regulating version of the AK80, and therefore ensures the supply of fresh and healthy air without any draughts. The integrated "i-Flux® technology" guarantees an optimal comfort and minimal energy loss. Four different types are developed, each with their specific airflow and sound insulation. The AK80^{EVO} is typically installed at transom (glazed-in installation optionally possible) and suits for all window types (aluminium, wood, uPVC).



i-Flux® technology: self-regulating (constant airflow) + manually adjustable interior flap (controllable airflow) + incoming air deflected upwards

Product

- Suits for all window types: aluminium, wood and uPVC
- Available in 4 versions, each with their own airflow and sound insulation
- Thermally broken: no cold air transfer from outside to inside
- Integrated insect mesh
- Controls: manually, cord, rod, motor
- · Easy to clean thanks to removable interior flap

Technical specifications

	AK80 ^{EVO} /1	AK80 ^{EVO} /2	AK80 ^{EVO} /3	AK80 ^{EVO} /4
Airflow				
Q at 1 Pa	0,6 l/s/m	0,9 l/s/m	1,3 l/s/m	4,1 l/s/m
Q at 1 Pa	2,0 m³/h/m	3,2 m³/h/m	4,7 m³/h/m	14,8 m³/h/m
Q at 2 Pa	1,1 l/s/m	1,7 l/s/m	2,1 l/s/m	6,6 l/s/m
Q at 10 Pa	3,5 l/s/m	5,4 l/s/m	6,6 l/s/m	20,5 l/s/m
Q at 20 Pa	3,7 l/s/m	5,8 l/s/m	6,3 l/s/m	19,6 l/s/m
Komfort				
Sound reduction $D_{n,e,w}$ (C;C _{tr})				
- in open position	47 (0;-3) dB	44 (-1;-4) dB	41 (-1;-3) dB	33 (-1;-2) dB
- in closed position	51 (-1;-3) dB	n.p.d.	n.p.d.	n.p.d.
Technical characteristics				
Self-regulating	yes, as from 8 Pa			
Thermally broken	yes			
Controllable internal flap	5 positions			
U-value	2,3 W/m ² K	2,3 W/m²K	2,3 W/m²K	2,1 W/m²K
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			
Insect mesh	yes			
Dimensions				
Height	80 mm (height of the box) / 126 mm (total height with flanges)			
Max. length	2000 mm			











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

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