



# CATALOGUE 2021





## Building innovations improve quality of life

Building innovations improve quality of life Creating better indoor air, energy efficiency and longevity of structures to all spaces is the cornerstone of our work. We want to improve quality of life by providing the building industry with new innovations. Our Wive intake vents, for example, have received positive feedback among our customers. The FLOW product family also succeeds.

The new innovations of 2021 are characterized by Internet of Things (IoT). We also add new products to our traditional product selection. As the product selection grows, we have expanded our factory in Finland. At the same time, we have made the biggest investment in low-carbon production in our history by replacing oil with geothermal heat at the

factory. This reduces the carbon dioxide emissions by 330 tons annually. We will continue to invest in energy and cost-efficient production also in 2021.

Even though the covid-19 situation concerns the building industry, we look into the future with confidence. One of the highlights is VILPE Anniversary Gala we had to reschedule for 2021. At the Gala, we celebrate the 45-year-old history of our family business and the life work of my father Eero Saikkonen together with our partners.

Tuomas Saikkonen

CEO  
VILPE





## Why VILPE®?

- ✓ **The most extensive range of products and optimal storability**
- ✓ **Alternatives for all types of roofing**
- ✓ **Complete sets:** installation tools and instructions included, guarantees for VILPE® assemblies
- ✓ **Installation:** quick and easy
- ✓ **Functionality:** totally waterproof end result
- ✓ **Aesthetics:** harmonious design and colours that go well with roofing materials
- ✓ **Durability:** 40 years of manufacturing experience
- ✓ **Exceptionally long warranty**

**Guaranteed  
VILPE® quality:**

- 10 year aesthetic guarantee
- 20 year technical guarantee
- 2 + 3 year guarantee for electrical parts

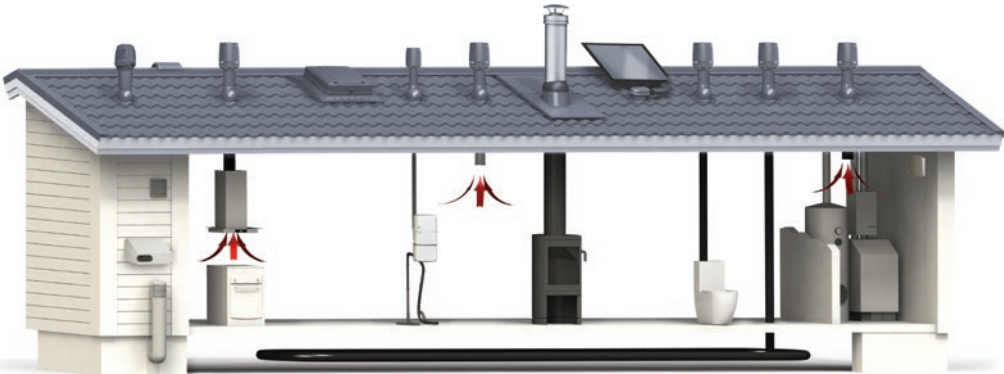
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The VILPE product family includes a complete selection of roof elements and terminal equipment for ventilation. VILPE products form ensembles easy to assemble since all the installation tools and instructions are included in the sets. Uniquely long warranties only apply to ensembles with genuine VILPE products.

P-series for pitched roofs

The P-series roof fans and exhaust ventilation pipes can be led watertightly with a pass-through set through a roof. VILPE pass-through sets can be installed on any roofs with the most common pitches. The pass-through set is always selected according to the roofing material of the roof. All the roof fans and exhaust ventilation pipes in the P-series are compatible with all pass-through set types. Using P-series XL roof fans and XL exhaust ventilation pipes requires an XL pass-through.



S-series for flat surface installation

The S-series roof fans and exhaust vents are designed to be installed in the ventilation shaft, onto a silencer or in or other horizontal surface. Thus, they are also suitable for gently sloping roofs. The S-roof fans and S-exhaust vents are used, for example, in blocks of flats and terraced houses, when flat-specific ventilation is required. The S-series roof fan can also be used for modifying an old natural ventilation system into a mechanical one during renovation.



Products for low-pitched roofs

The VILPE product family includes a wide selection of fasteners, sealings and underpressure vents for needs of various roofings. The Felt pass-throughs (tall) enable installing all the roof fans and exhaust ventilation pipes with diameter of 100–250 mm on low-pitched roofs. The backwater heights of pass-throughs are all according to regulations.



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VILPE® standard colours

		Reference colour
	Black	RAL 9017
	Brown	RAL 8017
	Green	RAL 6020
	Grey	RAL 7015
	Red	RAL 3009
	Brick red	RAL 8004
	Light grey	RAL 7040

Product listings

Psc/pack	How many items a pack contains. The number ordered must be divisible with this number.
Psc/pallet	How many items a pallet contains. Our pallets are EUR pallets (80 x 120 cm) with height of 120 cm unless stated otherwise.
Delivery	Stock/Order. Order means the product is manufactured only when ordered, which lengthens the delivery time slightly.



## VILPE® ECO110P/500 FLOW ROOF FAN

**Description:** Energy efficient insulated roof fan with the new FLOW-cowl. Uses a EC motor for radon ventilation with a 0-10V control voltage. Has an integrated service switch. Also suitable for ventilating an ecological toilet. The motor is specially protected. A VILPE® Eco controllers and a VILPE® pass-through according to the roofing material is required separately.

**Dimensions:** Duct size Ø 110 mm, external Ø 225 mm, height above roof approx. 500 mm.

**Contents:** Roof fan, screws, installation, operating and maintenance instructions.

Black	1	28*	Stock	350272
Grey	1	28*	Order	350277
Red	1	28*	Order	350278
Brick Red	1	28*	Order	350279
Light Grey	1	28*	Order	350271



## VILPE® ECO125P/500 FLOW ROOF FAN

**Description:** Energy efficient insulated roof fan with the FLOW-cowl. Uses a EC motor with a 0-10V control voltage. Has an integrated service switch. Includes a galvanized steel inner pipe with a lip seal and a built-in silencer. A VILPE® Eco controllers and a VILPE® pass-through chosen according to roof type and material sold separately.

**Dimensions:** Duct size Ø 125 mm, external Ø 225 mm, height above roof approx. 500 mm.

**Contents:** Roof fan, screws, installation, operating and maintenance instructions.

Black	1	28*	Stock	350242
Grey	1	28*	Stock	350247
Red	1	28*	Stock	350248
Brick Red	1	28*	Stock	350249
Light Grey	1	28*	Order	350241



## VILPE® ECO160P/500 FLOW ROOF FAN

**Description:** Energy efficient insulated roof fan with the FLOW-cowl. Uses a EC motor with a 0-10V control voltage. Has an integrated service switch. Includes a galvanized steel inner pipe with a lip seal. A VILPE® Eco controllers and a VILPE® pass-through chosen according to roof type and material sold separately.

**Dimensions:** Duct size Ø 160 mm, external Ø 225 mm, height above roof approx. 500 mm.

**Contents:** Roof fan, screws, installation, operating and maintenance instructions.

Black	1	28*	Stock	350252
Grey	1	28*	Stock	350257
Red	1	28*	Order	350258
Brick Red	1	28*	Stock	350259
Light Grey	1	28*	Order	350251



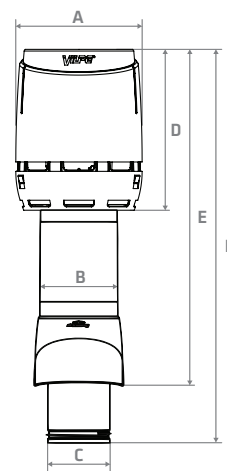
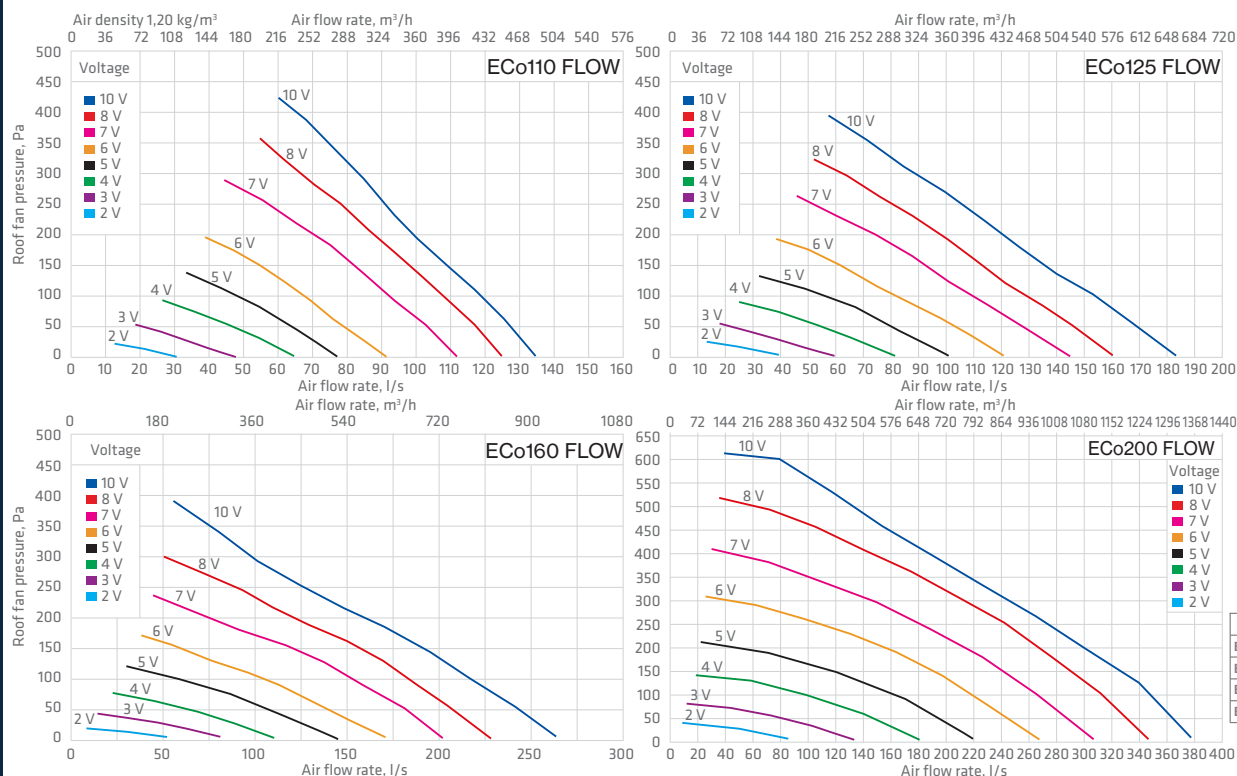
## VILPE® ECO200P/500 FLOW ROOF FAN

**Description:** Energy efficient insulated roof fan with the FLOW-cowl. Uses an EC motor with a 0-10V control voltage. Has an integrated service switch. Includes a galvanized steel inner pipe with a lip seal. A VILPE® Eco controllers and a VILPE® XL passthrough chosen according to roof type and material sold separately.

**Dimensions:** Duct size Ø 200 mm, external Ø 300 mm, height above roof approx. 500 mm.

**Contents:** Roof fan, screws, Installation, operating and maintenance instructions.

Black	1	6	Stock	350302
Grey	1	6	Stock	350307
Red	1	6	Stock	350308
Brick Red	1	6	Order	350309



mm	A	B	C	D	E	F
ECO110P FLOW	310	225	110	394	759	1041
ECO125P FLOW	310	225	125	394	759	1041
ECO160P FLOW	310	225	160	394	759	1041
ECO200P FLOW XL	400	305	200	456	869	1105





### VILPE® ECO110P/Ø110/500 ROOF FAN

**Description:** Energy efficient roof fan with a DC motor for radon ventilation. Also suitable for ventilating an ecological toilet. The motor is specially protected and preadjusted to 3V. If necessary, can be adjusted with the potentiometer situated in the cowl of the roof fan. Separate controller is not needed. A VILPE® pass-through according to the roofing material is required separately.

**Dimensions:** Duct size Ø 110 mm, external Ø 160 mm, height 500 mm.

**Contents:** Roof fan, screws, installation, operating and maintenance instructions.

Black	1	9	Stock	737352
Grey	1	9	Order	737357
Red	1	9	Order	737358
Brick Red	1	9	Order	737359



### VILPE® ECO190P/Ø125/500 ROOF FAN

**Description:** Energy efficient insulated roof fan with a DC motor, controlled with a 0–10 V voltage. The pipe has a built-in silencer. Inner pipe is made of galvanized sheet metal and has a lip seal. A VILPE® ECo Controller and a VILPE® pass-through according to the roofing material are required separately.

**Dimensions:** Duct size Ø 125 mm, external Ø 225 mm, height above roof approx. 500 mm.

**Contents:** Roof fan, screws, installation, operating and maintenance instructions.

Black	1	24*	Stock	737342
Grey	1	12	Stock	737347
Red	1	12	Order	737348
Brick Red	1	12	Stock	737349
Light Grey	1	12	Order	737341



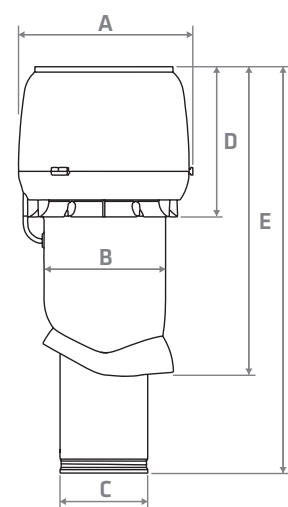
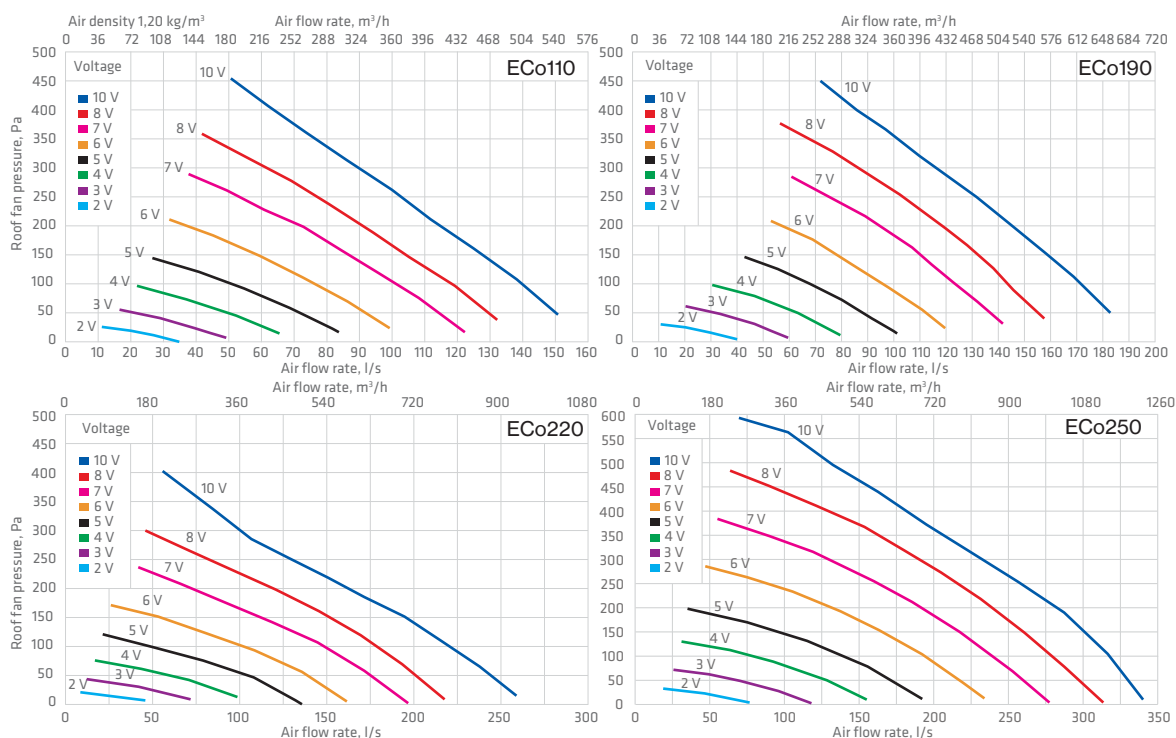
### VILPE® ECO220P/Ø160/500 ROOF FAN

**Description:** Energy efficient insulated roof fan with a DC motor, controlled with a 0–10 V voltage. Inner pipe is made of galvanized sheet metal and has a lip seal. A VILPE® ECo Controller and a VILPE® pass-through according to the roofing material are required separately.

