



VILPE® IO air intake element

Air intake solution



For duct sizes Ø 125-250 mm

Suitable for both left- and right-sided intake
air solutions

Exceptional rain rejection

UV protection prevents colour defects



> [VILPE.COM/IO](https://vilpe.com/io)

VILPE® IO air intake element

VILPE IO air intake element is an exterior wall-mounted product that allows the builder to conveniently direct intake air through the exterior wall. VILPE IO can be used in all types of buildings. It can direct intake air to the ventilation unit or be used as an air inlet to the basement spaces. Thanks to the ambidextrous design of the product, the same unit can be used with both left- and right-sided intake air solutions. There are two models of the VILPE IO air intake element, one for duct sizes 125 or 160 mm, the other for 200 or 250 mm.

The air intake is situated on the underside of the product, which effectively prevents water and snow from entering the element. In rain rejection tests, executed by VTT Technical Research Centre of Finland, no measurable amount of water was found in the intake air (ISO 5167-1/2:2003; EN 13030:2001).

When the moisture in the intake air is minimal, the risk of the IO air intake element freezing is small. In addition, VILPE IO has a large air intake area, which entails a smaller pressure loss. The recommended duct velocity range of use is less than 2 m/s.

With the VILPE IO air intake element, the IO product family expands. The already available VILPE IO wall element combines air intake and exhaust. IO air intake element can be combined with the IO wall element, for example, with the intake air element located on one side of the building and the exhaust air element on another. The appearance of the building remains the same on all sides.

DESIGNED FOR LONGEVITY

VILPE IO is made of durable and recyclable polypropylene (PP), an environmentally safe material. The material is UV protected and therefore the product is able to withstand harsh weather conditions and severe sunshine, without colour defects. VILPE IO air intake element tolerates a constant temperature of -30°C to $+80^{\circ}\text{C}$, as well as a short periodic temperatures of -40°C to $+120^{\circ}\text{C}$. VILPE provides the product with a 10 year colour guarantee and a 20 year technical guarantee.

VILPE IO is designed to keep the exterior of the building clean. The external design of the product minimises the typical issue of these types of products where dust and dirt accumulate on the ventilation terminal, eventually flowing down the exterior wall of the building and leading to a grimy facade.

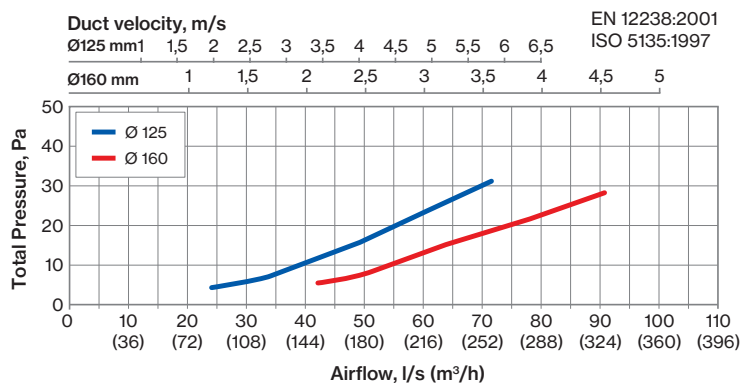
EASY TO INSTALL

It is quick and easy to install VILPE IO air intake element on the exterior wall. All screws and screw plugs are included in the package. Note that, to insure proper function of the product, nothing should be placed in front of the wall element. The IO 125/160 air intake element includes a mounting frame, while the IO 200/250 is mounted directly on the wall.

