

Ventair Higroster Akustik



Acoustic air intake designed to be virtually noiseless. It muffles almost all external noise, letting only the air in, much more air.

Two stage acoustic attenuator of the Akustik air intake combined with Higroster controller effectively muffles sounds up to 43 dB while maintaining the nominal air flow of 28,4 m³/h.

A unique combination of high flow and perfect acoustic attenuation makes it possible to use less trickle vents, while maintaining optimum operation of the ventilation.



**Space
of comfort**

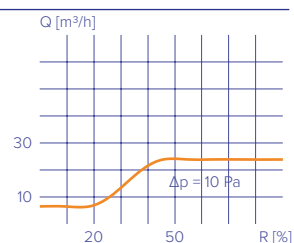
Technical Specifications

Akustik Higroster is a two stage trickle vent controlled with both pressure difference and air humidity. Before the controlled air flow reaches your interiors, it first passes through a pressure controlled air intake and then through a humidity-controlled throttle.

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| Nominal flow [m ³ /h] | $\Delta p = 10 \text{ Pa}$ | $\Delta p = 20 \text{ Pa}$ |
|----------------------------------|----------------------------|----------------------------|
| trickle vent open | 28,4 | 41,4 |
| trickle vent closed | 7,1 | 10,1 |

Flow characteristics



Acoustic insulation

*air intake placed 15 mm in the insulation layer

| | |
|---------------------|--------------------------------------|
| trickle vent open | $D_{n,e,w} = 43 \text{ (0; -2) dB}$ |
| trickle vent closed | $D_{n,e,w} = 44 \text{ (-1; -3) dB}$ |

Control

two stage automated with air humidity and pressure difference, manual

Resistance to penetration by rainwater

450 Pa

Resistance to condensation

$RH = 39\% \text{ at } T_{ext.} / T_{int.} = -20^{\circ}\text{C} / +20^{\circ}\text{C}$

Materials

aluminium, ABS/ASA

Range of application

wood window framing, PVC

Colors

RAL palette

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