



## Urbino TRDn

### Healthy interior climate



Anti-pollution and anti-allergic filter, acoustic attenuator and automated control of air flow. Everything what's best – now in a single device.

Acoustic attenuator of the Urbino air intake combined with TRDn controller effectively muffles sounds up to 48 dB when closed. Everything is kept under control with a precise automated pressure controller. It brings you savings!

Urbino air intake can replace any air intake and fits any trickle vent, regardless of its manufacturer.



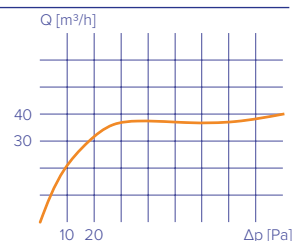
# Technical Specifications

Urbino filters 100% of air which enters the room, stopping up to 99% of PM10 and up to 80% of PM2.5 depending on the selected filter type. Replacing a worn filter is extremely simple and intuitive.

## Urbino TRDn

Nominal flow [m <sup>3</sup> /h]	$\Delta p = 10 \text{ Pa}$	$\Delta p = 20 \text{ Pa}$
trickle vent open	21,7	32,6
trickle vent closed	5,8	7,7

### Flow characteristics



### Acoustic insulation

\*air intake placed 15 mm in the insulation layer

trickle vent open	$D_{n,e,w} = 40 (-1; -2) \text{ dB}$
trickle vent closed	$D_{n,e,w} = 48 (0; -2) \text{ dB}$

<b>Control</b>	automated with pressure difference
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<b>Resistance to penetration by rainwater</b>	600 Pa
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<b>Resistance to condensation</b>	$RH = 41\% \text{ at } T_{ext.} / T_{int.} = -20^{\circ}\text{C} / +20^{\circ}\text{C}$
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<b>Materials</b>	aluminium, ABS/ASA
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<b>Range of application</b>	wood window framing, PVC, aluminium window framing
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<b>Colors</b>	RAL palette
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