

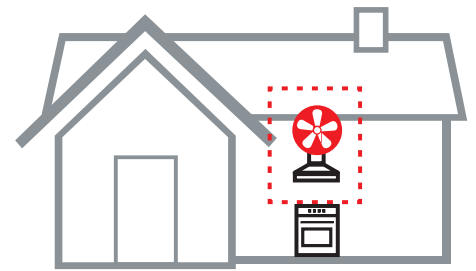
A REALLY SILENT COOKER HOOD

IS THE COOKER HOOD IN THE VILPE® SILENT KITCHEN

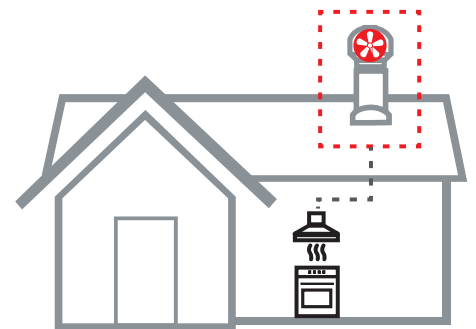
REPLACING THE BUILT IN MOTOR FROM YOUR COOKER HOOD WITH A VILPE ROOF FAN IS THE EASIEST WAY TO ACHIEVE A PERFECTLY SILENT KITCHEN.

In this customized solution the function of a traditional motor working inside the cooker hood right over your head is over by the motor in the VILPE roof fan. This system, in addition to its high efficiency, allows for a silent and thus more comfortable cooking experience.

Even the most modern standard cooker hoods will not be able to reach the levels of comfort provided by the VILPE roof fan plus a motorless hood combination. In addition to the silent operation the system provides a boost in efficiency as the underpressure created in the duct itself will aid in extraction of the contaminated air from the kitchen, thus outperforming a lot of the more traditional competition.



Kitchen cooker hood
– traditional solution



Kitchen cooker hood and a fan
on the roof – silent kitchen



SILENT KITCHEN VILPE IS A SCANDINAVIAN VENTILATION SYSTEM
COOKER HOOD COMBINED WITH ROOF FAN

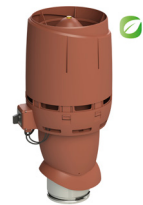
ADVANTAGES OF THE VILPE SILENT KITCHEN

- A modern solution for silent kitchen extraction
- Exceptional efficiency thanks to the high performance roof fan
- Easy and simple installation, also as a retrofit upgrade for a more traditional system
- Compatible with most EC/AC cooker hoods on the market
- Applicable to virtually every possible roofing type, pitch, material with VILPE pass-throughs & installation sets
- Guaranteed watertightness and extensive warranties

3 COMPONENTS OF THE VILPE SILENT KITCHEN



MOTORLESS COOKER HOOD



ROOF FAN



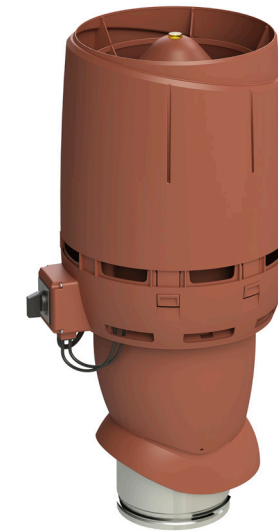
PASS-THROUGH

VILPE ROOF FAN

The VILPE roof fan is the key component for the silent kitchen.

Our roof fans are produced according to the highest quality standards, and provide excellent ventilation not only for the kitchen, but also for more general ventilation applications when needed.

The fans are known for their light but durable structure. The outer shell is made out of high quality polypropylene plastic and have superb resistance to various weather conditions. Indeed the VILPE roof fan is developed and tested to function in a wide variety of climates from the icy Nordic tundra to the searing heat of the middle eastern deserts.



P-type models for pitched roof installations (pass-throughs for different roofing materials sold separately).



S-type models for flat roof or existing chimney flue installations.

