

VILPE® IO

ADJUSTABLE INTAKE AND EXHAUST AIR SOLUTION



Adjustable reduction piece for different air flows

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

UV protection prevents colour defects

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



VILPE® IO 125 & 160

SUITABLE FOR MANY TYPES OF BUILDINGS

VILPE® IO is a new exterior wall-mounted product that combines intake air and exhaust air vents into a single, state-of-the-art package. The product allows the builder to conveniently direct both intake and exhaust air through the wall. The product box includes a reduction piece, allowing adjustment of the air flow, which makes the product suitable for apartments of different sizes. In addition, thanks to the ambidextrous design of the product, the same unit can be used with both left- and right-sided intake and exhaust air solutions. VILPE® IO comes in two duct sizes, 125 and 160 mm.

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® 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 wall element on the exterior wall. All screws and screw plugs are included in the package. Note that, to insure the proper function of the product, nothing should be placed in front of the wall element. The table below shows when the reduction piece should be used. This information can also be found in the installation instructions.

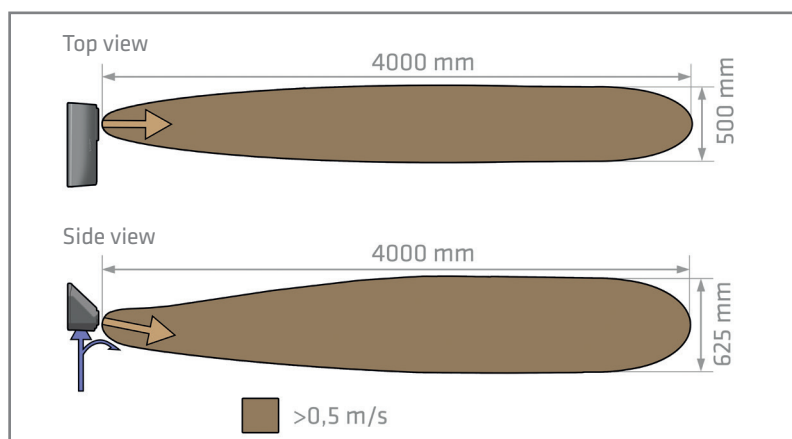
WHEN TO USE THE REDUCTION PIECE

The exhaust airflow needed to reach 5 m/s outflow velocity is listed below.

| VILPE® product | Exhaust airflow, l/s (m ³ /h) | |
|----------------|--|---------------------------|
| | Reduction piece needed | No reduction piece needed |
| IO 125 | 18-27 (65-97) | >27 (>97) |
| IO 160 | 30-44 (108-158) | >44 (>158) |

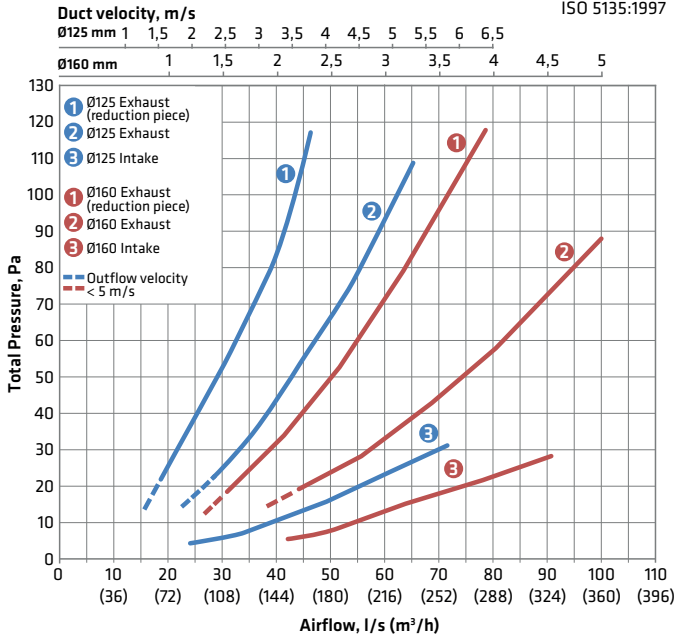
AIRFLOW PATTERN

VILPE® IO 125 without reduction piece
Airflow 30 l/s (108 m³/h)



