



Ventair TRDn 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 TRDn controller effectively muffles sounds up to 48 dB when closed.

With automated pressure difference control, Ventair TRDn Akustik ensures an optimum, healthy climate inside the house, while minimizing energy consumption as far as possible.



**Space
of comfort**

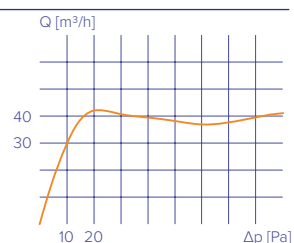
Technical Specifications

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. Less trickle vents means better acoustic attenuation and higher savings. That's simple!

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Nominal flow [m ³ /h]	$\Delta p = 10 \text{ Pa}$	$\Delta p = 20 \text{ Pa}$
trickle vent open	29,6	42,4
trickle vent closed	7,9	11,4

Flow characteristics



Acoustic insulation

*air intake placed 15 mm in the insulation layer

trickle vent open	$D_{n,e,w} = 43 (-1; -2) \text{ dB}$
trickle vent closed	$D_{n,e,w} = 48 (0; -3) \text{ dB}$

Control

automated with pressure difference, manual

Resistance to penetration by rainwater

450 Pa

Resistance to condensation

$RH = 32\%$ 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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