

AIR INLET
SELF-REGULATING, ACOUSTIC

anjos

inspirer le bien-être

ÉSÉÁ

15 • 22 • 30 • 45 m³/h

Slot sizes : 354 × 12 mm 250 × 15 (12) mm

Acoustic

Installation on windows

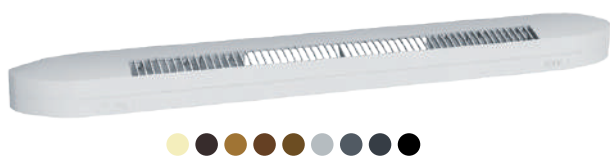


ESEA

- Acoustic performance: 30 dB(A) ($D_{n,e,w} + C_{tr} \geq 36$ dB)
Breakable segments achieve flow rates of 22 or 30 m³/h with just one ESEA 15.
- Made of white polystyrene
- Other colors : beige, bronze, light oak, golden oak, dark oak, grey, dark grey, anthracite grey, black and sipo mahogany
- Can be fitted on vertical surfaces and all leaning surfaces (roof windows, under the rolling shutter case, ...)

Presentation

ESEA self-regulating acoustic windows air inlets are designed for use in habitable rooms of dwellings to draw in fresh air from single-flow MEV systems. They ensure compliance with new ventilation regulations requiring acoustic performance (D_{nT}, A_{tr}) of 30 dB(A).



These windows inlet contain a flexible polyester strip that ensures a constant flow across a pressure range of 20 to 100 Pa. On request, ESEA windows inlets are available with a 15 m³/h flow rate and snap-off tabs to obtain a flow rate of 22 or 30 m³/h. They fit into 354 x 12 mm, 250 x 15 mm or 250 x 12 mm slots. They ensure $D_{n,e,w} + C_{tr} \geq 36$ dB sound attenuation (examples of CSTB solutions). Acoustic performance: $D_{n,e,w} + C_{tr} \geq 36$ dB, required if the square meterage of a room divided by the number of trickle vents is at least 10 m².

Indoors

ÉSÉA 45



The air inlets **ESEA 45** are fixed on the window, on a slot size **354 x 12 mm**.

L. (mm)	H. (mm)	Thk. (mm)
400	36	38

ÉSÉA 15, 22 et 30



The **ESEA 15**, **ESEA 22** and **ESEA 30** models are fixed on the window, on a slot size **354 x 12 mm**, **250 x 15 mm** or **250 x 12 mm**.

L. (mm)	H. (mm)	Thk. (mm)
400	36	38

Outdoors

CE2A outer cover is made in white ABS ASA or on request in all other colours of the range.

Installation is made on sheltered surfaces. For all other cases, please consult us.

CE2A



The outer cover **CE2A** is mounted on a slot size **354 x 12 mm**.

L. (mm)	H. (mm)	Thk. (mm)
400	23	12

CEA



The outer cover **CE2A** is mounted on a slot size **250 x 15** and **250 x 12 mm**.

L. (mm)	H. (mm)	Thk. (mm)
295	20	8

For additional sleeves or accessories, refer to our documentation on M-G self-regulating air inlets.

Installation

Indoors, The base is fixed on the window with **3 screws** into 354 × 12 mm slots and with **2 screws** into 250 × 15 mm and 250 × 12 mm slots.

The air inlet is simply fitted on the base.

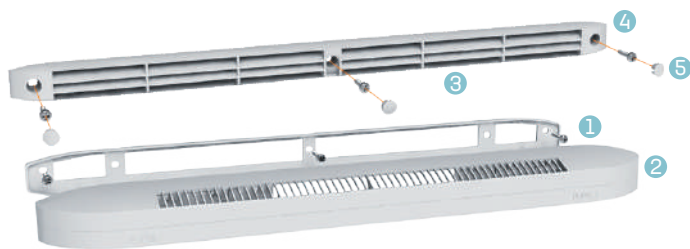
Outdoors, the outer cover type **CE2A** is screwed with **3 screws** on a slot of 354 × 12 mm. The outer cover type **CEA** is screwed with **2 screws** on a slot of 250 × 15 and 250 × 12 mm.

Optional screw caps are available to cover the screws on the outer cover.

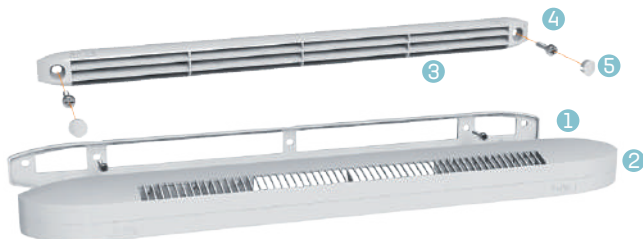
After installing the outer cover, insert the screw caps into the holes. Make sure that the slit on each screw cap is pointing towards the middle of the vent.

The screws and screw caps are available only in some kits (windows inlet + outer cover).

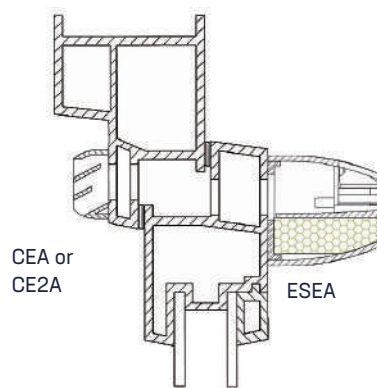
All the components must remain easily accessible for cleaning.