**Dimensions:** Duct size Ø 160 mm, external Ø 225 mm, height above roof approx. 500 mm.

**Contents:** Roof fan, screws, installation, operating and maintenance instructions.

Black	1	24*	Stock	737382
Grey	1	12	Stock	737387
Red	1	12	Order	737388
Brick Red	1	12	Stock	737389
Light Grey	1	12	Order	737381



mm	A	B	C	D	E	F
ECo110	257	160	110	221	574	761
ECo190	310	225	125	273	564	738
ECo220	310	225	160	273	564	738
ECo250XL	400	305	200	370	622	755



## VILPE® E120P/Ø125/500 ROOF FAN

**Description:** Insulated roof fan with an AC motor. Inner pipe is made of galvanized steel and has a lip seal. A VILPE® pass-through according to the roofing material is required separately.

**Dimensions:** Duct size Ø 125 mm, external Ø 160 mm, height above roof approx. 500 mm.

**Contents:** Roof fan, screws, installation, operating and maintenance instructions.

Black	1	24*	Stock	73492
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## VILPE® E190P/Ø125/500 ROOF FAN

**Description:** Insulated roof fan with an AC motor. The pipe has a 50-mm built-in silencer. Inner pipe is made of perforated, galvanized steel and has a lip seal. A VILPE® pass-through according to the roofing material is required separately.

**Dimensions:** Duct size Ø 125 mm, external Ø 225 mm, height above roof approx. 500 mm.

**Contents:** Roof fan, screws, installation, operating and maintenance instructions.

Black	1	24*	Stock	73592
Grey	1	24*	Stock	73597
Red	1	12	Stock	73598
Brick Red	1	12	Stock	73599



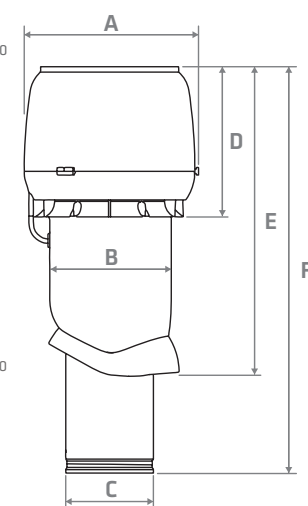
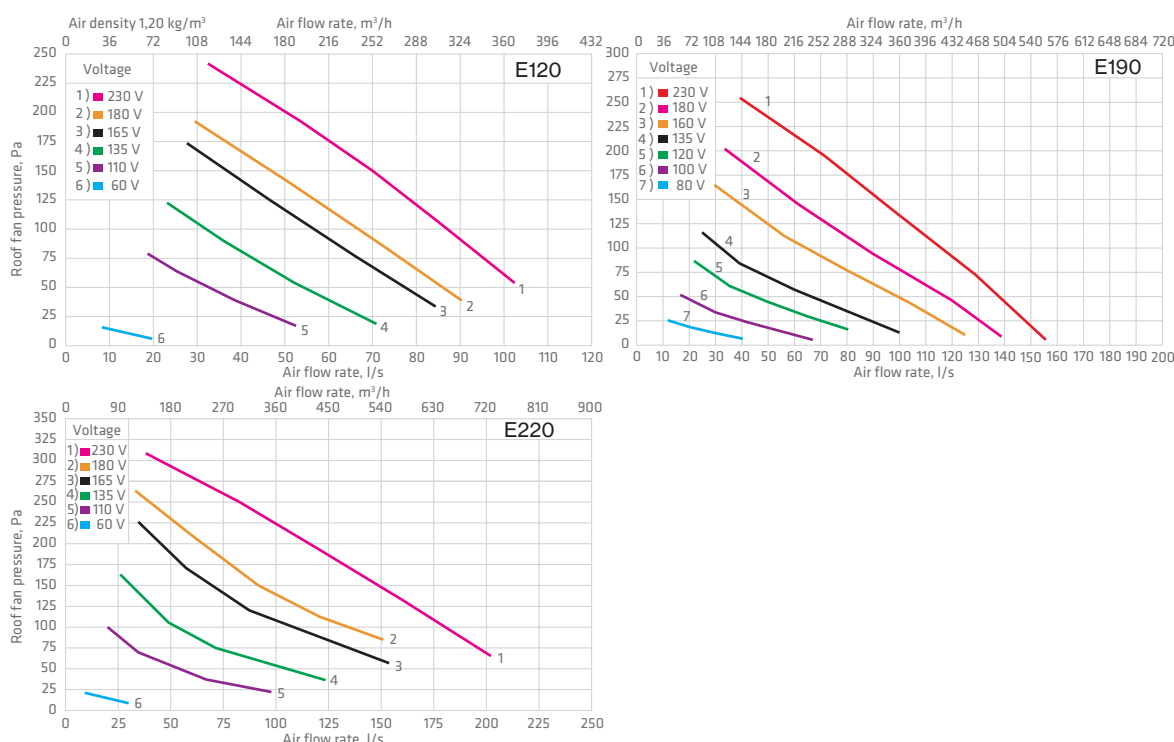
## VILPE® E220P/Ø160/500 ROOF FAN

**Description:** Insulated roof fan with an AC motor. Inner pipe is made of galvanized sheet metal and has a lip seal. A VILPE® pass-through according to the roofing material is required separately.

**Dimensions:** Duct size Ø 160 mm, external Ø 225 mm, height above roof approx. 500 mm.

**Contents:** Roof fan, screws, installation, operating and maintenance instructions.

Black	1	24*	Stock	73472
Grey	1	12	Stock	73477
Red	1	12	Order	73478
Brick Red	1	24*	Stock	73479
Light Grey	1	24*	Order	73471



mm	A	B	C	D	E	F
E120	257	160	125	221	576	724
E190	310	225	125	273	564	738
E220	310	225	160	273	564	738





## VILPE® ECO110S FLOW ROOF FAN

**Description:** Energy efficient insulated roof fan with the new FLOW-cowl. Uses a EC motor for radon ventilation with a 0-10V control voltage. Has an integrated service switch. Also suitable for ventilating an ecological toilet. The motor is specially protected. An installation set for a flat surface is included. VILPE® ECo Controller is available separately.

**Dimensions:** Duct size Ø 110 mm, (installation set 300 x 300 mm, installation area must be at least the same size).

**Contents:** Roof fan, installation set, screws, Installation, operating and maintenance instructions.

Black	1	15	Stock	350282
Grey	1	15	Stock	350287
Red	1	15	Order	350288
Brick Red	1	15	Order	350289
Light Grey	1	15	Order	350281



## VILPE® ECO125S FLOW ROOF FAN + INST. SET 300X300

**Description:** Energy efficient insulated roof fan with the FLOW-cowl. Uses a EC motor with a 0-10V control voltage. Has an integrated service switch. Includes a galvanized steel inner pipe with a lip seal and a built-in silencer. VILPE® ECo Controller is available separately.

**Dimensions:** Duct size Ø 125 mm, (installation set 300 x 300 mm, installation area must be at least the same size).

**Contents:** Roof fan, installation set, screws, Installation, operating and maintenance instructions.

Black	1	15	Stock	350202
Grey	1	15	Stock	350207
Red	1	15	Order	350208
Brick Red	1	15	Order	350209
Light Grey	1	15	Order	350201



## VILPE® ECO160S FLOW ROOF FAN + INST. SET 300X300

**Description:** Energy efficient insulated roof fan with the FLOW-cowl. Uses a EC motor with a 0-10V control voltage. Has an integrated service switch. Includes a galvanized steel inner pipe with a lip seal. VILPE® ECo Controller is available separately.

**Dimensions:** Duct size Ø 160 mm, (installation set 300 x 300 mm, installation area must be at least the same size).

**Contents:** Roof fan, installation set, screws, Installation, operating and maintenance instructions.

Black	1	15	Stock	350212
Grey	1	15	Stock	350217
Red	1	15	Order	350218
Brick Red	1	15	Order	350219
Light Grey	1	15	Order	350211



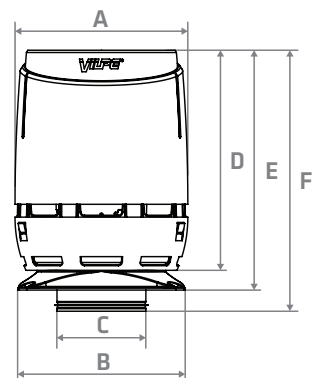
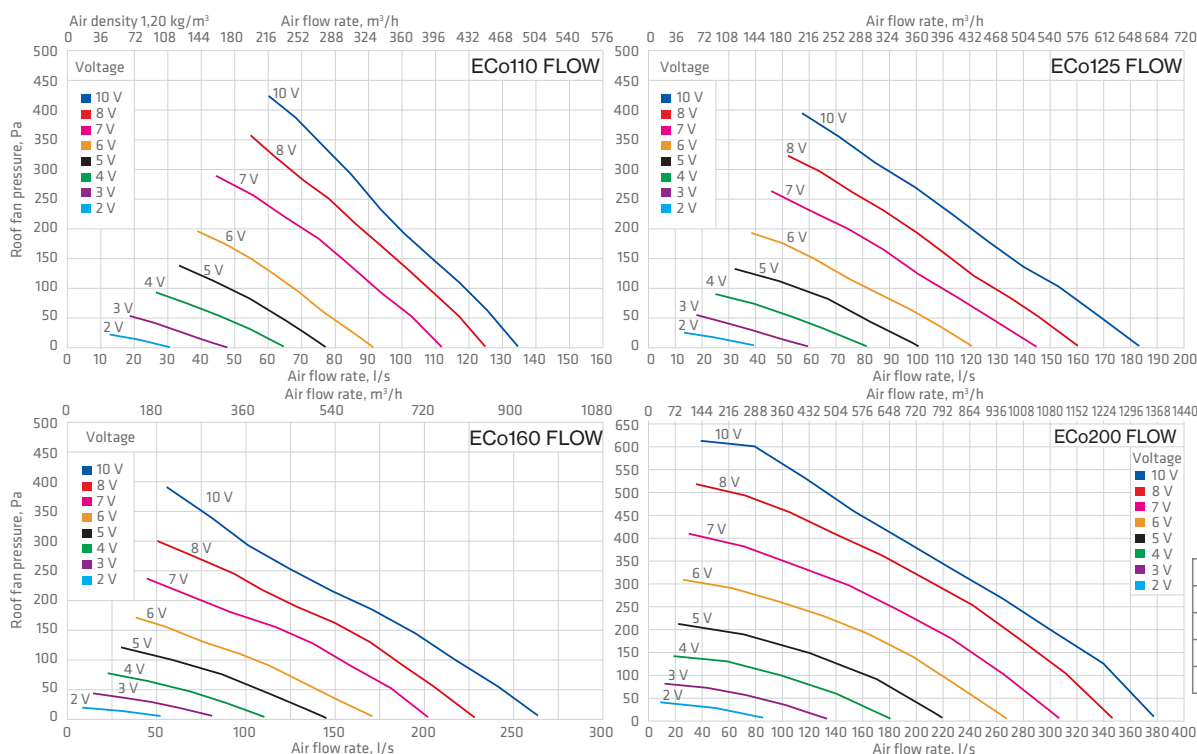
## VILPE® ECO200S FLOW XL ROOF FAN + INST. SET 400X400

**Description:** Energy efficient insulated roof fan with the FLOW-cowl. Uses a EC motor with a 0-10V control voltage. Has an integrated service switch. Includes a galvanized steel inner pipe with a lip seal. VILPE® ECo Controller is available separately.

**Dimensions:** Duct size Ø 200 mm, (installation set 400 x 400 mm, installation area must be at least the same size).

**Contents:** Roof fan, installation set, screws, Installation, operating and maintenance instructions.

Black	1	8	Stock	350312
Grey	1	8	Stock	350317
Red	1	8	Order	350318
Brick Red	1	8	Order	350319



	mm	A	B	C	D	E	F
ECO110S FLOW		310	300	110	394	441	461
ECO125S FLOW		310	300	125	394	441	461
ECO160S FLOW		310	300	160	394	441	461
ECO200S FLOW		400	395	200	456	524	560



## VILPE® ECO110S/Ø110 ROOF FAN + INSTALLATION SET

**Description:** Energy efficient roof fan with a DC motor for radon ventilation. Also suitable for ventilating a garage or an ecological toilet. Compatible for VILPE® 110 mm insulated pipe or other pipe with external dimensions Ø 160 mm. The motor is specially protected and preadjusted to 3V. If necessary, can be adjusted in a potentiometer situated in the cowl of the roof fan. Separate controller is not needed. An installation set for a flat surface is included.

**Dimensions:** Duct size Ø 110 mm, (installation set 250 x 250 mm, installation area must be at least the same size).

**Contents:** Roof fan, installation set, screws, Installation, operating and maintenance instructions.

Black	1	12	Stock	737532
Grey	1	12	Stock	737537
Red	1	12	Stock	737538
Brick Red	1	12	Stock	737539
Light Grey	1	12	Order	737531



## VILPE® ECO190S/Ø125 ROOF FAN + INSTALLATION SET

**Description:** Energy efficient roof fan with a DC motor for the top of an air conduit or silencer, controlled with a 0-10 V voltage. An installation set for a flat surface is included. VILPE® Eco Controller is available separately.

