

## Ventair Higroster



The controller mechanism is based on a small, precise device which measures relative humidity in the room and directly adjusts the air flow while adapting the ventilation performance to the humidity level.

Ventair Higroster is the first and the only trickle vent with humidity control and an aluminium body.

The unique design and the materials used not only make it possible to detach the hygrometer but also ensure additional stabilization of the flow rate.



**Space  
of comfort**

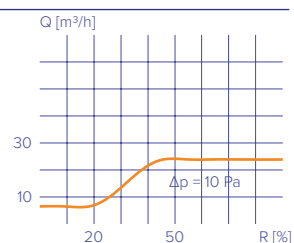
# Technical Specifications

The heart of the device is a removable hygrometer, which controls the air flow according to the air humidity. The flow rate stabilization function prevents excessive ventilation even during strong wind.

## Ventair Higroster

Nominal flow [m <sup>3</sup> /h]	$\Delta p = 10 \text{ Pa}$	$\Delta p = 20 \text{ Pa}$
trickle vent open	26,1	38,0
trickle vent closed	5,7	8,4

### Flow characteristics



### Acoustic insulation

trickle vent open	$D_{n,e,w} = 34 \text{ (-1; -1) dB}$
trickle vent closed	$D_{n,e,w} = 37 \text{ (0; -1) dB}$

<b>Control</b>	automated with air humidity, manual
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<b>Resistance to penetration by rainwater</b>	300 Pa
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<b>Resistance to condensation</b>	$RH = 33\% \text{ at } T_{ext.} / T_{int.} = -20^{\circ}\text{C} / +20^{\circ}\text{C}$
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<b>Materials</b>	aluminium, ABS/ASA
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<b>Range of application</b>	wood window framing, PVC
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<b>Colors</b>	RAL palette
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