

NEW

EAH²

Humidity sensitive air inlet for rolling shutter casings

Specially designed for rolling shutter casings.



Humidity sensitive system:
modulates the airflow according to the local relative humidity rate.



Optional closing and opening device.



Vertical air jet for the comfort of the occupant.

Air admission hole and shutter not visible from the occupant.



Easy to install, no visible screws.



Easy to maintain: no adjustment, simple yearly-dusting.

* patent pending

Flat design for perfect integration

With its flat design and its special airtightness sleeve, the EAH² air inlet is perfectly fitted to equip rolling shutter casings. The air is admitted in the room through the top of the product, the hole and shutter are not visible for the occupant. Its mechanical sensor modulates the airflow according to the local humidity, automatically and without electricity. An optional closing and opening device is available to manually fix the airflow to the minimum or maximum, if requested. A patented* specific sleeve is proposed as accessory to increase the airflows of the standard versions.

Aesthetic integration (1)

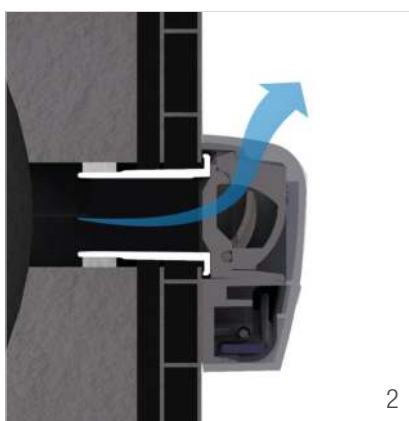
The flat and compact design of the EAH² and its non-visible top shutter favorites its aesthetic integration, especially when mounted on rolling shutter casings. Its single frame front cover makes the painting easy to adapt to colored casings or windows.

Improved airtightness through efficient accessories (2) (3)

A common issue with rolling shutter casings, notably when in PVC, is that the slot drilled on its façade for ventilation generates lateral leakages through the cells. To avoid this issue we have developed a specific sleeve, the T-EAH², that ensures the continuity between the inner part of the shutter casing and the air inlet, optimizing the acoustic and aerodynamics performance. A back seal (S-EAH²) is also proposed to adapt to specific shape of rolling shutter casing (light curve, unflat façade, etc.). This accessory is stuck at the back of the air inlet (self-adhesive seal).

Rolling shutter casings, but not only

Although first dedicated to rolling shutter casings, the EAH² can also equip windows with large top frames or transom windows.





EAH²

Humidity sensitive air inlet for rolling shutter casings

Air inlet

Standard code

Airflow characteristics

Humidity sensitive

Closing + opening device

Airflow (min.-max.) @ 10 Pa standard version

Airflow (min.-max.) @ 10 Pa with additional airflow sleeve E-EAH²

Acoustics

Dn,e,w (C ; Ctr) Acoustic attenuation @ max. opening, air inlet*

Accessories

Additional airflow sleeve

Airtightness sleeve**

Flat back seal

Characteristics

Weight

Colours

Material (main)

Installation

Slot (entraxes)

Rolling shutter casing

Transom window

Wall***

Destination room

EAH² 5-35

EHP1219

■

□

(EHP1198)

m³/h

5-35

m³/h

16-50

dB

33 (0 ; 0)

g

156

EAH² 11-35

EHP1220

■

-

11-35

24-50

33 (0 ; 0)

156

EAH² 24

EHP1221

-

-

24

38

33 (0 ; 0)

138

EAH² 35

EHP1222

-

-

35

50

33 (0 ; 0)

138

white (front color)
dark grey (shutter and technical parts)

ABS, PS

ABS, PS

ABS, PS

ABS, PS

without sleeve: 250 x 20 mm
with E-EAH² or T-EAH²: 250 x 25 mm

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bedroom / living room

* data without rolling shutter casing. This last participates to the attenuation, improving the acoustic performance

■ standard | □ optional

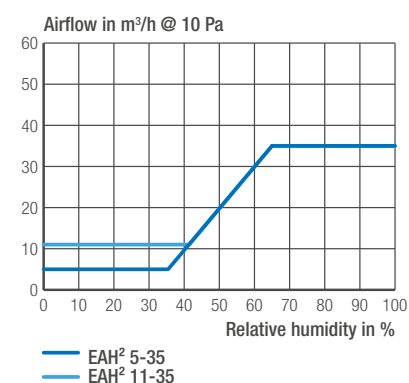
**not compatible with the E-EAH²

*** needs the use of a duct adapted to the product

Canopies

As first dedicated for rolling shutter casings, the EAH² does not require external canopy, the space between the shutter and the box of the rolling shutter casing being used as the outdoor slot for the incoming air. In the case of using a specific canopy, it must be validated that the aeraulics surface and its geometry are compatible with the slots and airflows of the air inlet.

Airflow characteristics



Dimensions in mm