**Dimensions:** Duct size Ø 125 mm, (installation set 300 x 300 mm, installation area must be at least the same size).

**Contents:** Roof fan, installation set, screws, Installation, operating and maintenance instructions.

Black	1	12	Stock	737512
Grey	1	12	Stock	737517
Red	1	12	Stock	737518
Brick Red	1	12	Stock	737519
Light Grey	1	12	Order	737511



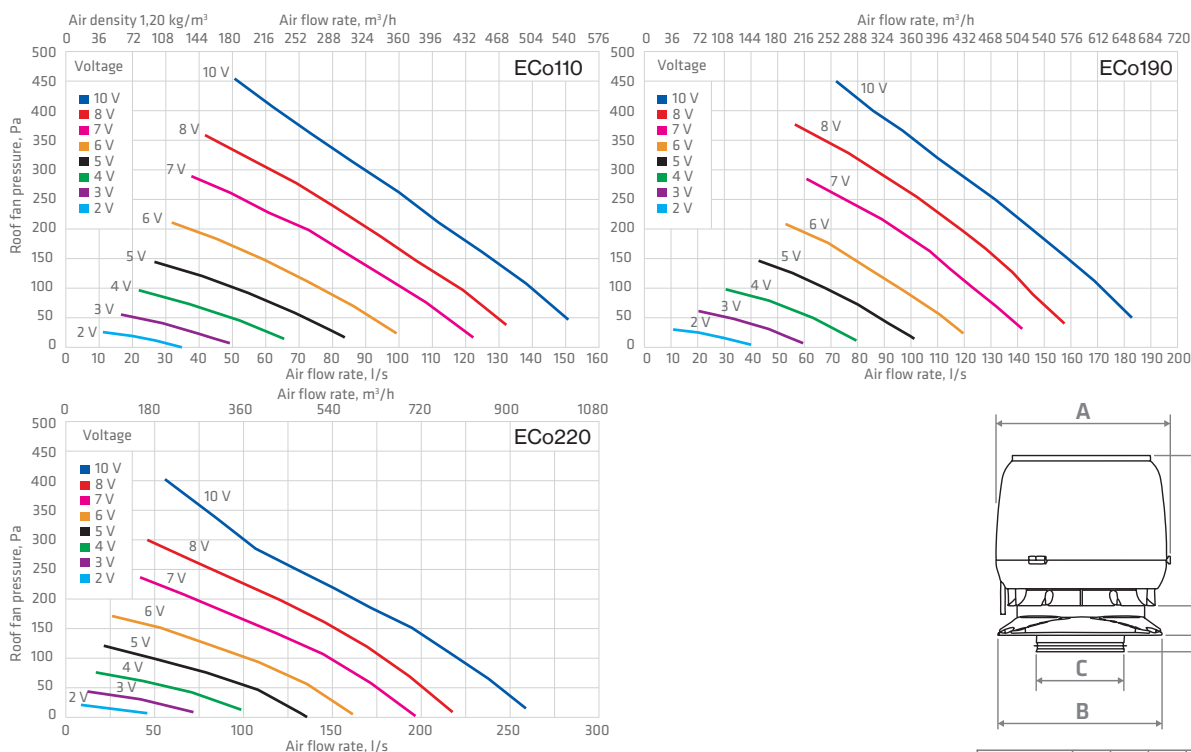
## VILPE® ECO220S/Ø160 ROOF FAN + INSTALLATION SET

**Description:** Energy efficient roof fan with a DC motor for the top of an air conduit or silencer, controlled with a 0-10 V voltage. An installation set for a flat surface is included. VILPE® Eco Controller is available separately.

**Dimensions:** Duct size Ø 160 mm, (installation set 300 x 300 mm, installation area must be at least the same size).

**Contents:** Roof fan, installation set, screws, Installation, operating and maintenance instructions.

Black	1	12	Stock	737392
Grey	1	12	Stock	737397
Red	1	12	Order	737398
Brick Red	1	12	Stock	737399
Light Grey	1	12	Order	737391





## VILPE® E190S/Ø125 ROOF FAN + INSTALLATION SET

**Description:** Roof fan with an AC motor. Installed on the top of an air conduit or silencer. An installation set for a flat surface is included.

**Dimensions:** Duct size Ø 125 mm, (installation set 300 x 300 mm, installation area must be at least the same size).

**Contents:** Roof fan, installation set, screws, Installation, operating and maintenance instructions.

Black	1	12	Stock	737522
Grey	1	12	Stock	737527
Red	1	12	Order	737528
Brick Red	1	12	Stock	737529
Light Grey	1	12	Order	737521



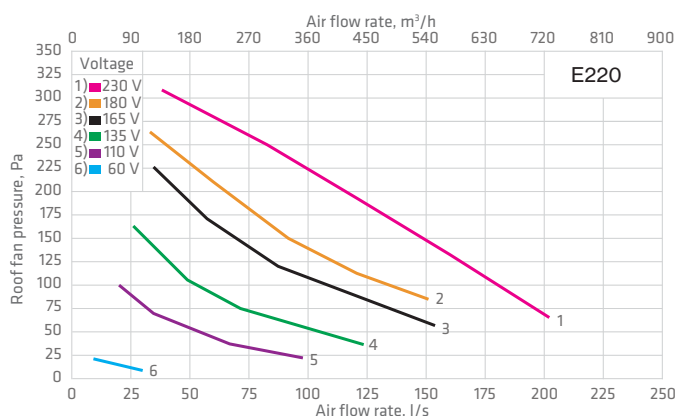
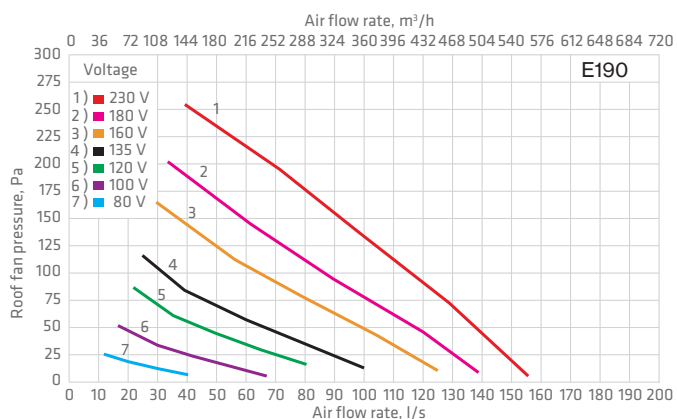
## VILPE® E220S/Ø160 ROOF FAN + INSTALLATION SET

**Description:** Roof fan with an AC motor. Installed on the top of an air conduit or silencer. An installation set for a flat surface is included.

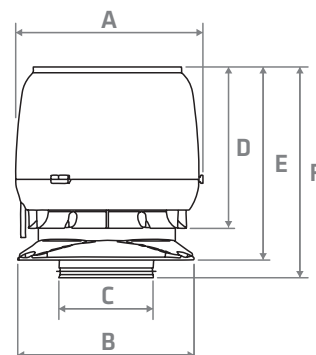
**Dimensions:** Duct size Ø 160 mm, (installation set 300 x 300 mm, installation area must be at least the same size).

**Contents:** Roof fan, installation set, screws, Installation, operating and maintenance instructions.

Black	1	12	Stock	737502
Grey	1	12	Stock	737507
Red	1	12	Order	737508
Brick Red	1	12	Stock	737509
Light Grey	1	12	Order	737501



mm	A	B	C	D	E	F
E190	310	300	125	273	328	351
E220	310	300	160	273	328	358



# Chimney fan

## VILPE® TI-17 CHIMNEY FAN

**Description:** Suitable for fireplaces with max. 0.35 m² clear opening. The size of the flue can be min. 123 x 123 mm and max. 160 x 160 mm. The highest allowed temperature of the portable gas is 200°C.

**Contents:** Chimney fan.

1	36	Stock	735098
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## Quick selection for the VILPE® roof fans

### Selecting a roof fan for residential ventilation

A general recommendation is that the indoor air should be substituted completely every other hour. The exhaust air, removed by the roof fan, is replaced with fresh air coming in through intake vents in various rooms.

A rule of thumb is that a ducting system of a 120–150 m<sup>2</sup> house has a loss of compression of ca 100 Pa. A fast way to calculate the accurate loss of compression in pascals is to calculate 5 Pa per meter of ducting (including terminal equipment of ducting, bends, etc.)

The loss of compression (Pa) depends on the length and diameter of piping but also on the number of corners and the speed of airflow. Recommended ventilation is achieved with the roof fan functioning at 70% of maximum capacity.

The table is indicative only.

Roof fan	Duct	m <sup>2</sup> maximum size		
		50 Pa	100 Pa	150 Pa
ECo125 FLOW / ECo190	Ø 125 mm	360 m <sup>2</sup>	340 m <sup>2</sup>	310 m <sup>2</sup>
ECo160 FLOW / ECo220	Ø 160 mm	490 m <sup>2</sup>	440 m <sup>2</sup>	390 m <sup>2</sup>
ECo200 FLOW / ECo250	Ø 200 mm	660 m <sup>2</sup>	630 m <sup>2</sup>	600 m <sup>2</sup>
E120	Ø 125 mm	220 m <sup>2</sup>	180 m <sup>2</sup>	135 m <sup>2</sup>
E190	Ø 125 mm	270 m <sup>2</sup>	230 m <sup>2</sup>	180 m <sup>2</sup>
E220	Ø 160 mm	410 m <sup>2</sup>	360 m <sup>2</sup>	300 m <sup>2</sup>

### Selecting a roof fan for a cooker hood

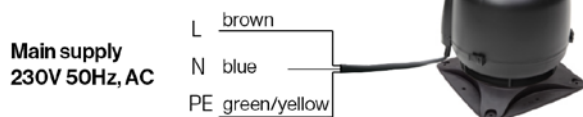
Indoor air and ventilation recommendations (in Finland) state a cooker hood should work 25 litres of air per second. The noise level in the kitchen should not exceed 33 dB (or 43 dB if heightened). Accurate data on loss of compression in the cooker hood (and its ducts) should be available from the manufacturer.

The table is indicative only.

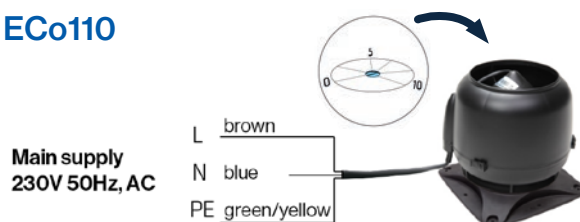
Roof fan	Duct	Free flow	50 Pa	100 Pa
ECo125 FLOW	Ø 125 mm	185 l/s (666 m <sup>3</sup> /h)	170 l/s (612 m <sup>3</sup> /h)	155 l/s (558 m <sup>3</sup> /h)
ECo160 FLOW	Ø 160 mm	265 l/s (954 m <sup>3</sup> /h)	245 l/s (882 m <sup>3</sup> /h)	220 l/s (792 m <sup>3</sup> /h)
ECo200 FLOW	Ø 200 mm	380 l/s (1368 m <sup>3</sup> /h)	365 l/s (1314 m <sup>3</sup> /h)	348 l/s (1253 m <sup>3</sup> /h)
E120	Ø 125 mm	120 l/s (432 m <sup>3</sup> /h)	103 l/s (371 m <sup>3</sup> /h)	87 l/s (313 m <sup>3</sup> /h)
E190	Ø 125 mm	155 l/s (558 m <sup>3</sup> /h)	138 l/s (497 m <sup>3</sup> /h)	116 l/s (418 m <sup>3</sup> /h)
E220	Ø 160 mm	236 l/s (850 m <sup>3</sup> /h)	212 l/s (763 m <sup>3</sup> /h)	180 l/s (648 m <sup>3</sup> /h)

## Electrical data of roof fans

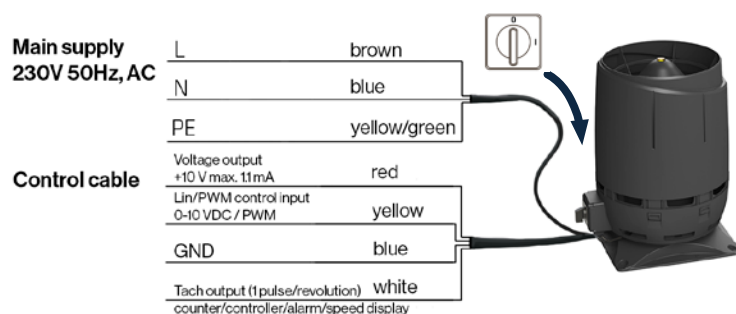
### E190, E220



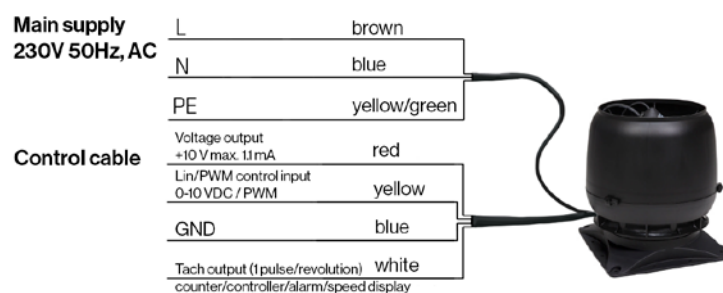
### ECo110



### ECo110 FLOW, ECo125 FLOW, ECo160 FLOW, ECo200 FLOW



### ECo190, ECo220, ECo250



VILPE® model	Power input	Current	Voltage	Capacitor	Rotation speed
E190	52 W	0.23 A	230 V, 50 HZ	1.5 µF	2350 rpm
E220	88 W	0.39 A	230 V, 50 HZ	2 µF	2100 rpm
ECo110 / ECo110 FLOW	83 W	0.75 A	230 V, 50 HZ	-	3200 rpm
ECo190 / ECo125 FLOW	83 W	0.75 A	230 V, 50 HZ	-	3200 rpm
ECo220 / ECo160 FLOW	85 W	0.70 A	230 V, 50 HZ	-	2580 rpm
ECo250 / ECo200 FLOW	170 W	1.40 A	230 V, 50 HZ	-	2510 rpm



## A smart system for humidity control



**AUTOMATIC ALERT OF POTENTIAL LEAKS**  
**AUTOMATIC DEMAND-BASED DRYING OF THE INSULATION LAYER**

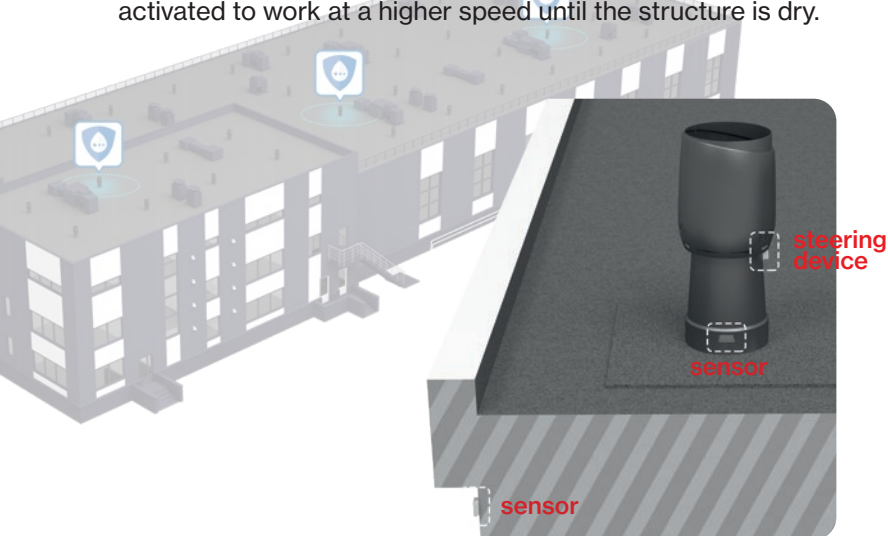


The VILPE Sense system is based upon the latest IoT-technology and combines two functions - humidity monitoring and humidity damage prevention. The system will find and alert you to even the smallest hard-to-find leaks, so that these can be fixed before they grow into bigger and more expensive problems. The VILPE Sense system also dries the insulation layer when necessary: for instance, after rain or during humid autumns that can cause humidity damages even though there are no leakages in the roof.

The VILPE Sense basic kit consists of two sensors and a control unit which are linked to an energy-efficient ECo Roof fan. One sensor monitors the temperature and relative humidity in the insulation layer, whilst the other measures that of the outdoor air. The system can be installed under pressure ventilation pipes so that the structures remain intact. The data is sent to the control unit and ends up on the VILPE cloud service, where it is analysed. If the system detects excess humidity in the insulation layer, the roof fan is automatically activated to work at a higher speed until the structure is dry.