SELECTION OF THE ROOF FAN FOR THE KITCHEN COOKER HOOD

The extraction air flow performance required by the system depends on a various factors, such as the height and size of the cooker hood, the length of the ducting etc. It is normally assumed that a running meter of ventilation duct creates a drop in pressure of 5 Pa where as the hood is calculated to have an effect of approx. 30 Pa .

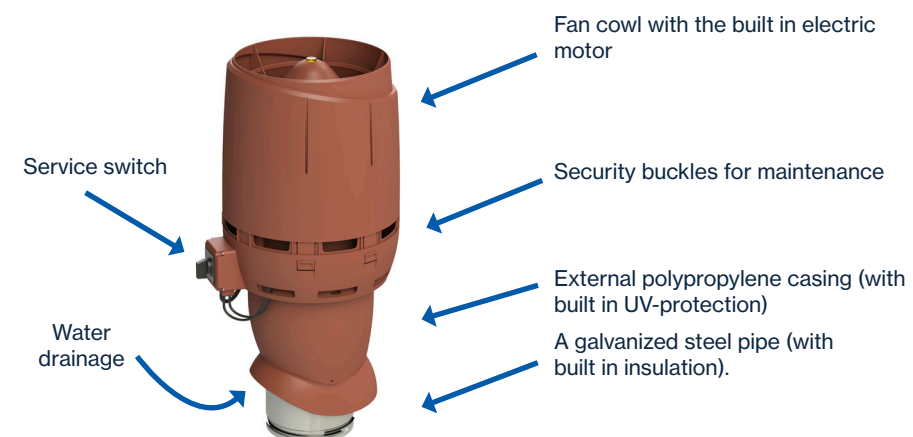
Roof fan	Duct	Free flow	50 Pa*	100 Pa*
ECo125 FLOW	Ø 125 mm	185 l/s (666 m³/h)	170 l/s (612 m³/h)	155 l/s (558 m³/h)
ECo160 FLOW	Ø 160 mm	265 l/s (954 m³/h)	245 l/s (882 m³/h)	220 l/s (792 m³/h)
ECo200 FLOW	Ø 200 mm	380 l/s (1368 m³/h)	365 l/s (1314 m³/h)	348 l/s (1253 m³/h)
E120	Ø 125 mm	120 l/s (432 m³/h)	103 l/s (371 m³/h)	87 l/s (313 m³/h)
E190	Ø 125 mm	155 l/s (558 m³/h)	138 l/s (497 m³/h)	116 l/s (418 m³/h)
E220	Ø 160 mm	236 l/s (850 m³/h)	212 l/s (763 m³/h)	180 l/s (648 m³/h)

* - example of capacity for the ventilation duct length, from the hood to the fan on the roof, of approx. 5 running meters

** - example of capacity for the ventilation duct length, from the hood to the fan on the roof, of approx. 15 running meters



CONSTRUCTION OF THE FAN





Guaranteed excellent quality

The VILPE products create better indoor air, improve energy efficiency and prolong the lifetime of buildings. The products are manufactured by a Finnish family business VILPE which is the leading manufacturer and developer of ventilation and special roofing products in Finland, Baltics, Russia and Scandinavia.

The products are of excellent quality and are durable, which is why we offer a 20-year warranty of technical parts and 10-year colour warranty. The management system of VILPE Oy has been granted both the ISO 9001:2015 quality certificate the ISO 14001:2015 environmental certificate. These certificates cover product development, manufacturing and sales of VILPE products.

Responsibility for environment and people

We at VILPE take concrete actions to support environmentally sustainable production. The largest green energy investment in our history has been replacing oil with geothermal heat. This reduces the CO2 emissions of the factory by 330 tons annually. We also design energy efficient products. Our goal is to increase the plastics recycling possibilities during the whole lifetime of the product. Environmental sustainability is also a part of our machine investments.

Another important aspect is promoting social responsibility. Yearly, we invest 0.3 % of our turnover to support local welfare, such as, education, sports and disadvantaged children.

