

INVISIVENT® AIR HIGH

Renson Ventilation, IZ 2 Vijverdam, Maalbeekstraat 10, 8790 Waregem – Belgium
Tel. +32 (0)56 62 71 11, fax +32 (0)56 60 28 51, info@renson.be www.renson.eu

PRODUCT FEATURES (text marked in red can be deleted at your discretion)

- **Type:** Thermally broken, noise-reducing, self-regulating flap vent for installation on the window
- **Acoustic comfort:**
 - **Equipped as standard with acoustic damping material** (polyurethane foam)
 - **Integrated** acoustic foam: no additional acoustic module to the inside
 - Meets **acoustic class 1** according to NBN S 01-400-1
- **Self-regulating valve (P3):**
 - Self-regulating effect at pressure differences as of **2 Pa**
 - Automatically responds to pressure differences/wind strength and cannot be influenced by the user
 - Ensures constant airflow and reduces energy losses
- Adjustable aluminium inner valve directs the airflow upwards: **Coandă effect**
- Non-punched, controllable inner valve with gripping edge: **5 positions**
- **Condensation-free**, due to the **thermally insulating** profile on the inner valve
- **Insect-proof:** invisible, perforated inner profile (3.9 x 9.8 mm)
- **Easy cleaning:** Removable inner profile + removable acoustic foam
- **Controls:** manual, cord, rod
- **Finish:**
 - **Anodised** (F1) / **powder-coated** in the same RAL colour as the window profiles / **bicolour**
 - Colour of endcaps = colour of window profile
- **Construction height:** 65 mm / visible outside opening: 33 mm
- **Recessed installation on the window profile** (0 mm glass reduction):
 - Suitable for window profile thicknesses of 50 to 202 mm (and thicker on request)
 - Completely recessed installation **both indoors and outdoors** (completely invisible)
 - Optional **designer outer cover** available
- **Perfect airtight connection** to the window profile due to **coextruded, flexible sealing** over the entire length of the window ventilation, including the endcaps.
- **Installation:**
 - **Directly** anchor the window ventilation to the window with **screws**
 - Screw zone provided in the PVC body
 - **Additional screw zone** through the aluminium outer profile makes it possible to anchor the product at any time without damaging the thermal bridge of the window profile
 - Quick and easy installation due to the **monobloc** principle
 - Guaranteed **stability** of window and louvre due to monobloc principle + **additional reinforcement with screws** in body (every 280 mm)
 - Integrated **Euronut dowel slot** for good anchoring to the wall
- **Flexible and aesthetic interior finishing:**
 - Airtight wet plastering: easy to do due to removable vertical rib, which allows a standard plaster profile (commercially available) to be used.
 - By removing the vertical rib, a recess is created in which an MDF board, plasterboard, or PVC panel can be placed.
 - A buffer area prevents plastering of the inner valve
- Optionally available with **Pollux filter:** for rooms with high particulate and pollen levels

APPLICATION

- Can be combined with Invisivent COMFORT in the same project due to the identical look & feel
- Dimensioned at 2 Pa: can be used in every project as standard

PERFORMANCE LEVEL

- **U value:** 1.8 W/(m²K)
- **F value:** 0.84
- **Water resistance up to:** 900 Pa in closed position
- **Water resistance up to:** 150 Pa in open position
250 Pa in open position (with design exterior cover)
- **Leakage rate at 50 Pa:** < 15% (in closed position)
- **Burglar resistance:** class 2 (if window is WK2)
- **Sound damping $D_{n,e,w}$ (C;C_{tr}):**
 - In open position: 40 (0;-2) dB
 - In closed position: 51 (-1;-3) dB

Properties:	
Airflow Q at 1 Pa	8.9 l/s/m
Airflow Q at 1 Pa	32.2 m ³ /h/m
Airflow Q at 2 Pa	12.1 l/s/m
Airflow Q at 2 Pa	43.4 m ³ /h/m
Airflow Q at 10 Pa	11.9 l/s/m
Equivalent area	11,364 mm ² /m
Airflow Q at 20 Pa	14.3 l/s/m
Self-regulating	P3
Surface area	0.065 m ² /m

Właściwości:	
Przepływ powietrza Q przy 1 Pa	8.9 l/s/m
Przepływ powietrza Q przy 1 Pa	32.2 m ³ /h/m
Przepływ powietrza Q przy 2 Pa	12.1 l/s/m
Przepływ powietrza Q przy 2 Pa	43.4 m ³ /h/m
Przepływ powietrza Q przy 10 Pa	11.9 l/s/m
Rzeczywista powierzchnia szczeliny przewietrzającej:	11,364 mm ² /m
Przepływ powietrza Q przy 20 Pa	14.3 l/s/m
Samoregulacja	P3
Powierzchnia nawiewnika	0.065 m ² /m