**Follow the condition of your roof in the VILPE Sense application**



Through the VILPE Sense application, the condition of your building can be checked at any time, and the system will automatically alert you in cases of potential leakage. This data can also be safely exported to any complete home automation system.

**> [VILPE.COM/EN/SENSE](https://vilpe.com/en/sense)**

### VILPE® SENSE **NEW**

**Description:** Consists of two sensors and a control unit which are linked to an ECo Roof fan. This smart system detects and alerts you to potential leakages and other humidity problems, for instance on the roof or underfloor. The system also dries the insulation layer when necessary. Through the VILPE Sense application, you can check the condition of one or several buildings at any time.

**Contents:** Steering device, two sensors.

Model	Pcs/pack	Delivery	Product No.
Basic kit	1	Stock	735040
Sensor	1	Stock	735041





# VILPE® ECo Ideal Wireless



## AUTOMATICALLY CONTROLS THE VENTILATION IN YOUR HOUSE

Whether you are renovating or building from scratch, the demand-controlled and energy saving VILPE® ECo Ideal Wireless is an excellent choice for an easy and budget-friendly implementation for your ventilation needs. ECo Ideal Wireless is well-suited for both old and new buildings and is an excellent solution for ventilation of warehouses and garages.

The ventilation control system automatically adjusts ventilation to always secure excellent air quality while at the same time saving energy. The product's wireless sensors measure the relative humidity (RH) and carbon dioxide (CO2) levels in the air and automatically send this information to the control unit.

VILPE® ECo Ideal Wireless system is an ideal solution if you wish to convert an existing natural ventilation system to a mechanical ventilation system. It is also an easy and cost-efficient opportunity to turn a mechanical ventilation system into a demand-controlled ventilation system that saves you both energy and money.

The VILPE® ECo Ideal Wireless ventilation solution comprises the ECo Ideal Wireless control unit and RH Sensor and, if necessary, a CO2 Sensor. The VILPE® ECo Ideal Wireless system is used together with VILPE® ECo roof fan (and a potential VILPE® roof pass-through).

## DEMAND-CONTROLLED VENTILATION

- Automatically adjusted
- Wireless sensors and user panel
- Payback period 5 years
- Saves electricity\*
- VILPE® guarantees

## USAGE

- For builders and renovators
- Ventilation of humid spaces
- Ventilation of the garage
- Improving the efficiency of existing ventilation systems

\*Example: Ventilation of a 120 m² house with VILPE® ECo roof fan + *ECo Ideal Wireless* vs. ventilation with AC roof fan results in energy savings of 2600 kWh/y.

## Controllers

### VILPE® ECO IDEAL WIRELESS VENTILATION CONTROL

**Description:** Wireless control system for demand controlled ventilation. Can be used to control VILPE® ECo roof fans, Includes a control unit (CU) wireless user panel (UP) and a wireless relative humidity (RH) sensor. Carbon dioxide sensors (CO2) sold separately.

**Contents:** User Panel (UP), Control Unit (CU), Relative Humidity Sensor (RH), installation instructions.

Delivery

Product No.

Stock

735030



### VILPE® ECO IDEAL WIRELESS RH SENSOR

**Description:** A Relative humidity sensor for the VILPE® ECo Ideal Wireless demand controlled ventilation system.

**Contents:** Relative humidity (RH) sensor, installation instructions

Stock

735031



### VILPE® ECO IDEAL WIRELESS CO2 SENSOR

**Description:** A Carbon dioxide sensor for the VILPE® ECo Ideal Wireless demand controlled ventilation system.

**Contents:** Carbon dioxide (CO2) sensor, installation instructions.

Stock

735032



### VILPE® ECO IDEAL WIRELESS CU CONTROL UNIT

**Description:** A Control unit for the VILPE® ECo Ideal Wireless demand controlled ventilation system.

**Contents:** Control unit (CU), installation instructions.

Stock

735033



### VILPE® ECO IDEAL WIRELESS UP USER PANEL

**Description:** A User panel for the VILPE® ECo Ideal Wireless demand controlled ventilation system.

**Contents:** User panel (UP), installation instructions.

Stock

735034



## VILPE® ECO POTENTIOMETER **NEW**

**Description:** Potentiometer for stepless steering of EC roof fan speed. Voltage signal 0-10 V from the potentiometer. Installation on surface. IP65  
**Contents:** Controller.

Stock 735038



## VILPE® ECO CONTROLLER 0-10V

**Description:** Stepless ECo Controller for manual control of the rotation speed of the motors of VILPE® ECo roof fans. The controller provides the 0-10 V output signal and the minimum is adjustable. The splash proof ECo Controller is suited for both flush and surface mounting.  
**Contents:** Controller.

Stock 735028



## VILPE® ECo MONITOR DRIVE CONTROLLER

**Description:** For monitoring and control of VILPE® ECo roof fans. Can monitor rotation speed signals from 1 - 5 fans. Isolated alarm output and a faulty fan LED. Optional 0 - 10 V input for speed control, adjustable by an internal trimmer from 0 - 100 %. 10 V 1 mA operating voltage that can be provided from the fan (Patent 2431303).  
**Contents:** ECo Monitor, instructions.

Stock 735029



## VILPE® PRESSURE CONTROLLER 24 V **NEW**

**Description:** Measures the pressure in the ventilation duct and keeps the pressure constant by adjusting the roof fan. Compatible with EC fans. Wall mounted. IP54.  
**Dimensions:** 78 x 90 x 40 mm.  
**Contents:** Pressure controller, installation instructions, hose, 2 measuring gauges.

Controller Stock 735036

Power supply Stock 735037



## VILPE® CONTROLLER 2299 AG

**Description:** For adjusting the rotation speed of a roof fan. Surface mounting. IP 44.  
**Contents:** Controller.

Stock 735022



## VILPE® CONTROLLER 2299 UCJ

**Description:** For adjusting the rotation speed of a roof fan. Flush mounting. IP 20.  
**Contents:** Controller.

Stock 735024



## VILPE® DESKTOP CO2 MONITOR

**Description:** For detecting the presence of CO2 in ambient air. Smart, compact and easy-to-use mini desktop unit measures CO2 concentration and temperature. Capability to save values when connected to a computer.  
**Contents:** Monitor, USB-cable, instructions.

Stock 735035










# Service sets

	Pcs/pack	Delivery	Product No.
VILPE® E150/E80 ROOF FANS SERVICE SET	1	Stock	735052
VILPE® E190/E120 ROOF FANS SERVICE SET	1	Stock	735050
VILPE® E220 ROOF FANS SERVICE SET	1	Stock	735054
VILPE® E250 ROOF FANS SERVICE SET	1	Order	735055
VILPE® E280 ROOF FANS SERVICE SET	1	Order	735056
VILPE® E310 ROOF FANS SERVICE SET	1	Order	735057
VILPE® RADON ROOF FANS SERVICE SET	1	Stock	735053
VILPE® ECO110/190 ROOF FAN SERVICE SET	1	Stock	735058
VILPE® ECO220 ROOF FAN SERVICE SET	1	Stock	735059
VILPE® ECO250 ROOF FAN SERVICE SET	1	Order	735060
VILPE® ECO110/125 FLOW ROOF FAN SERVICE SET	1	Stock	735061
VILPE® ECO160 FLOW ROOF FAN SERVICE SET	1	Stock	735062
VILPE® ECO200 FLOW ROOF FAN SERVICE SET	1	Stock	735063
VILPE® 1,5µF CONDENSER	1	Order	735003
VILPE® 2µF CONDENSER	1	Order	735004
VILPE® 3µF CONDENSER	1	Order	735006
VILPE® 6µF CONDENSER	1	Order	735008







	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.	
<b>VILPE® 110P/300 FLOW VENTILATION PIPE + COWL</b>  <b>Description:</b> Uninsulated ventilation pipe with a FLOW-cowl. A pass-through according to the roofing material is required separately. <b>Dimensions:</b> Duct size Ø 110 mm, height above roof approx. 300 mm. <b>Contents:</b> Ventilation pipe, screws, FLOW-cowl.	Black	10	40	Stock	350232	
	Grey	10	40	Stock	350237	
	Red	10	40	Stock	350238	
	Brick Red	10	40	Stock	350239	
	Light Grey	10	40	Order	350231	
<b>VILPE® 110P/300 VENTILATION PIPE + COWL</b>  <b>Description:</b> Uninsulated ventilation pipe with a cowl. A pass-through according to the roofing material is required separately. <b>Dimensions:</b> Duct size Ø 110 mm, height above roof approx. 300 mm. <b>Contents:</b> Ventilation pipe, screws, cowl.	Black	11	88*	Stock	741302	
	Grey	11	88*	Stock	741307	
	Red	11	88*	Stock	741308	
	Brick Red	11	88*	Stock	741309	
	Light Grey	11	44	Stock	741301	
<b>VILPE® 110P/IS/350 FLOW VENTILATION PIPE + COWL</b>  <b>Description:</b> Insulated ventilation pipe with a FLOW-cowl. A pass-through according to the roofing material is required separately. <b>Dimensions:</b> Duct size Ø 110 mm, height above roof approx. 500 mm. <b>Contents:</b> Ventilation pipe, screws, FLOW-cowl.	Black	4	32*	Stock	350292	
	Grey	4	32*	Stock	350297	
	Red	4	32*	Stock	350298	
	Brick Red	4	32*	Stock	350299	
<b>VILPE® 110P/IS/350 VENTILATION PIPE + COWL</b>  <b>Description:</b> Insulated ventilation pipe with a cowl. A pass-through according to the roofing material is required separately. <b>Dimensions:</b> Duct size Ø 110 mm, height above roof approx. 300 mm. <b>Contents:</b> Ventilation pipe, screws, cowl.	Black	6	48*	Stock	741402	
	Grey	6	48*	Stock	741407	
	Red	6	48*	Order	741408	
	Brick Red	6	24	Stock	741409	
<b>VILPE® 110P/300 VENTILATION PIPE</b>  <b>Description:</b> Uninsulated ventilation pipe without a cowl. A pass-through according to the roofing material is required separately. A VILPE® Cowl-110 is required for ventilation of attic space and roof structures. <b>Dimensions:</b> Duct size Ø 110 mm, height above roof approx. 300 mm. <b>Contents:</b> Ventilation pipe, screws.	Black	20	80	Order	74122	
	Grey	20	80	Order	74127	
	Red	20	80	Order	74128	
	Brick Red	20	80	Order	74129	
	Light Grey	20	80	Order	74121	
<b>VILPE® 110P/500 VENTILATION PIPE</b>  <b>Description:</b> Uninsulated ventilation pipe. A pass-through according to the roofing material is required separately. A VILPE® Cowl-110 is required for ventilation of attic space and roof structures. <b>Dimensions:</b> Duct size Ø 110 mm, height above roof approx. 500 mm. <b>Contents:</b> Ventilation pipe, screws.	Black	14	112*	Stock	74110	
	Grey	14	112*	Stock	741127	
	Red	14	112*	Stock	741128	
	Brick Red	14	112*	Stock	741129	
	Light Grey	14	56	Stock	741121	
<b>VILPE® 110P/IS/500 VENTILATION PIPE</b>  <b>Description:</b> Insulated sewer ventilation pipe. A pass-through according to the roofing material is required separately, and a VILPE® Flex pipe if needed. If used as a radon ventilator, a VILPE® Cowl 160 is needed. <b>Dimensions:</b> Duct size Ø 110 mm, external Ø 160 mm, height above roof approx. 500 mm. <b>Contents:</b> Ventilation pipe, screws.	Black	12	96	Stock	74161	
	Light Grey	12	96	Stock	741661	
	Grey	12	96	Stock	741667	
	Red	12	96	Stock	741668	
	Brick Red	12	96	Stock	741669	



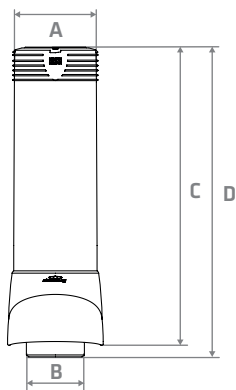
## VILPE® 160P/500 VENTILATION PIPE

**Description:** Uninsulated ventilation pipe without a cowl. A pass-through according to the roofing material is required separately. VILPE® AP Cowl 160 is required for ventilation of attic space and roof structures.

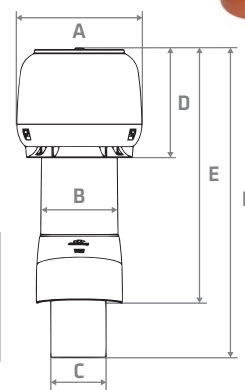
**Dimensions:** Duct size Ø 160 mm, height above roof approx. 500 mm.

**Contents:** Ventilation pipe, screws.

mm	A	B	C	D
110P/300	105	110	352	375
110P/IS/350	160	109	390	580
160P/500	160	160	590	590



mm	A	B	C	D	E	F
110P/300 FLOW	202	110	110	244	499	522
110P/300	202	110	110	178	485	508
110P/IS/350 FLOW	256	158	110	325	608	638
110P/IS/350	256	158	110	221	508	530



## VILPE® FLOW COWL 110

**Description:** FLOW cowl for VILPE® pipe with external Ø 160 mm (i.e. insulated pipe for duct sizes Ø 110 or Ø 125 mm). The cowl attached to an insulated pipe Ø 110 serves as a radon ventilator.

**Contents:** Cowl.

Black	18	72	Stock	350222
Grey	18	72	Stock	350227
Red	18	72	Stock	350228
Brick Red	18	72	Stock	350229



## VILPE® FLOW COWL 160

**Description:** FLOW cowl for VILPE® pipe with external Ø 160 mm (i.e. insulated pipe for duct sizes Ø 110 or Ø 125 mm). The cowl attached to an insulated pipe Ø 110 serves as a radon ventilator.

**Contents:** Cowl.

Black	10	40	Stock	350072
Grey	10	40	Stock	350077
Red	10	40	Stock	350078
Brick Red	10	40	Stock	350079
Light Grey	10	40	Order	350071



## VILPE® AP COWL FLOW 160

**Description:** FLOW cowl for VILPE® 160P/500 Ventilation pipe with external dimensions Ø 160 mm.

**Contents:** Cowl.

Black	12	48	Stock	731622
Grey	12	48	Stock	731627
Red	12	48	Order	731628
Brick Red	12	48	Order	731629



## VILPE® COWL 75

**Description:** Cowl for a pipe with external dimensions Ø 75 mm.

**Contents:** Cowl.

Black			Order	731142
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## VILPE® AP COWL 110

**Description:** AP-Cowl for a pipe with external dimensions Ø 110 mm.

**Contents:** Cowl.

Black		312*	Order	73112
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## VILPE® FREEZE COVER 110/475

**Description:** Retrofittable. Insulation cover for old Ø 110 sewer ventilation pipes. Renewal of both appearance and colour.

**Dimensions:** External Ø 160 mm, height 475 mm.

**Contents:** Freeze cover, screws.

Black	15	60	Stock	74172
Grey	15	60	Stock	741747
Red	15	60	Stock	741748
Brick Red	15	60	Stock	741749





## Ventilation pipes

Pcs/pack Pcs/pallet Delivery Product No.

