



Insolio F

Effective air filtration



Anti-smog and anti-allergic filter stops up to 99% of PM10 and up to 80% of PM2.5, while providing the interior with an optimum volume of air. Insolio F provides you not only with smog protection. The filter also prevents inflow of particles larger than 0,5 micrometers, such as carbon dust, pollens or even mites and larger bacteria. Modular cassette construction enables fast replacement of a worn-out filter.



Space
of comfort

The Insolio range was designed so as to avoid milling slits when installing the trickle vent. This was solved by placing a flexible pass-through duct between the upper part of the window frame and the lintel.

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Acoustic insulation

trickle vent open	$D_{n,e,w} = 41 (-1; -3) \text{ dB}$
trickle vent closed	$D_{n,e,w} = 42 (-1; -3) \text{ dB}$

Nominal flow [m^3/h]	$\Delta p = 10 \text{ Pa}$	$\Delta p = 20 \text{ Pa}$
trickle vent open	21,2	32,2
trickle vent closed	6,0	8,9

Filtration	up to 99% PM10 up to 80% PM2.5
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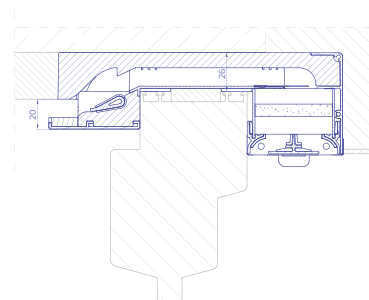
Resistance to condensation	$RH = 75\% \text{ at } T_{out.} / T_{in.}$ $= -20^\circ\text{C}/+20^\circ\text{C}$
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Control	automated with pressure difference, manual control
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Materials	Aluminium, ABS/ASA, EPP
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Installation	between the window and the lintel or the side edge of the window opening
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Colors	RAL palette
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