Invisivent® *EVO* HR < Acoustic overframe flap ventilators

The most discrete, self-regulating and sound-absorbing overframe flap ventilator for high rise applications

The new Invisivent® *EVO* HR provides the ideal solution for wind-impacted applications such as high-rise buildings (up to 45 m) and apartment buildings on the coast.
The Invisivent® *EVO* HR contains acoustic material, that muffles external noises as much as possible (e.g. wind, seagulls, traffic), which increases user comfort. The presence of various types of sound damping foam in the inside profile provides 2 possible levels of sound insulation (Basic or High). In addition to that, the rain cap, which is mounted as standard, ensures perfect water-resistance in even the most extreme conditions. Extra mounting screws and clips guarantee satisfactory stability and sturdiness of the entire window.
The unique Invisivent® *EVO* HR combines its functionality with maximum respect for the architecture since it can be positioned on the window frame, behind the wall.

Ideal for wind impacted applications up to 45 m (coast and high rise building situations)

Installation on top of the window frame
The Invisivent® *EVO* HR is a thermally broken window ventilator that is installed on top of the aluminium, timber or PVC window frame. This almost invisible installation guarantees maximum light penetration as the glass size is not reduced.

Thermally broken
No cold air transfer from outside to inside.

i-Flux®
Thanks to its self-regulating flap, the Invisivent® *EVO* HR ensures the supply of fresh and healthy air without draughts. Moreover, the interior profile deflects the incoming air upwards, causing an optimal spread of fresh air in the room.

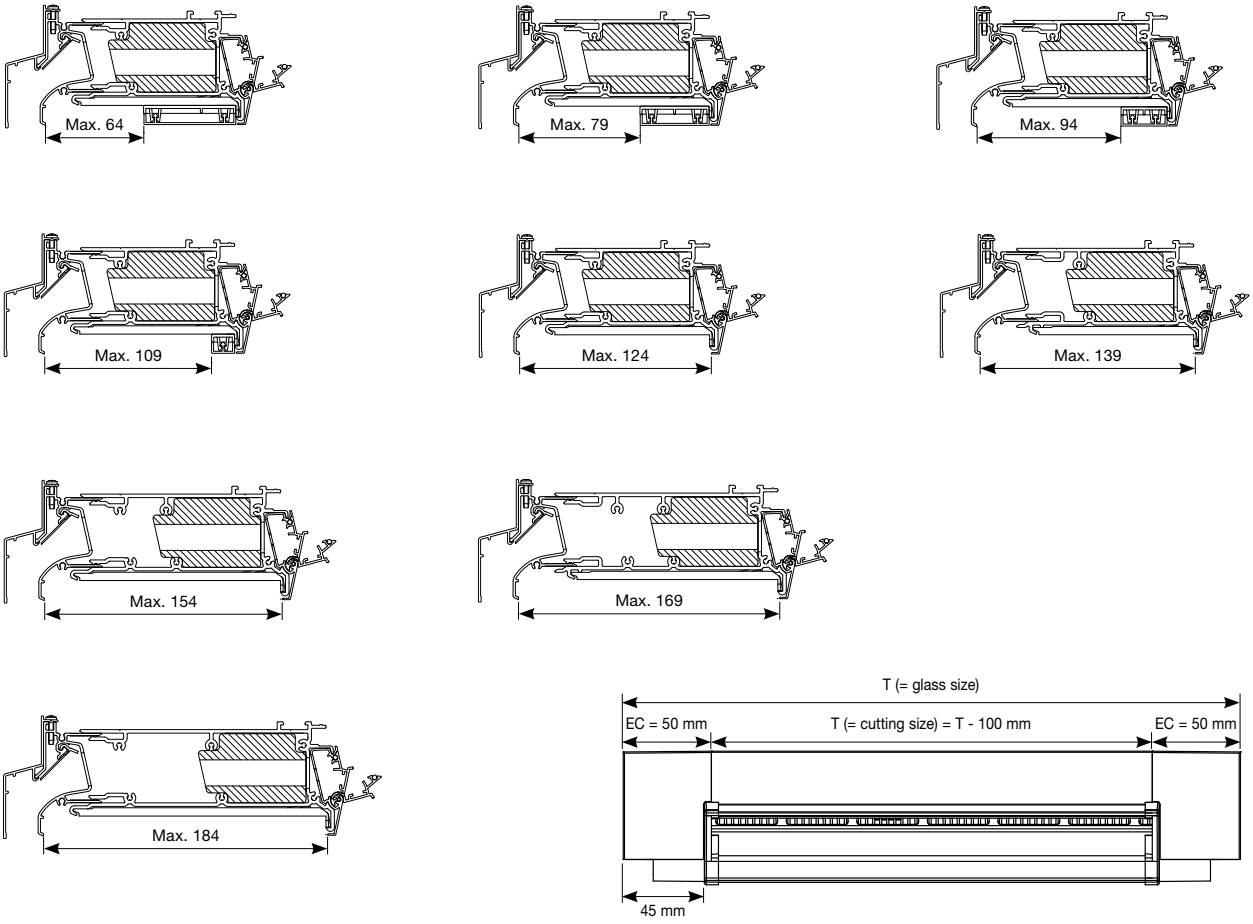
Sound absorbing
In open position:
Invisivent® *EVO* HR Basic: 34 (0;-1) dB
Invisivent® *EVO* HR High: 39 (0;-1) dB