### VILPE® FLEX PIPE 110

**Description:** For joining VILPE® ventilation pipe to drainage Ø 110 mm.

**Dimensions:** Ø 110 mm.

**Contents:** Flex pipe, fixing clamps.

Flex pipe should not be used as a pipe elbow and it shouldn't be left in an outstretched position after installation.

1 160 Stock 74204



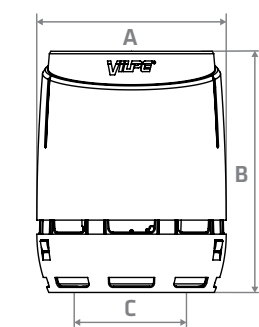
### VILPE® ADAPTER 75/110

**Description:** For joining VILPE® Flex pipe 110 to a pipe Ø 75 mm.

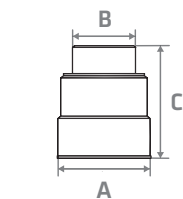
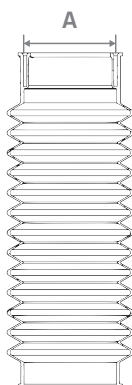
**Dimensions:** Ø 75/110 mm.

**Contents:** Adapter.

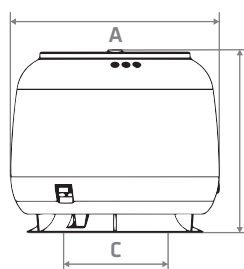
20 240 Stock 74203



mm	A	B	C
FLOW Cowl 110	202	244	110
FLOW Cowl 160	256	325	160

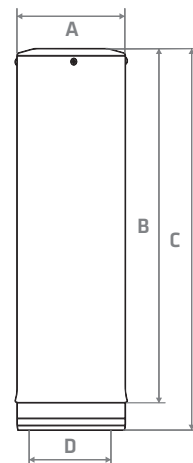


mm	A	B	C
Flex pipe 110	110	75	128



mm	A	B	C
Cowl 75	137	135	75
Cowl 110	202	193	110
Cowl 160	256	221	160

mm	A	B	C	D
Freeze cover	160	449	484	110



## FLOW Exhaust vents

Colour Pcs/pack Pcs/pallet Delivery Product No.

### VILPE® 125P/IS/500 FLOW EXHAUST VENTILATION PIPE

**Description:** Insulated exhaust ventilation pipe with the FLOW-cowl. Includes a galvanized steel inner pipe with a lip seal. A VILPE® pass-through chosen according to roof type and material sold separately.

**Dimensions:** Duct size Ø 125 mm, external Ø 160 mm, height above roof approx. 500 mm.

**Contents:** Exhaust ventilation pipe, FLOW-cowl, screws.

Black 1 32\* Stock 350042  
Grey 1 32\* Stock 350047  
Red 1 32\* Stock 350048  
Brick Red 1 32\* Stock 350049  
Light Grey 1 32\* Order 350041



### VILPE® 160P/IS/500 FLOW EXHAUST VENTILATION PIPE

**Description:** Insulated exhaust ventilation pipe with the FLOW-cowl. Includes a galvanized steel inner pipe with a lip seal. A VILPE® pass-through chosen according to roof type and material sold separately.

**Dimensions:** Duct size Ø 160 mm, external Ø 225 mm, height above roof approx. 500 mm.

**Contents:** Exhaust ventilation pipe, FLOW-cowl, screws.

Black 1 24\* Stock 350052  
Grey 1 24\* Stock 350057  
Red 1 24\* Stock 350058  
Brick Red 1 24\* Stock 350059  
Light Grey 1 24\* Order 350051



### VILPE® 160P/ER/500 FLOW XL EXHAUST VENTILATION PIPE

**NEW**

**Description:** Insulated exhaust ventilation XL pipe with the FLOW-cowl. Includes a galvanized steel inner pipe with a lip seal. A VILPE® XL pass-through chosen according to roof type and material sold separately.

**Dimensions:** Duct size Ø 160 mm, external Ø 300 mm, height above roof approx. 500 mm.

**Contents:** Exhaust ventilation pipe, FLOW-cowl, screws.

Black 1 6 Stock 350102  
Grey 1 6 Stock 350107  
Red 1 6 Stock 350108  
Brick Red 1 6 Stock 350109





## VILPE® 200P/500 FLOW XL EXHAUST VENTILATION PIPE

**NEW**

**Description:** Insulated exhaust ventilation XL pipe with the FLOW-cowl. Includes a galvanized steel inner pipe with a lip seal. A VILPE® XL pass-through chosen according to roof type and material sold separately.

**Dimensions:** Duct size Ø 200 mm, external Ø 300 mm, height above roof approx. 500 mm.

**Contents:** Exhaust ventilation pipe, FLOW-cowl, screws.

Black	1	6	Stock	350132
Grey	1	6	Stock	350137
Red	1	6	Order	350138
Brick Red	1	6	Order	350139



## VILPE® 250P/500 FLOW XL EXHAUST VENTILATION PIPE

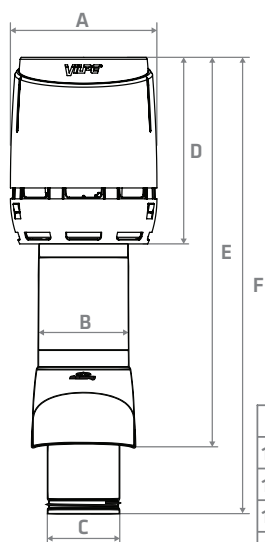
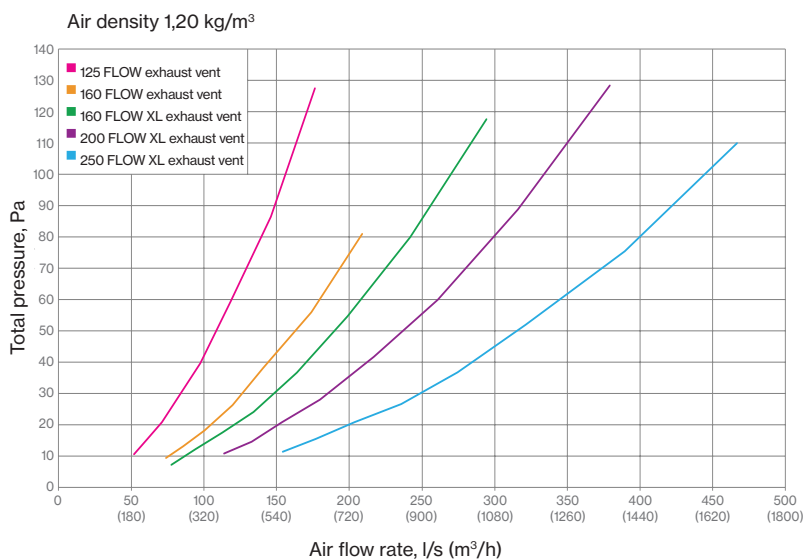
**NEW**

**Description:** Insulated exhaust ventilation XL pipe with the FLOW-cowl. Includes a galvanized steel inner pipe with a lip seal. A VILPE® XL pass-through chosen according to roof type and material sold separately.

**Dimensions:** Duct size Ø 250 mm, external Ø 300 mm, height above roof approx. 500 mm.

**Contents:** Exhaust ventilation pipe, FLOW-cowl, screws.

Black	1	6	Stock	350152
Grey	1	6	Stock	350157
Red	1	6	Order	350158
Brick Red	1	6	Order	350159



mm	A	B	C	D	E	F
125P/500 FLOW	256	158	125	325	608	753
160P/500 FLOW	310	224	160	394	639	841
160P/500 FLOW XL	400	305	160	456	870	1098
200P/500 FLOW XL	400	305	200	456	869	1105
250P/500 FLOW XL	400	305	250	456	868	1111



Colour      Pcs/pack   Pcs/pallet   Delivery   Product No.

## VILPE® 125P/IS/500 EXHAUST VENTILATION PIPE

**Description:** Insulated exhaust ventilation pipe with a cowl. Inner pipe is made of galvanized steel and has a lip seal. A VILPE® pass-through according to the roofing material is required separately.  
**Dimensions:** Duct size Ø 125 mm, external Ø 160 mm, height above roof approx. 500 mm.  
**Contents:** Exhaust ventilation pipe, cowl, screws.

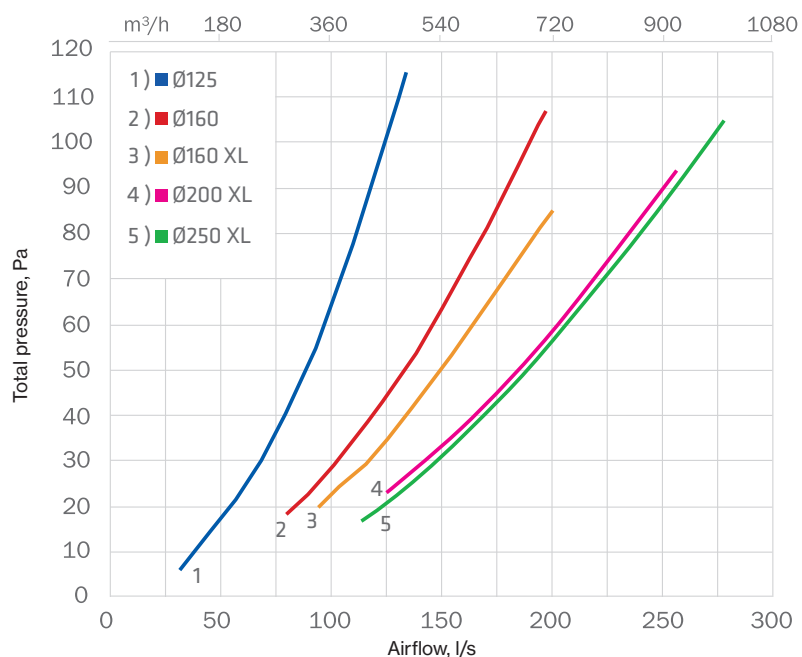
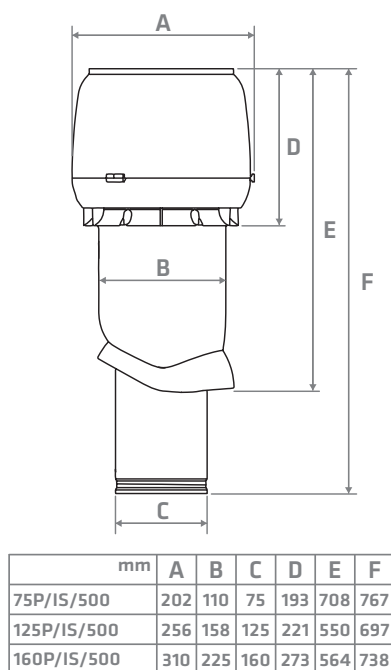
Black	1	24*	Stock	734392
Grey	1	24*	Stock	734397
Red	1	24*	Stock	734398
Brick Red	1	24*	Stock	734399



## VILPE® 160P/IS/500 EXHAUST VENTILATION PIPE

**Description:** Insulated exhaust ventilation pipe with a cowl. Inner pipe is made of galvanized steel and has a lip seal. A VILPE® pass-through according to the roofing material is required separately.  
**Dimensions:** Duct size Ø 160 mm, external Ø 225 mm, height above roof approx. 500 mm.  
**Contents:** Exhaust ventilation pipe, cowl, screws.

Black	1	24*	Stock	741692
Grey	1	24*	Stock	741697
Red	1	24*	Stock	741698
Brick Red	1	24*	Stock	741699
Light Grey	1	12	Stock	741691



## VILPE® 125S 250X250 FLOW EXHAUST VENT

**Description:** Exhaust vent for a flat surface with the FLOW-cowl.  
**Dimensions:** Duct size Ø 125 mm, installation set 250 x 250 mm. The installation area must be at least the same size.  
**Contents:** Exhaust vent, installation set, adapter and screws.

Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.
Black	1	24	Stock	350012
Grey	1	24	Stock	350017
Red	1	24	Order	350018
Brick Red	1	24	Order	350019
Light Grey	1	24	Order	350011



## VILPE® 160S 300X300 FLOW EXHAUST VENT

**Description:** Exhaust vent for a flat surface with the FLOW-cowl.  
**Dimensions:** Duct size Ø 160 mm, installation set 300 x 300 mm. The installation area must be at least the same size.  
**Contents:** Exhaust vent, installation set, adapter and screws.

Black	1	15	Stock	350032
Grey	1	15	Stock	350037
Red	1	15	Order	350038
Brick Red	1	15	Order	350039
Light Grey	1	15	Order	350031



## VILPE® 200S FLOW XL EXHAUST VENT **NEW**

**Description:** Exhaust vent for a flat surface with the FLOW-cowl.  
**Dimensions:** Duct size Ø 200 mm, installation set 400 x 400 mm. The installation area must be at least the same size.  
**Contents:** Exhaust vent, installation set, adapter and screws.

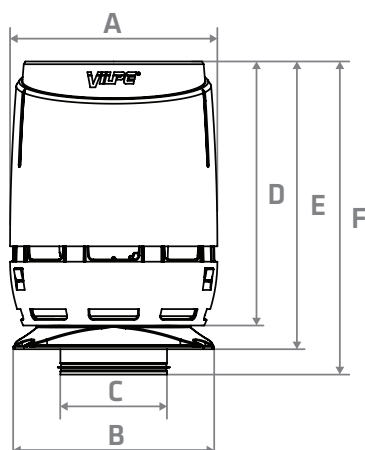
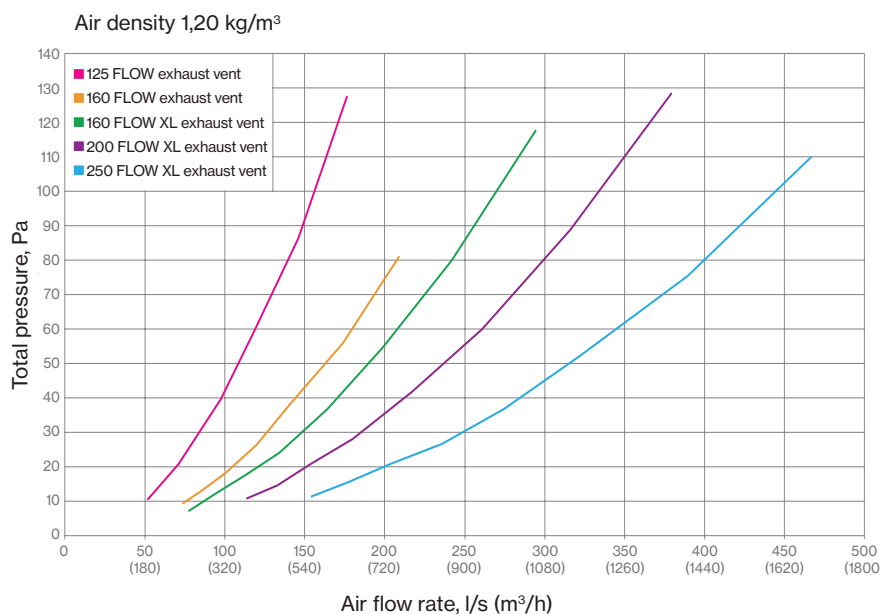
Black	1	8	Stock	350162
Grey	1	8	Stock	350167
Red	1	8	Order	350168
Brick Red	1	8	Order	350169



## VILPE® 250S FLOW XL EXHAUST VENT **NEW**

**Description:** Exhaust vent for a flat surface with the FLOW-cowl.  
**Dimensions:** Duct size Ø 250 mm, installation set 400 x 400 mm. The installation area must be at least the same size.  
**Contents:** Exhaust vent, installation set, adapter and screws.