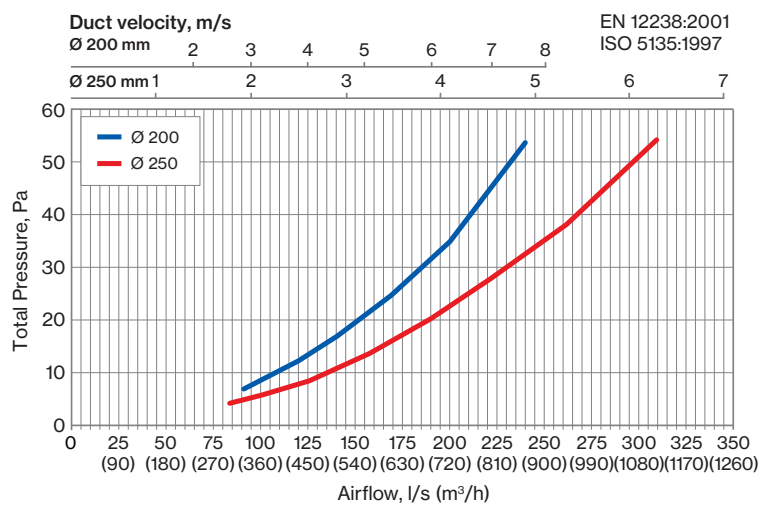


PERFORMANCE AND FLOW DATA

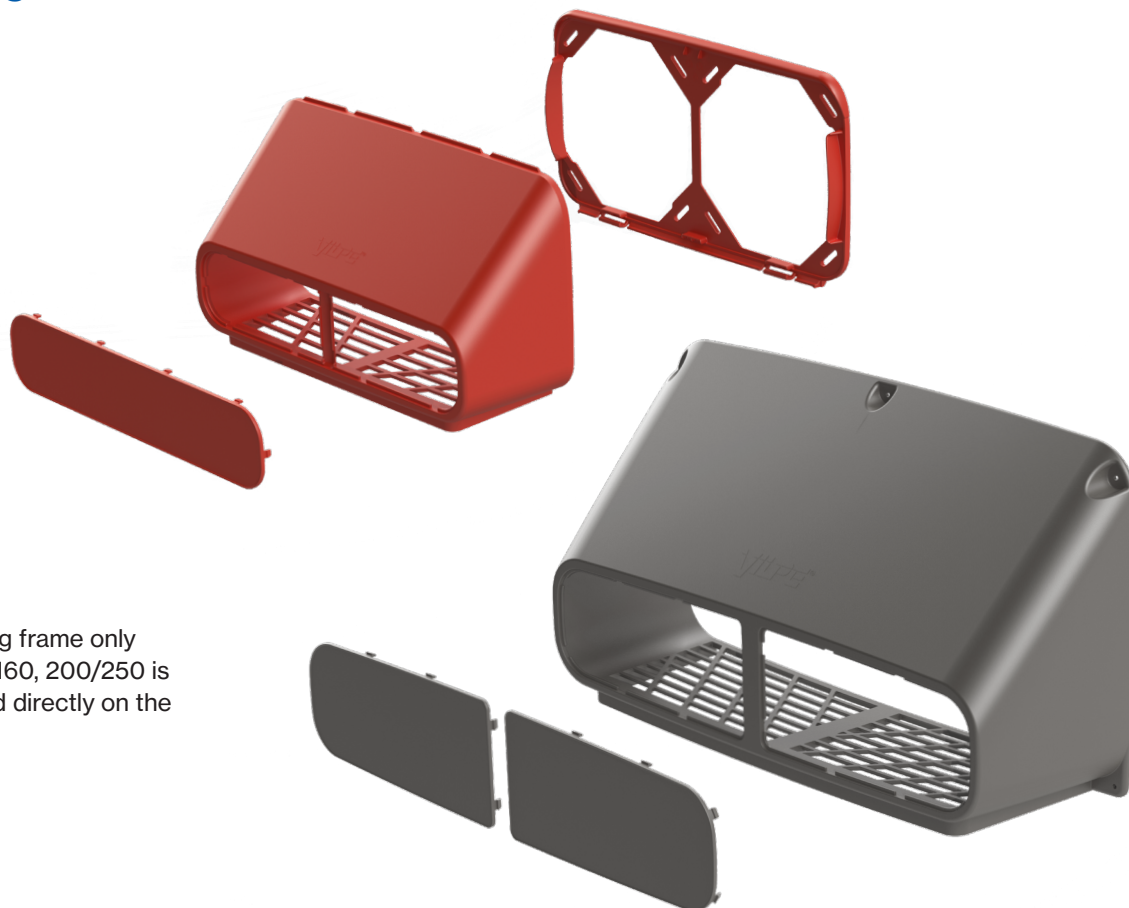
IO 125/160



IO 200/250

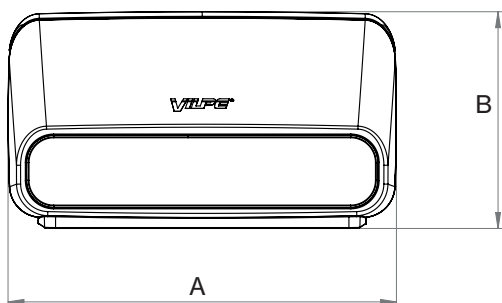


PARTS

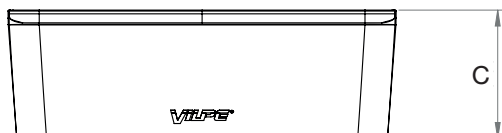


Mounting frame only for 125/160, 200/250 is mounted directly on the wall.

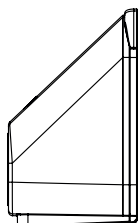
DIMENSIONS



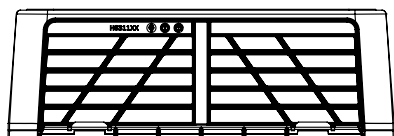
Front view



Top view



Side view




Underside view

	125/160	200/250
A	427	650
B	238	367
C	141	200

Dimensions of the IO air intake element in millimetres.

STANDARD COLOURS

- 
 Off-white
 Reference colour
 RAL 9016
- 
 Black
 Reference colour
 RAL 9017
- 
 Grey
 Reference colour
 RAL 7015
- 
 Red
 Reference colour
 RAL 3009

Inquire about specialised colour options from our sales team.

PACKAGE

Content:

- VILPE IO intake air element
- Screws and screw plugs
- Installation instructions



NAME	COLOUR	PRODUCT NO.	DELIVERY
VILPE IO 125/160 air intake element	off-white	370120	Stock
	black	370122	Stock
	grey	370127	Stock
	red	370128	Stock
VILPE IO 200/250 air intake element	off-white	370130	Order
	black	370132	Order
	grey	370137	Order
	red	370138	Order

Please note that the VILPE IO 200/250 air intake element is made upon order and is not kept in stock.