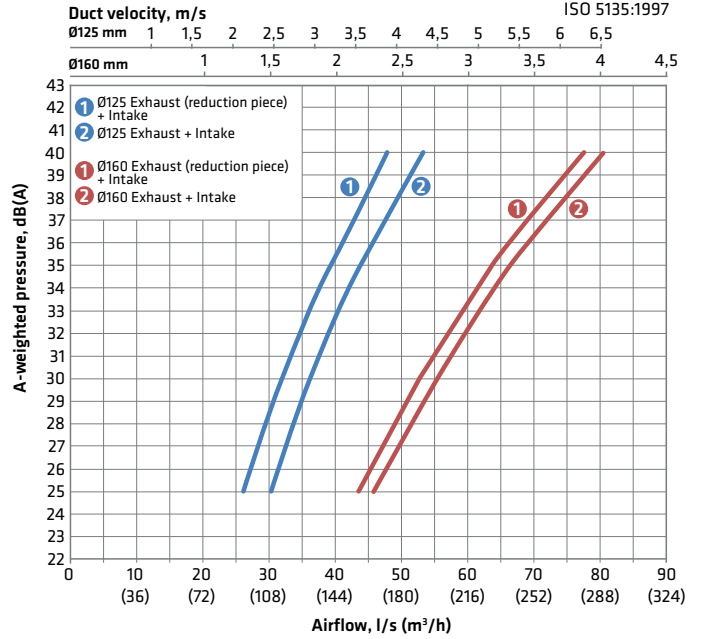
PERFORMANCE AND FLOW DATA

EN 12238:2001
ISO 5135:1997



FLOW NOISE

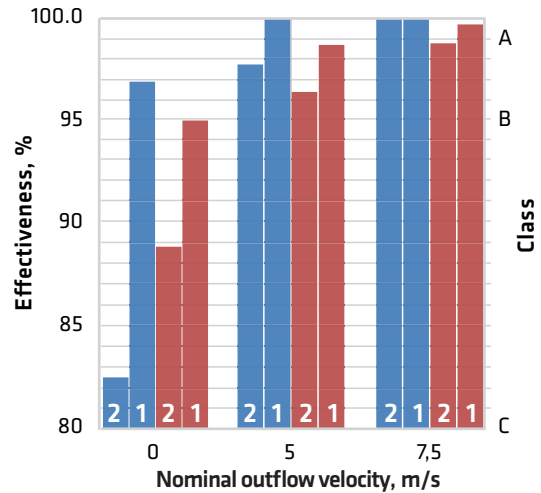
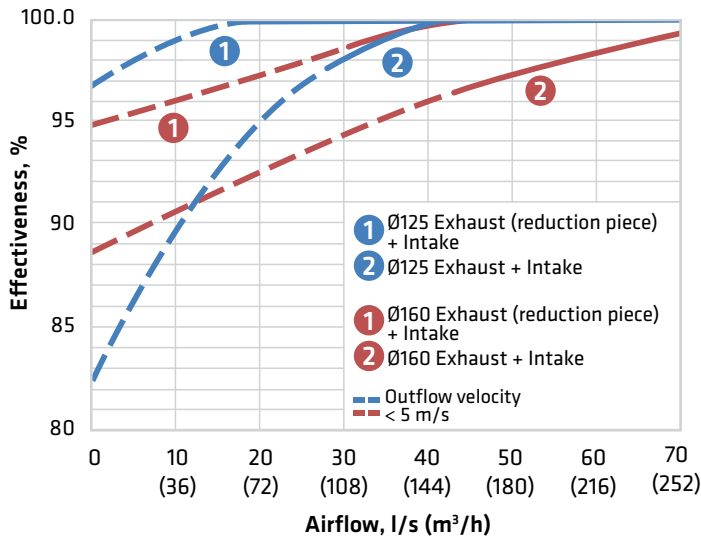
EN 12238:2001
ISO 5135:1997