Black	1	8	Stock	350172
Grey	1	8	Stock	350177
Red	1	8	Order	350178
Brick Red	1	8	Order	350179



mm	A	B	C	D	E	F
125S FLOW	256	250	125	325	371	403
160S FLOW	310	300	160	394	441	461
200S FLOW	400	395	200	457	524	560
250S FLOW	400	395	250	457	524	560



# VILPE® FLOW

**NEW** 315-630S FLOW exhaust vents for industrial buildings and multi-apartment complexes- an all-in-one solution

## 315-630S EXHAUST VENTS

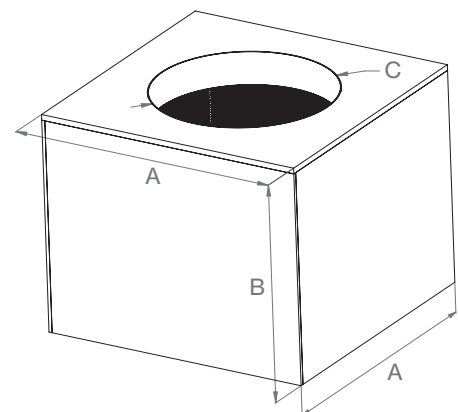
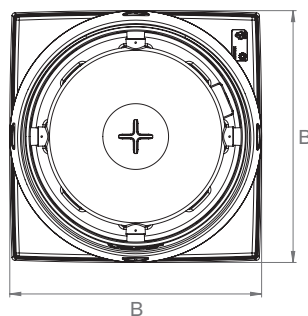
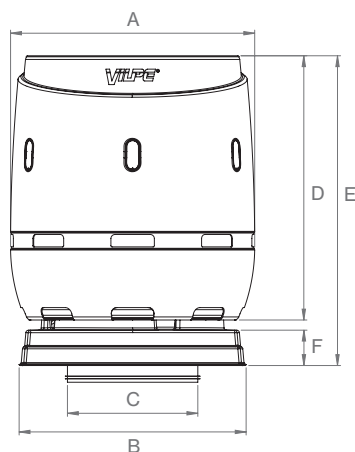
Duct sizes: Ø 315, 400, 500 and 630 mm

Excellent performance data

Excellent water separation

Made of light and durable polyethylene

Chemically resistant



## READY-MADE PASS-THROUGHS

Sizes: 724 x 724 mm (Ø 315/400) and 970 x 970 mm (Ø 500/630)

Quick and easy to install

Made of film-faced plywood with sheet metal flashings for excellent water-tightness

Uncut baseplate allows adjustment for the ventilation duct

100 mm insulation layer with fire class a1

Fasteners and screws included

Ready-made steel flashing available

Built-in silencer

The VILPE 315-630S FLOW exhaust vents and ready-made pass-throughs provide an excellent all-in-one solution for larger ventilation projects. The products can be used as exhaust vents in new or renovated industrial buildings, apartment buildings, hotels, sports halls, or in other large buildings with a ventilation unit. Both the exhaust vents and the pass-throughs can be found in MagiCAD.

	A	B	C	D	E	F
315S FLOW EXHAUST VENT	Ø800	800	Ø315	865	1065	171
400S FLOW EXHAUST VENT	Ø800	800	Ø400	865	1065	173
500S FLOW EXHAUST VENT	Ø1180	1097	Ø500	1277	1497	170
630S FLOW EXHAUST VENT	Ø1180	1097	Ø630	1277	1497	170

	A	B	C
315S FLOW PASS-THROUGH SILENCER	724	800	Ø316
400S FLOW PASS-THROUGH SILENCER	724	800	Ø401
500S FLOW PASS-THROUGH SILENCER	970	801	Ø501
630S FLOW PASS-THROUGH SILENCER	970	801	Ø631

## VILPE® 315S FLOW EXHAUST VENT **NEW**

**Description:** Exhaust vent with a FLOW cowl. Installed on a square-shaped 724x724 mm pass-through. An assembled square-shaped VILPE pass-through with a silencer is available.

**Dimension:** Ø 315 mm.

**Content:** Exhaust vent, Ø 315 mm galvanized steel connection pipe.

Black	1	1	Order	350402
Grey	1	1	Order	350407



## VILPE® 400S FLOW EXHAUST VENT **NEW**

**Description:** Exhaust vent with a FLOW cowl. Installed on a square-shaped 724x724 mm pass-through. An assembled square-shaped VILPE pass-through with a silencer is available.

**Dimension:** Ø 400 mm.

**Content:** Exhaust vent, Ø 400 mm galvanized steel connection pipe.

Black	1	1	Order	350412
Grey	1	1	Order	350417



## VILPE® 500S FLOW EXHAUST VENT **NEW**

**Description:** Exhaust vent with a FLOW cowl. Installed on a square-shaped 970x970 mm pass-through. An assembled square-shaped VILPE pass-through with a silencer is available.

**Dimension:** Ø 500 mm.

**Content:** Exhaust vent, Ø 500 mm galvanized steel connection pipe.

Black	1	1	Order	350432
Grey	1	1	Order	350437



## VILPE® 630S FLOW EXHAUST VENT **NEW**

**Description:** Exhaust vent with a FLOW cowl. Installed on a square-shaped 970x970 mm pass-through. An assembled square-shaped VILPE pass-through with a silencer is available.

**Dimension:** Ø 630 mm.

**Content:** Exhaust vent, Ø 630 mm galvanized steel connection pipe.

Black	1	1	Order	350442
Grey	1	1	Order	350447



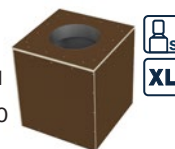
## VILPE® 315/400S FLOW PASS-THROUGH SILENCER **NEW**

**Description:** Pass-through for 315S and 400S FLOW. Made of made of plywood and insulated with a 100 mm mineral wool layer. Inside, the pass-through is covered with a perforated, zinc sheet metal layer, which works as a silencer.

**Dimension:** 724x724x800 mm

**Content:** Pass-through, screws.

315S	1	1	Order	350421
400S	1	1	Order	350420



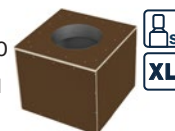
## VILPE® 500/630S FLOW PASS-THROUGH SILENCER **NEW**

**Description:** Pass-through for 500S and 630S FLOW. Made of made of plywood and insulated with a 100 mm mineral wool layer. Inside, the pass-through is covered with a perforated, zinc sheet metal layer, which works as a silencer.

**Dimension:** 970x970x801 mm.

**Content:** Pass-through, screws.

500S	1	1	Order	350450
630S	1	1	Order	350451



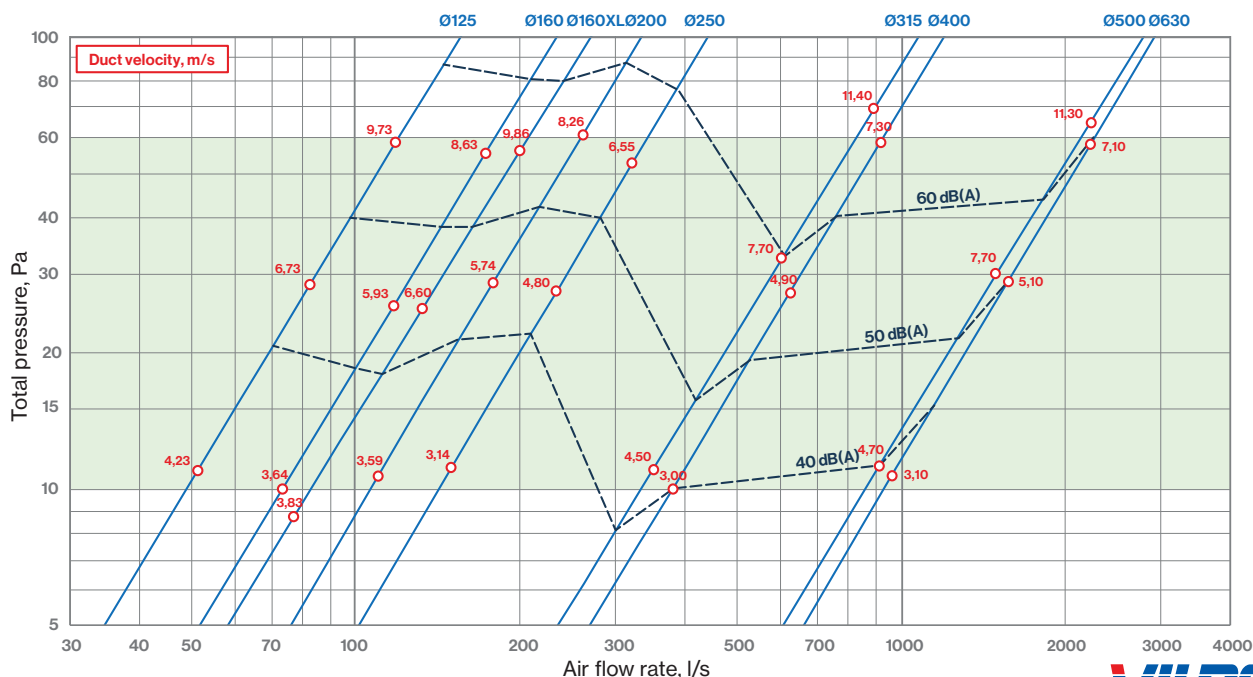
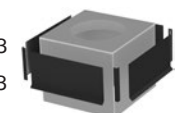
## VILPE® FLOW STEEL FLASHING SET FOR PASS-THROUGH **NEW**

**Description:** Painted steel flashing enables a water-tight attachment of the pass-through to the roof material.

**Dimension:** <sup>1</sup>437x720 mm; <sup>2</sup>437x966 mm.

**Contents:** Painted steel flashing set in black, corner covers.

<sup>1</sup> 315/400S	1	1	Order	350423
<sup>2</sup> 500/630S	1	1	Order	350453





VILPE® 125S 250X250 EXHAUST VENT

**Description:** Exhaust vent for a flat surface.  
**Dimensions:** Duct size Ø 125 mm, installation set 250 x 250 mm. The installation area must be at least the same size.  
**Contents:** Exhaust vent, installation set, adapter and screws.

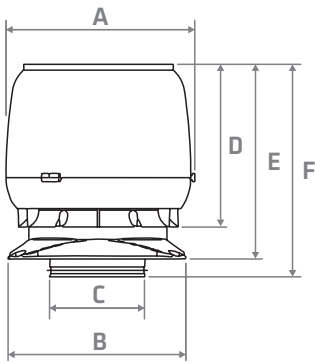
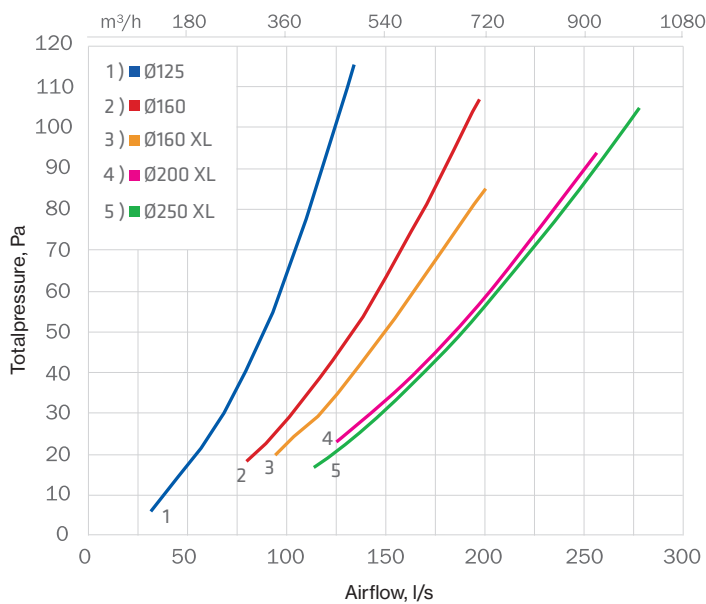
Black	1	24	Stock	741802
Grey	1	24	Stock	741807
Red	1	24	Order	741808
Brick Red	1	24	Order	741809



VILPE® 160S 300X300 EXHAUST VENT

**Description:** Exhaust vent for a flat surface.  
**Dimensions:** Duct size Ø 160 mm, installation set 300 x 300 mm. The installation area must be at least the same size.  
**Contents:** Exhaust vent, installation set, adapter and screws.

Black	1	18	Stock	741822
Grey	1	18	Stock	741827
Red	1	18	Order	741828
Brick Red	1	18	Order	741829



mm	A	B	C	D	E	F
125S	256	250	125	193	269	322
160S	310	300	160	273	328	358





## VILPE® INTAKE VENT - SUPPLY AIR INTAKE

The **VILPE® Intake Vent supply air element** is a rooftop supply air component for ventilation systems. It is compatible with Ø 160 mm ventilation ducts.

The element includes a new and unique VILPE® supply air hood. The hood directs away rain, and the details in the design ensure minimal pressure loss.

The new modern design perfectly matches the classic VILPE® exhaust pipe providing an elegant look on the roof.

The **VILPE® Intake Vent supply air element** should be installed using VILPE® pass-throughs.



Colour Pcs/pack Pcs/pallet Delivery Product No.

### VILPE® 160P/IS/500 INTAKE VENT

**Description:** Intake vent for mechanical ventilation, installed on the roof. Includes the new VILPE® Intake Cowl, which unique structure separates rain droplets from the outside air. The attention to detail in the design ensures minimal pressure loss.

**Dimensions:** Duct size Ø 160 mm, external Ø 225 mm, height above roof approx. 500 mm.

**Contents:** Ventilation pipe, Intake Cowl, screws.

Black	1	12	Stock	741882
Grey	1	12	Stock	741887
Red	1	12	Order	741888
Brick Red	1	12	Stock	741889
Light Grey	1	6	Order	741881



### VILPE® 160S INTAKE VENT

**Description:** Roof mounted intake vent for mechanical ventilation. Includes the new VILPE® Intake cowl. The cowls design ensures superb water separation with minimal pressure loss.

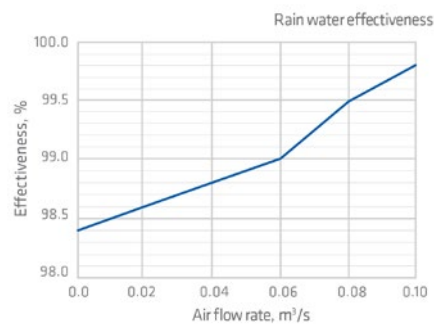
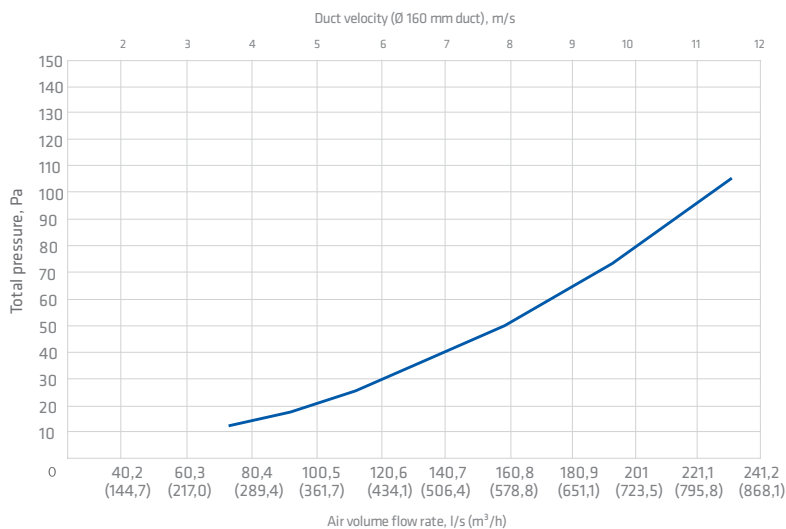
**Dimensions:** Duct size Ø 160 mm, external Ø 300 mm, installation set 300 x 300 mm. The installation area must be at least the same size.

