

Sonoslot®

Self-regulating acoustic slotvent kit

The Sonoslot® is a self-regulating, sound absorbing slotvent kit consisting of an external slotvent, internal slotvent and a plastic sleeve with integrated sound absorbing baffle in-between. The Sonoslot® is available in 4 sizes: 275 mm, 375 mm, 475 mm and 700 mm.

The aluminium external slotvent is self-regulating. This keeps the airflow fairly uniform in strong winds and prevents draughts. The external slotvent is perforated and also acts as an insect mesh screen. The noise-damping baffle, made of sound absorbing foam, is standard 70 mm thick and the plastic sleeve is standard 90 mm thick, but both can be easily adapted to suit different window frame depths. The small, narrow and discrete aluminium internal slotvent can be completely closed. When open, it deflects the airflow upwards to prevent direct draughts. The Sonoslot® is also available with permanently open clips.

i-Flux®

Thanks to the self-regulating flap in its exterior slotvent, the Sonoslot® 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

Sonoslot®: up to 38 (0;0) dB in open position

Insect mesh



Technical characteristics				
	Sonoslot® 275 mm	Sonoslot® 375 mm	Sonoslot® 475 mm	Sonoslot® 700 mm
Airflow				
Equivalent area	1273 mm ²	1607 mm ²	2121 mm ²	3181 mm ²
Q at 1 Pa	1,0 l/s	1,3 l/s	1,7 l/s	2,5 l/s
Q at 1 Pa	3,6 m ³ /h	4,5 m ³ /h	6,0 m ³ /h	9,0 m ³ /h
Q at 2 Pa	1,4 l/s	1,7 l/s	2,3 l/s	3,4 l/s
Q at 10 Pa	3,2 l/s	4,0 l/s	5,3 l/s	8,0 l/s
Q at 20 Pa	3,3 l/s	4,2 l/s	5,6 l/s	8,4 l/s
Comfort				
Sound reduction D _{n,e,w} (C;C _{tr})				
- in open position	38 (0;0) dB	37 (0;0) dB	36 (0;0) dB	34 (0;0) dB
- in closed position			n.p.d.	
Technical characteristics				
Controllable internal flap	Continuous adjustment			
Control options internal flap	Manual			
U value	1,4 W/m ² .K			
Air leakage at 50 Pa	< 15 % in closed position			
Watertightness in closed position, up to	n.p.d.			
Watertightness in open position, up to	n.p.d.			
Dimensions				
Height	35 mm			
Length	275 mm	375 mm	475 mm	700 mm
Slotsize opening	(105,5 x 16) + 24 + (105,5 x 16)	(105,5 x 16) + 14,3 + (105,5 x 16) + 14,3 + (105,5 x 16)	(105,5 x 16) + 7,5 + (105,5 x 16) + 7,5 + (105,5 x 16) + 7,5 + (105,5 x 16)	(105,5 x 16) + 7,5 + (105,5 x 16) + 7,5 + (105,5 x 16) + 7,5 + (105,5 x 16) + 7,5 + (105,5 x 16)
Length acoustic foam	2 x 103 mm	3 x 103 mm	4 x 103 mm	6 x 103 mm
Depth acoustic foam	70 mm			
Depth plastic sleeve	90 mm			