Removable acoustic foam

Insect mesh

Burglar proof
The Invisivent® *EVO* range meets the requirements of burglary resistance class 2 according to standard prEN 1627 to 1630, and therefore suits to be used on a window class WK2.

Section detail Invisivent® EVO HR Basic



Technical characteristics

	Invisivent® EVO HR Basic
Airflow	
Equivalent area	13489 mm²/m
Q at 1 Pa	10,6 l/s/m
Q at 1 Pa	38,2 m³/h/m
Q at 2 Pa	15,9 l/s/m
Q at 10 Pa	17,9 l/s/m
Q at 20 Pa	16,0 l/s/m
Comfort	
Sound reduction $D_{n,e,w}$ ($C;C_{tr}$)	
- in open position	34 (0;-1) dB
- in closed position	57 (-1;-4) dB
Technical characteristics	
Controllable internal flap	16 stepped positions
Control options internal flap	Manual, cord, rod, motor
U value	2,0 W/m²K
Air leakage at 50 Pa	<15% (in closed position)
Watertightness in closed position, up to	1200 Pa
Watertightness in open position, up to	250 Pa
Dimensions	
Glass reduction	0 mm
Height	65 mm
Depths window frame	50 up to 184 mm (or more upon request)
Max. length	6000 mm

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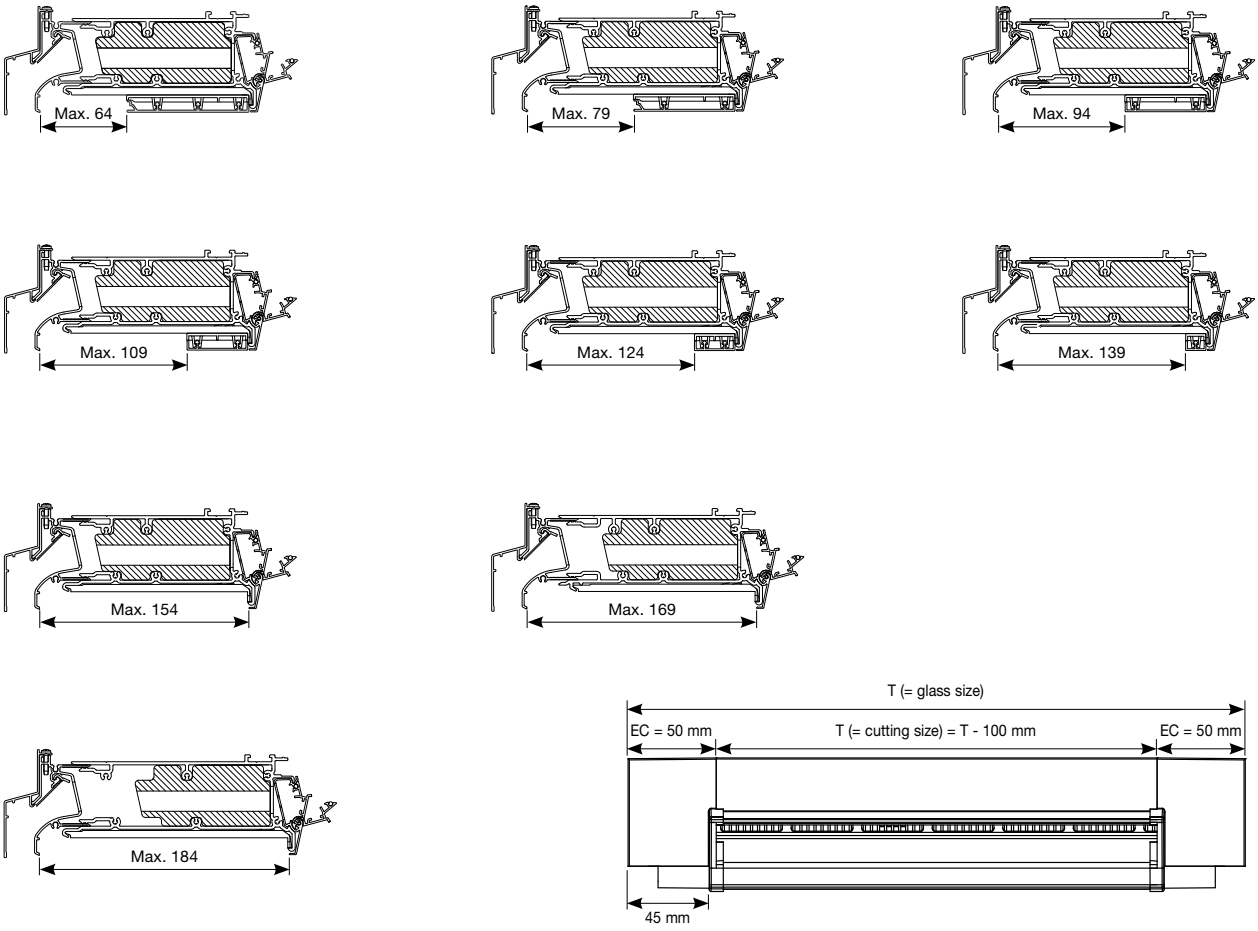
Section detail Invisivent® *EVO* HR High



Technical characteristics

	Invisivent® *EVO* HR High
Airflow	
Equivalent area	9349 mm²/m
Q at 1 Pa	7,3 l/s/m
Q at 1 Pa	26,5 m³/h/m
Q at 2 Pa	11,6 l/s/m
Q at 10 Pa	14,0 l/s/m
Q at 20 Pa	11,8 l/s/m
Comfort	
Sound reduction $D_{n,e,w}$ ($C;C_{tr}$)	
- in open position	39 (0;-1) dB
- in closed position	62 (-2;-6) dB
Technical characteristics	
Controllable internal flap	16 stepped positions
Control options internal flap	Manual, cord, rod, motor
U value	2,2 W/m²K
Air leakage at 50 Pa	<15% (in closed position)
Watertightness in closed position, up to	1200 Pa
Watertightness in open position, up to	250 Pa
Dimensions	
Glass reduction	0 mm
Height	65 mm
Depths window frame	50 up to 184 mm (or more upon request)
Max. length	6000 mm