Assembly in a 354 × 12 mm slot



Assembly in a 250 × 15 mm or 250 × 12 mm slot

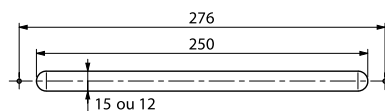
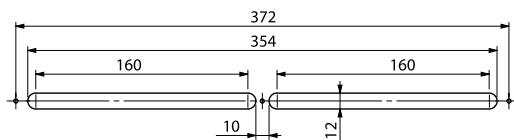


CEA or CE2A

ESEA

- 1 base
- 2 Air inlet
- 3 Outer cover
- 4 Screw
- 5 Screw caps

Slots



ESEA 45 m³/h windows inlet fit only into 354 × 12 mm slot.

Identifying the air flow

ESEA 22, 30 and 45 m³/h windows inlet : the flow rate is indicated on the two clips of the regulator element (**22, 30 and 45 markings**).

The smallest value indicates the flow rate

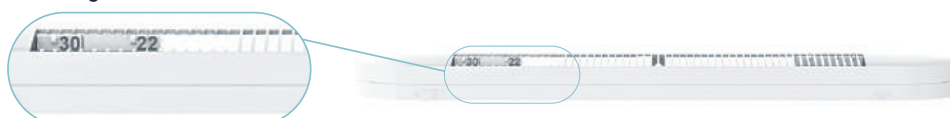
The 15 m³/h model makes it possible to achieve flow rates of 22 or 30 m³/h. To do so, carefully break the snap-off tabs at the time of fitting.

Break both breakable segments marked '15' to obtain a flow rate of 22 m³/h or both breakable segments marked '22' to obtain 30 m³/h.



The 22 m³/h model makes it possible to achieve flow rates of 30 m³/h at the time of fitting.

To do so, carefully break the two breakable segments marked '22'.

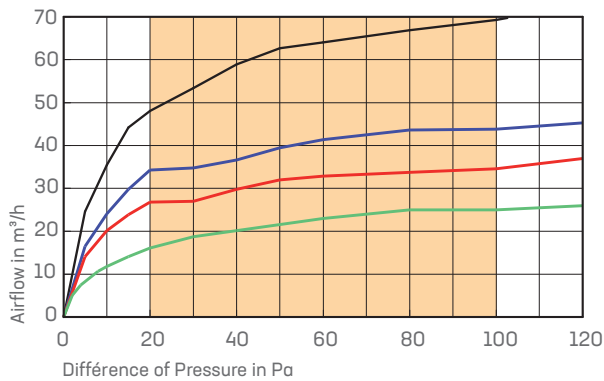


Characteristics

Air flow

The air characteristics shown below are given for a window inlet fitted in a 354 × 12 mm slot.

These window inlets comply with French standard NF E51-732 when used with outer cover.



ÉSÉA 45 + CE2A

ÉSÉA 30 + CE2A

ÉSÉA 22 + CE2A

ÉSÉA 15 + CE2A

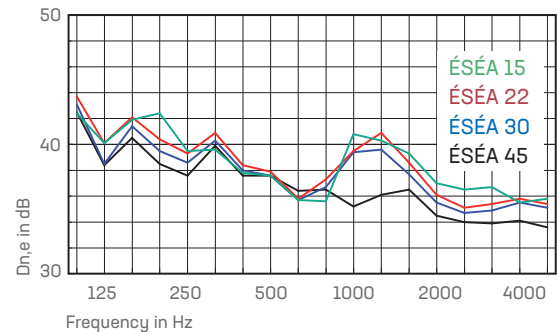
ÉSÉA 45 + CE2A ÉSÉA 30 + CE2A
ÉSÉA 22 + CE2A ÉSÉA 15 + CE2A

Acoustic

Air inlets are characterised by their acoustic performance $D_{n,e,w}$ (Ctr).

Type	$D_{n,e,w}$ (C)	$D_{n,e,w}$ (Ctr)
ÉSÉA 15 + CE2A	37 dB	37 dB
ÉSÉA 22 + CE2A	37 dB	37 dB
ÉSÉA 30 + CE2A	37 dB	37 dB
ÉSÉA 45 + CE2A	35 dB	36 dB

Similar acoustic characteristics without outer cover CE2A.



ÉSÉA 15 ÉSÉA 22 ÉSÉA 30 ÉSÉA 45

Test reports

CSTB* VE05-059 - AC05-195 and VE-AC09-26025288

* Centre Scientifique et Technique du Bâtiment (Scientific and Technical Center for Building)

Colours

RAL	9016	1013	8019	1011	8003	8024	7035	7011	7016	9011
	White	BEige	BRonze	Light Oak	Golden Oak	Dark Oak	GRey	Dark Grey	G7	Black
		BE	BR	CC	CD	CF	GR	GF	G7	NO

← See below if ordering a colour other than white.

Product codes

Description	Code
ÉSÉA 15	0187
ÉSÉA 22	0188
ÉSÉA 30	0189
ÉSÉA 45	0190

The above codes refer to white-coloured products. To order a different colour, add the two letters of the desired corresponding colour to the end of the standard product code.

Description	Code
CE2A canopy	0146
CEA canopy	0165

For example, to order a grey ÉSÉA 30 window inlet, add 'GR' to the end of product code '0189'.