**Contents:** Ventilation pipe, Intake cowl, installation set, screws.

Black	1	18	Stock	741892
Grey	1	18	Order	741897
Red	1	18	Order	741898
Brick Red	1	18	Order	741899
Light Grey	1	18	Order	741891



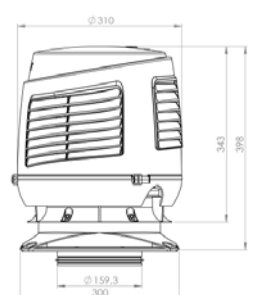
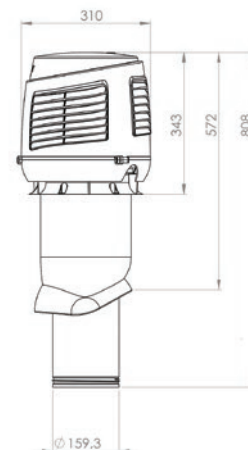
Device: VILPE Air intake unit (Ø 160 mm duct)  
Performance of the device  
Aerodynamic and flow noise properties  
EN 12238:2001  
ISO 5135:1997  
Air density: 1.20 kg/m³



Air flow rate		Performance	
q <sub>v</sub> m³/s	v m/s	E %	Class
0.00	0.00	98.4	B
0.02	1.00	98.6	B
0.04	2.00	98.8	B
0.06	3.00	99.0	A
0.08	4.00	99.5	A
0.10	5.00	99.8	A

Symbols and units

q<sub>v</sub> Air flow rate, m³/s  
v Core velocity, m/s  
E Effectiveness, %



Fresh indoor air with  
the intake vent

# VILPE® WIVE

- Blends into the wall
- No additional maintenance required
- Draft free design
- Filters contaminants from the air
- Fast and easy filter change
- Easy installation
- With or without thermostat
- Silencer sold separately

VILPE Wive intake vent brings fresh outdoor air into the building, without the sense of draft. And what's best of all, the white intake vent can easily be wallpapered or painted to blend into the interior. Intake vents for window vents are now also available in the Wive-series.



> [VILPE.COM/WIVE](https://vilpe.com/wive)



**VILPE®**  
*Wive*

**10** year  
warranty



The wallpaper in the pictures is Nocturne 6331 from Boråstapeter and the colour of the paint is V490 from Tikkurila.

BORÅSTAPETER

 **TIKKURILA**

## VILPE® WIVE 100 INTAKE VENT SET THERMOSTAT **NEW**

**Description:** The VILPE Wive intake vent brings in fresh outdoor air. The intake vent can be painted or wallpapered. The product fits buildings with passive ventilation. The intake vent can be installed on a wall or retrofitted to replace an old vent. Includes three through-the-wall extension pipes, maximum length 440 mm.

**Dimensions:** Intake vent 100 x 100 mm. Multifunction grille 150 x 150 mm.

**Content:** Intake vent, filter, thermostat, VILPE Multifunction grille and instruction manuals.

## VILPE® WIVE 100 INTAKE VENT SET **NEW**

**Description:** The VILPE Wive intake vent brings in fresh outdoor air. The intake vent can be painted or wallpapered. The product fits buildings with mechanical ventilation. The intake vent can be installed on a wall or retrofitted to replace an old vent. VILPE Multifunction grille is to be installed on the exterior wall. Includes three through-the-wall extension pipes, maximum length 440 mm.










**Dimensions:** Intake vent 100 x 100 mm. Multifunction grille 150 x 150 mm.

**Content:** Intake vent, filter, instruction manual, VILPE Multifunction grille.

Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.
White	1	84	Stock	380000
White	1	84	Stock	380010



## Wive Intake vents

	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.	
<b>VILPE® WIVE 100 INTAKE VENT THERMOSTAT</b> <b>NEW</b> <b>Description:</b> The VILPE Wive intake vent brings in fresh outdoor. The intake vent can be painted or wallpapered. The product fits buildings with passive ventilation. The intake vent can be installed on a wall or retrofitted to replace an old vent. Includes three through-the-wall extension pipes, maximum length 440 mm. <b>Dimensions:</b> Intake vent 100 x 100 mm. <b>Content:</b> Intake vent, filter, thermostat, instruction manual.	White	1	84	Stock	380030	
<b>VILPE® WIVE 100 INTAKE VENT</b> <b>NEW</b> <b>Description:</b> The VILPE Wive intake vent brings in fresh outdoor air. The intake vent can be painted or wallpapered. The product fits buildings with mechanical ventilation. The intake vent can be installed on a wall or retrofitted to replace an old vent. VILPE Multifunction grille is to be installed on the exterior wall. Includes three through-the-wall extension pipes, maximum length 440 mm. <b>Dimensions:</b> Intake vent 100 x 100 mm. <b>Content:</b> Intake vent, filter, instruction manual.	White	1	84	Stock	380040	
<b>VILPE® WIVE 100 INTAKE VENT FOR VENTILATION WINDOW +THERM.</b> <b>NEW</b> <b>Description:</b> The VILPE Wive intake vent brings in fresh outdoor air. The intake vent can be painted or wallpapered. The product fits buildings with mechanical ventilation. This product is installed on a window vent with minimum thickness of 40 mm and maximum 90 mm. The intake vent's cover is insulated to prevent condensation. <b>Dimensions:</b> Intake vent 100 x 100 mm. <b>Content:</b> Intake vent, thermostat, instruction manuals.	White	1	245	Stock	380070	
<b>VILPE® WIVE 100 INTAKE VENT FOR VENTILATION WINDOW</b> <b>NEW</b> <b>Description:</b> The VILPE Wive intake vent brings in fresh outdoor air. The intake vent can be painted or wallpapered. The product fits buildings with mechanical ventilation. This product is installed on a window vent with minimum thickness of 40 mm and maximum 90 mm. The intake vent's cover is insulated to prevent condensation. <b>Dimensions:</b> Intake vent 100 x 100 mm. <b>Content:</b> Intake vent, instruction manuals.	White	1	245	Stock	380080	
<b>VILPE® WIVE 100 INTAKE VENT FILTERS (5 pc.)</b> <b>NEW</b> <b>Description:</b> Filters for the VILPE Wive intake vent. Effectively filters the air from outdoor air pollutants. <b>Content:</b> Filter (5 pc.).		25	100	Stock	380022	
<b>VILPE® WIVE 100 COARSE FILTER (5 pc.)</b> <b>NEW</b> <b>Description:</b> Filter for VILPE Wive window vents. <b>Dimensions:</b> Ø 90 mm, thickness 15 mm. <b>Content:</b> Filter (5 pc.).		25	100	Stock	380025	
<b>VILPE® WIVE 100 INTAKE VENT SILENCER (1 pc.)</b> <b>NEW</b> <b>Description:</b> Silencer for VILPE Wive intake vent. Dampens outdoor noise that can enter the room through the intake vent. <b>Dimensions:</b> Ø 100 mm. <b>Content:</b> Silencer (1 pc.).		50	1000	Stock	380023	
<b>VILPE® WIVE 100 EXTENSION PIPE</b> <b>NEW</b> <b>Description:</b> Extension pipe for the VILPE Wive intake vent. Effectively filters the air from outdoor air pollutants. <b>Dimensions:</b> Ø 100 mm x 160 mm. <b>Content:</b> Extension pipe.		58	464	Stock	380060	
<b>VILPE® WIVE 100 FITTING PLATE 200X200</b> <b>NEW</b> <b>Description:</b> Fitting plate for cases when the diameter of the hole left from the previous intake vent is too large for VILPE Wive. The fitting plate covers the hole allowing the installation of VILPE Wive. <b>Dimensions:</b> 200 x 200 mm. <b>Content:</b> Fitting plate.		58		Stock	380026	



## Multifunction grilles

The Multifunction grille works as a ventilation grille for variety of spaces.

The product can also be used as an intake or exhaust vent for mechanical ventilation, in which case a duct fitting plate is required. The duct fitting plate is then joined to the intake/exhaust vent.

An insect net may be deployed to prevent insects and debris from entering through the grille when it is used in a natural ventilation system.

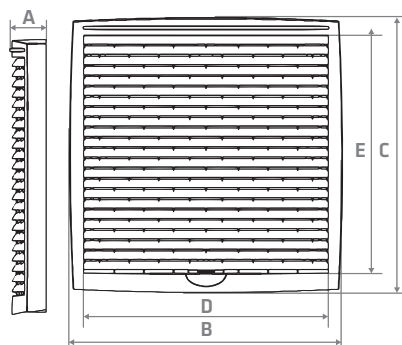


	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.	
<b>VILPE® MULTIFUNCTION GRILLE 150 X 150</b> <b>Description:</b> When used in mechanical ventilation, a duct fitting plate Ø 60 or 100 mm is required. <b>Dimensions:</b> 150 x 150 mm. <b>Contents:</b> Multifunction grille, 6 mm plugs and screws.	White	1	480	Stock	793320	
	Beige	1	480	Stock	793321	
	Black	1	480	Stock	793322	
	Light Grey	1	480	Stock	793323	
	Grey	1	480	Stock	793327	
	Red	1	480	Stock	793328	
<b>VILPE® MULTIFUNCTION GRILLE 240 X 240</b> <b>Description:</b> When used in mechanical ventilation, a duct fitting plate Ø 125, 160 or 200 mm is required. <b>Dimensions:</b> 240 x 240 mm. <b>Contents:</b> Multifunction grille, 6 mm plugs and screws.	White	1	180	Stock	793330	
	Beige	1	180	Stock	793331	
	Black	1	180	Stock	793332	
	Light Grey	1	180	Stock	793333	
	Grey	1	180	Stock	793337	
	Red	1	180	Stock	793338	
<b>VILPE® MULTIFUNCTION GRILLE 375 X 375</b> <b>Description:</b> When used in mechanical ventilation, a duct fitting plate Ø 200, 250 or 315 mm is required. <b>Dimensions:</b> 375 x 375 mm. <b>Contents:</b> Multifunction grille, 6 mm plugs and screws.	White	1	60	Stock	793340	
	Beige	1	64	Order	793341	
	Light Grey	1	64	Stock	793343	
	Grey	1	64	Stock	793347	
	Red	1	60	Stock	793348	
VILPE® DUCT FITTING PLATE 60 MM (for 150 x 150 grille)		1	720	Stock	793352	
VILPE® DUCT FITTING PLATE 125 MM (for 150 x 150 grille)		1	480	Stock	793353	
VILPE® DUCT FITTING PLATE 125 MM (for 240 x 240 grille)		1	180	Stock	793354	
VILPE® DUCT FITTING PLATE 160 MM (for 240 x 240 grille)		1	180	Stock	793355	
VILPE® DUCT FITTING PLATE 200 MM (for 240 x 240 grille)		1	180	Stock	793359	
VILPE® DUCT FITTING PLATE 200 MM (for 375 x 375 grille)		1	120	Stock	793356	
VILPE® DUCT FITTING PLATE 250 MM (for 375 x 375 grille)		1	112	Stock	793357	
VILPE® DUCT FITTING PLATE 310 MM (for 375 x 375 grille)		1	112	Stock	793358	
VILPE® INSECT NET 150 X 150 (for 150 x 150 grille)		1	200	Stock	793362	
VILPE® INSECT NET 240 X 240 (for 240 x 240 grille)		1	100	Stock	793364	

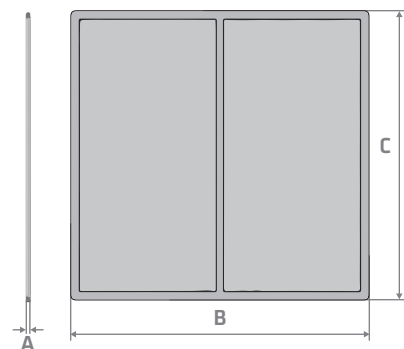
# Multifunction grilles

## Technical data

Multifunction grilles	Duct fitting plate
150 x 150 mm	Ø 60 Ø 100
240 x 240 mm	Ø 125 Ø 160 Ø 200 II
375 x 375 mm	Ø 200 I Ø 250 Ø 315



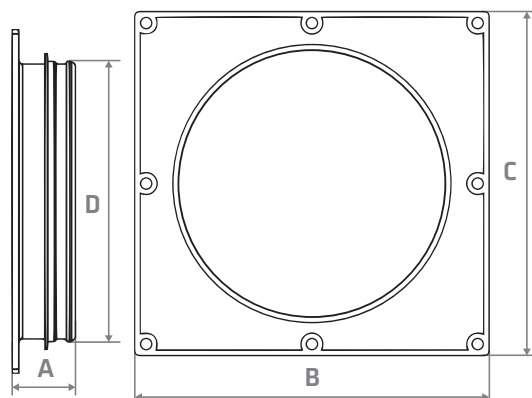
mm	A	B	C	D	E
150 x 150	20	150	-	-	-
240 x 240	30	240	241	215	209
375 x 375	47	374	377	326	327



mm	A	B	C
150 x 150	3	112	117
240 x 240	3	201	195

	Reference colour
	Light grey RAL 7038
	Grey RAL 7015
	Red RAL 3009
	White RAL 9016
	Beige RAL 1001

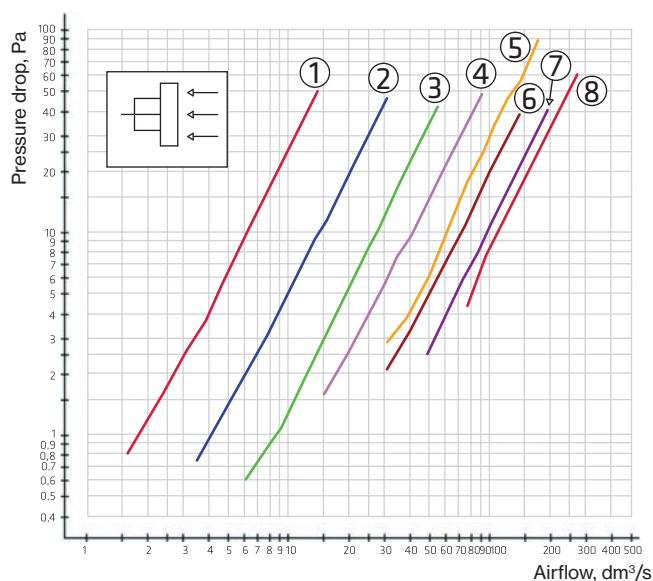
Due to printing technical reasons, actual product colours may differ from those shown in the Catalogue.



