Invisivent® *EVO* UT < Acoustic overframe flap ventilators

The most discrete, self-regulating and sound-absorbing overframe flap ventilator for utility buildings

The Invisivent® *EVO* UT is the acoustic version of the Invisivent® *EVO* that has been especially developed for utility buildings. Its self-regulating flap only starts working at a wind pressure of 10 Pa (instead of at 2 Pa as for the other Invisivent® *EVO* vents), ensuring a constant higher level of basic ventilation. **This type of window ventilation is only suitable for utility applications in which both the natural supply and mechanical extraction are located in the same room.**

Window depth < 140 mm: Invisivent® *EVO* UT + special extension profile (>140 mm, an adapted PVC interior profile is used)

Utility buildings

Installation on top of the window frame
The Invisivent® *EVO* UT 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* UT ensures the supply of fresh and healthy air without draughts. The self-regulating flap only starts working at a wind pressure of 10 Pa (instead of at 2 Pa). Moreover, the interior profile deflects the incoming air upwards, causing an optimal spread of fresh air in the room.

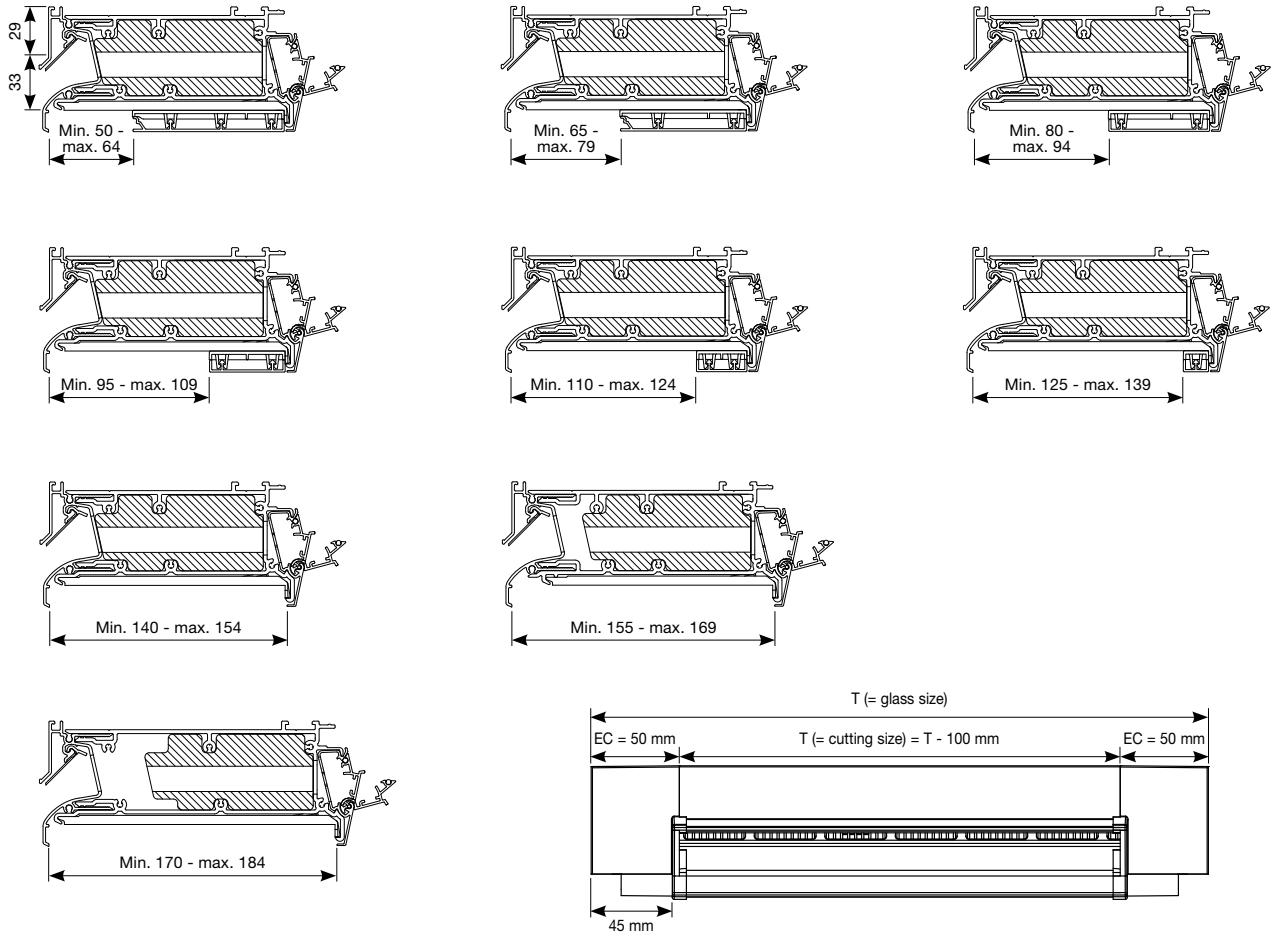
Sound absorbing
Invisivent® *EVO* UT: 39 (0;-1) dB in open position

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 UT



Technical characteristics

	Invisivent® EVO UT
Airflow	
Equivalent area	10092 mm²/m
Q at 1 Pa	7,9 l/s/m
Q at 1 Pa	28,6 m³/h/m
Q at 2 Pa	12,3 l/s/m
Q at 10 Pa	30,7 l/s/m
Q at 20 Pa	33,6 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	5 stepped position
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	900 Pa
Watertightness in open position, up to	150 Pa
Dimensions	
Glass reduction	0 mm
Height	62 mm
Depths window frame	50 up to 184 mm (or more upon request)
Max. length	6000 mm