RAIN REJECTION

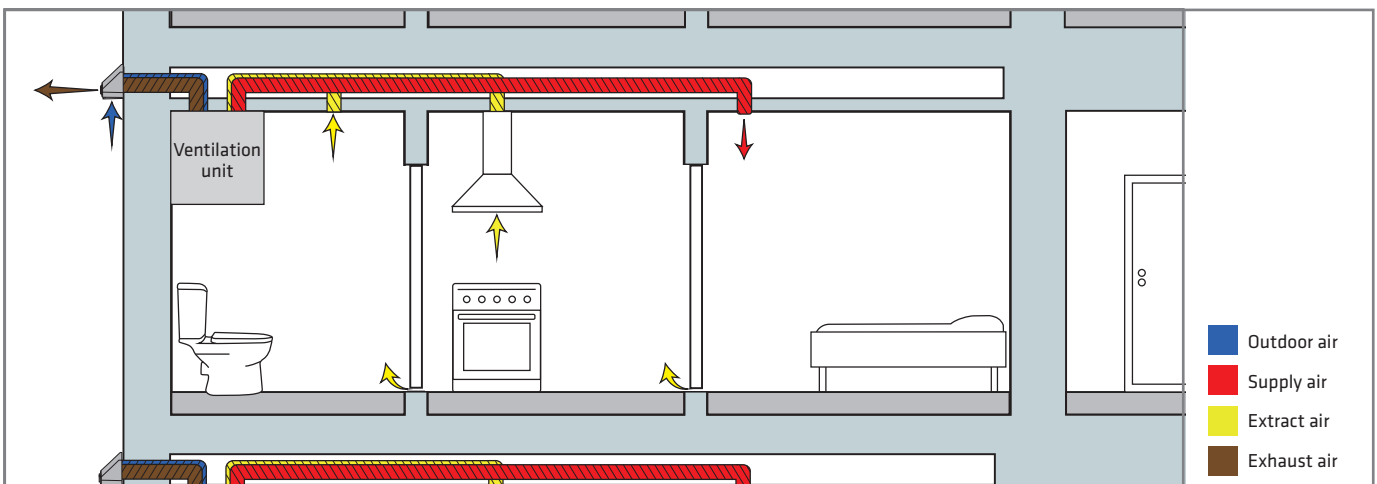
Rain rejection data for exhaust air. No measurable amount of water in the intake air.

EN 13030:2001



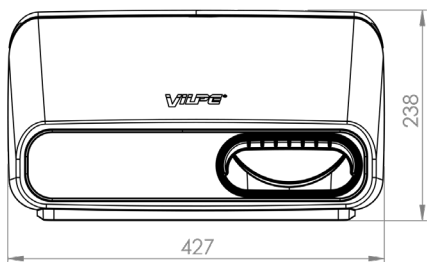
AIR VENTILATION

An example of a ventilation system in an apartment with VILPE® IO wall element.

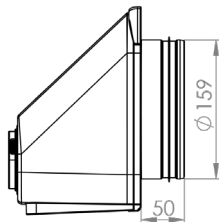


MEASUREMENTS

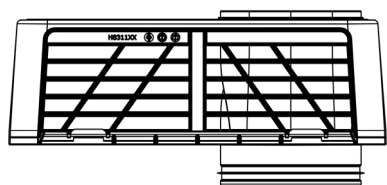
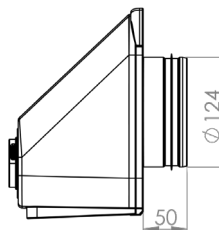
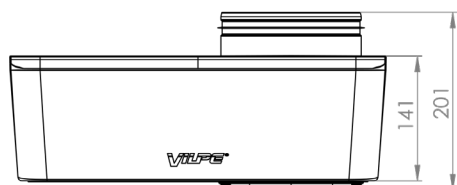
VILPE® IO 160 wall element (with reduction piece)



VILPE® IO 160 wall element



VILPE® IO 125 wall element



To the right VILPE® IO 125 wall element in the three standard colours and below the element with the different parts unattached. Inquire about specialised colour options from our sales team.



PACKAGE

Content:
 - VILPE® IO wall element
 - Screws and screw plugs
 - Installation instructions

Box measurements:
 445 x 320 x 225 mm

STANDARD COLOURS



Off-white
 Reference colour
 RAL 9016



Grey
 Reference colour
 RAL 7015



Red
 Reference colour
 RAL 3009

PRODUCT NUMBERS

| NAME | COLOUR | PRODUCT NUMBER |
|----------------------------|-----------|----------------|
| VILPE® IO 125 wall element | off-white | 370000 |
| | grey | 370007 |
| | red | 370008 |
| VILPE® IO 160 wall element | off-white | 370100 |
| | grey | 370107 |
| | red | 370108 |