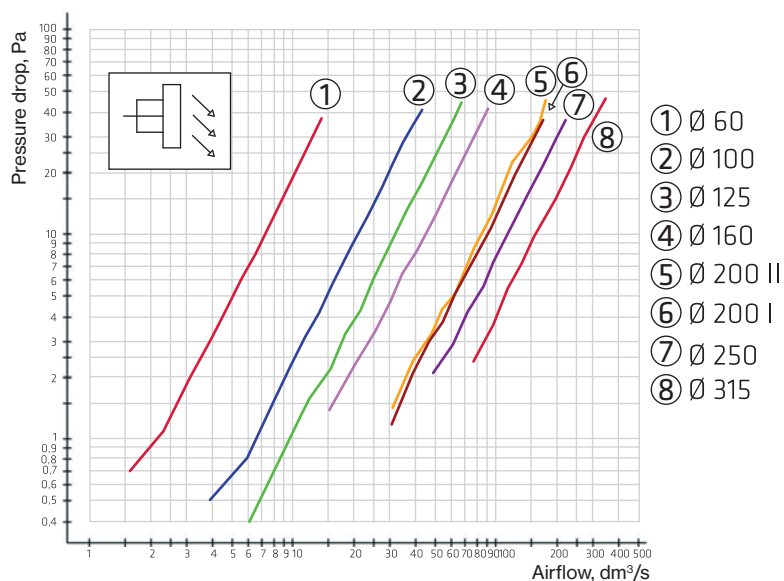
mm	A	B	C	D
793352	32	112	117	60
793353	32	-	-	99
793354	36	201	195	124
793355	36	201	195	159
793356	32	-	-	200
793357	32	-	-	249
793358	30	-	-	314
793359	-	-	-	-

## Airflow of Multifunction grille

### VILPE® Multifunction grille inward airflow



### VILPE® Multifunction grille outward airflow



In mechanical ventilation system direction of air flow from inside to outside, without insect net. In the grille the exhaust air is directed diagonally downwards.

# VILPE® IO

## ADJUSTABLE AIR INTAKE / OUTTAKE SOLUTION FOR BUILDING VENTILATION

VILPE® IO is a new air ventilation solution for apartment buildings. The exterior wall-mounted product combines VILPE®'s fantastic design with its widely recognized quality.

Because of its adjustability, the product fits a wide range of objects. The air flow is adjustable with an included contraction part, enabling the same product to easily be used for different apartment sizes. On top of this, the handedness of VILPE® IO's air impeller can easily be changed and the product is therefore adaptable to both left- and right-sided air intakes and exhaust air blow-outs. This product is made of durable polypropylene for long life expectancy, regardless of weather conditions.

VILPE® IO is available in flue sizes 125, 160, 200 and 250 mm.

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

**Contraction part for air flow regulation included, fits different sized apartments**



VILPE® IO 125 wall element with contraction part

**Changeable air intake and exhaust air blow-out directions**

Colour Pcs/pack Pcs/pallet Delivery Product No.

### VILPE® IO 125 -WALL ELEMENT

**Usage:** Exterior wall-mounted product with a contraction part, enabling the same product to be used for different apartment sizes. The handedness of VILPE® IO's air impeller can be adapted to both left- and right-sided air intakes and exhaust air blow-outs.

**Dimensions:** Ø 125 mm.

**Contents:** Wall-mounted gear, contraction part, installation instructions.

White	1	24	Stock	370000
Black	1	24	Stock	370002
Grey	1	24	Stock	370007
Red	1	24	Stock	370008



### VILPE® IO 160 -WALL ELEMENT

**Usage:** Exterior wall-mounted product with a contraction part, enabling the same product to be used for different apartment sizes. The handedness of VILPE® IO's air impeller can be adapted to both left- and right-sided air intakes and exhaust air blow-outs.

**Dimensions:** Ø 160 mm.

**Contents:** Wall-mounted gear, contraction part, installation instructions.

White	1	24	Stock	370100
Black	1	24	Stock	370102
Grey	1	24	Stock	370107
Red	1	24	Stock	370108



### VILPE® IO 200 -WALL ELEMENT **NEW**

**Usage:** Exterior wall-mounted product with a contraction part, enabling the same product to be used for different apartment sizes. The handedness of VILPE® IO's air impeller can be adapted to both left- and right-sided air intakes and exhaust air blow-outs.

**Dimensions:** Ø 200 mm.

**Contents:** Wall-mounted gear, contraction part, installation instructions.

White	1	12	Stock	370200
Black	1	12	Order	370202
Grey	1	12	Stock	370207
Red	1	12	Order	370208



### VILPE® IO 250 -WALL ELEMENT **NEW**

**Usage:** Exterior wall-mounted product with a contraction part, enabling the same product to be used for different apartment sizes. The handedness of VILPE® IO's air impeller can be adapted to both left- and right-sided air intakes and exhaust air blow-outs.

**Dimensions:** Ø 250 mm.

**Contents:** Wall-mounted gear, contraction part, installation instructions.

White	1	12	Stock	370300
Black	1	12	Order	370302
Grey	1	12	Stock	370307
Red	1	12	Order	370308



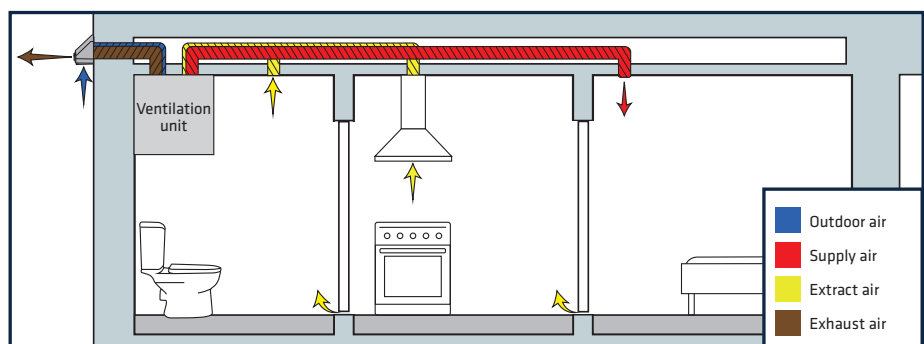
## When to use the reduction piece

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

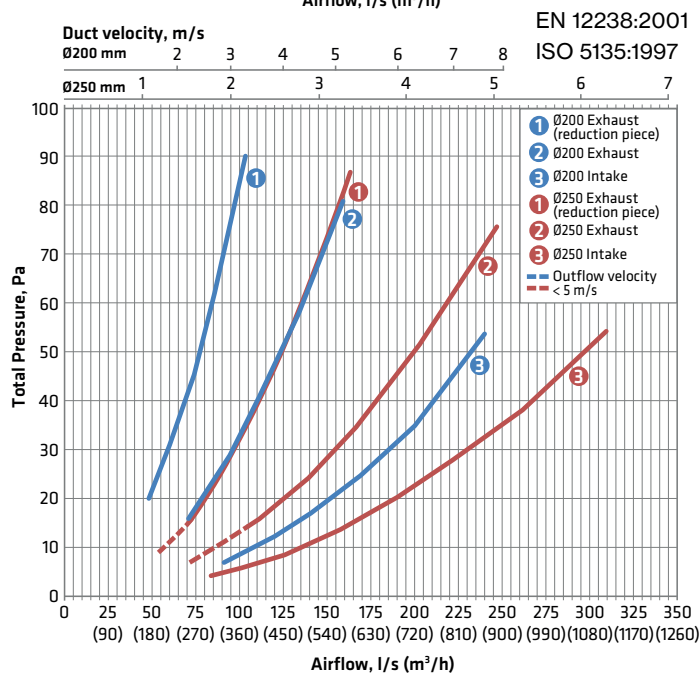
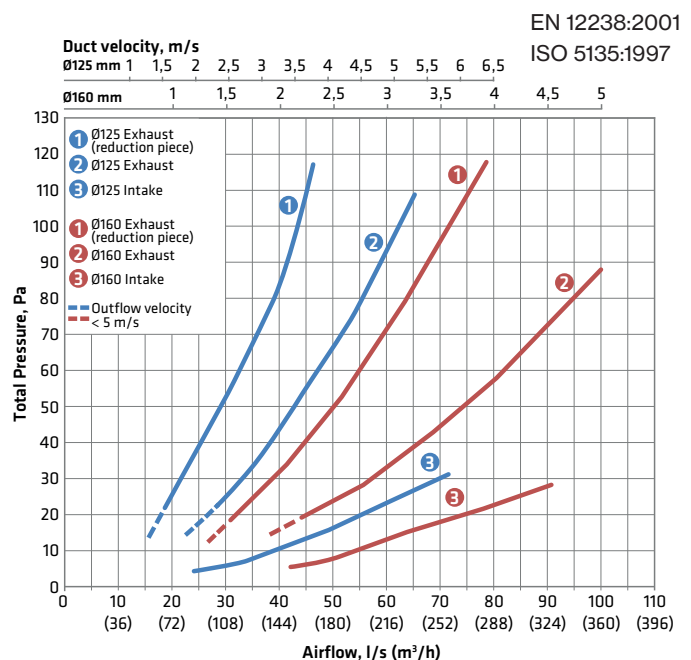
## Air ventilation

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

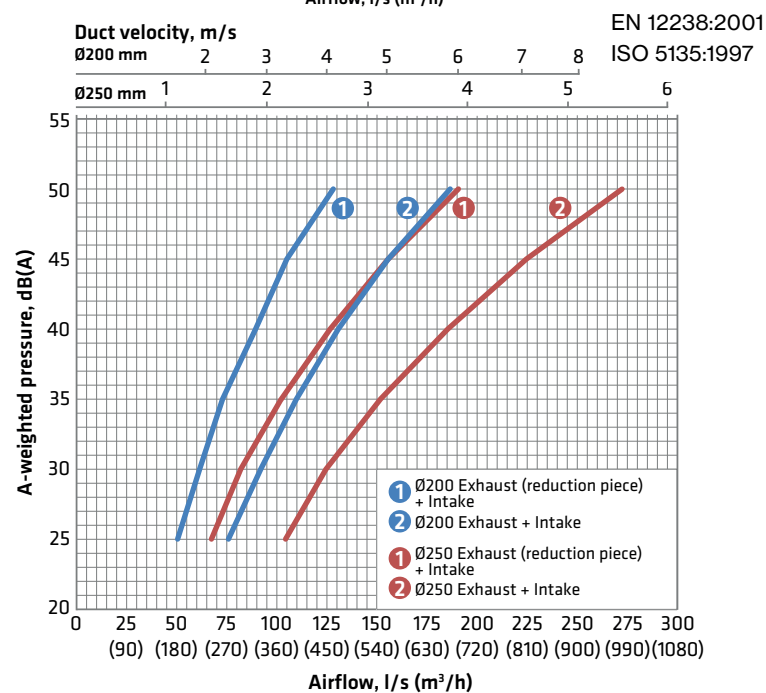
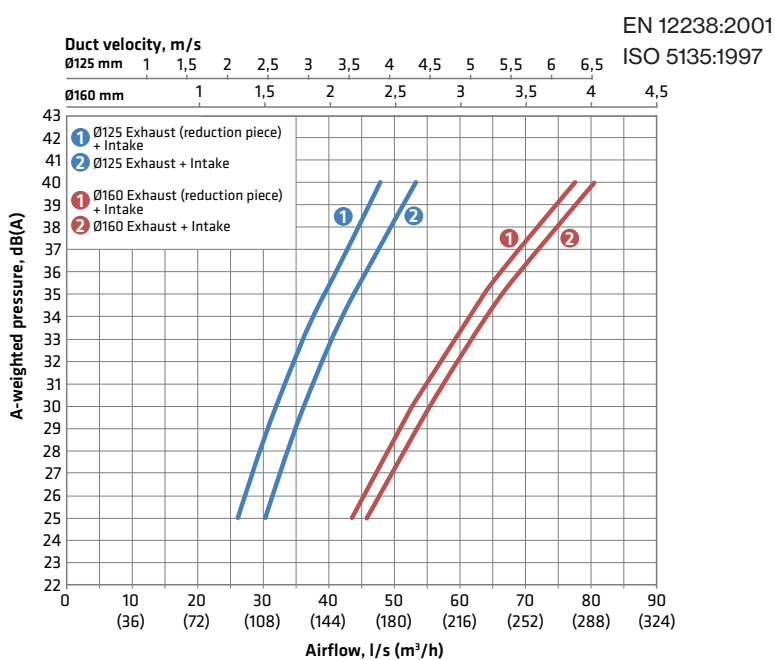
VILPE® product	Exhaust airflow l/s (m³/h) Reduction piece needed	No reduction piece needed
IO 125	18-27 (65-97)	>27 (>97)
IO 160	30-44 (108-158)	>44 (>158)
IO 200	48-70 (173-251)	>70 (>251)
IO 250	72-106 (261-381)	>106 (>381)



## Performance and flow data



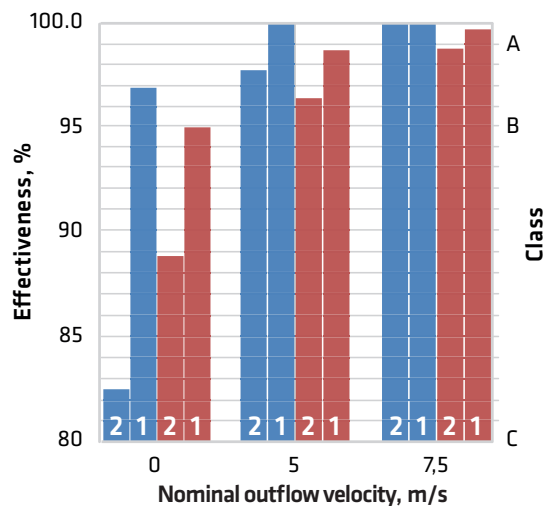
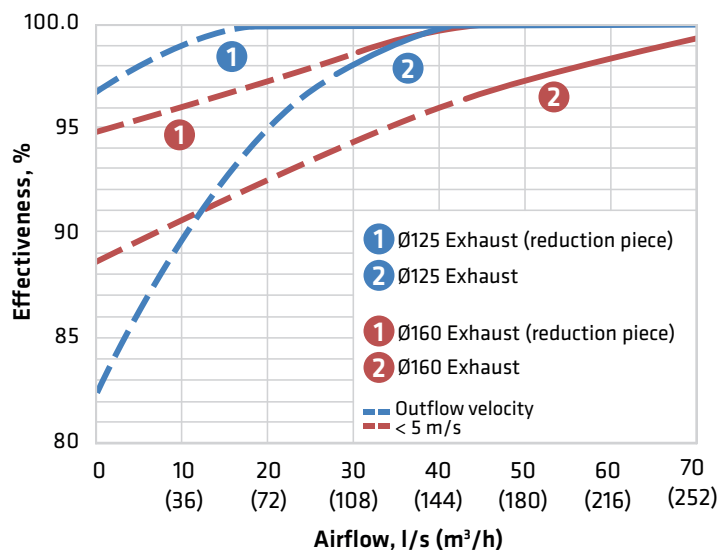
## Flow noise



## Rain rejection

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

EN 13030:2001







## P-series pass-throughs: 75 – 160 mm

Colour Pcs/pack Pcs/pallet Delivery Product No.

### VILPE® EVO 2K PASS-THROUGH

Description: Monier/Braas Tectiva/Braas Tegalit plain tiles with length 420 mm, width 330 mm.  
Contents: Pass-through, underlay 2K seal, screws, installation instructions/template for the underlay seal and the pass-through.

Black	1	24	Stock	300072
Grey	1	24	Stock	300077
Red	1	24	Order	300078
Brick Red	1	24	Order	300079
Anthracite	1	24		30007G



### VILPE® CLASSIC VINO 2K PASS-THROUGH

Description: Plain standing seam roofing or if retrofitted, also felt roofing. Thick rubber seal on the bottom of the flange. Sealing compound (not incl.) required on felt roofing. Minimum roof pitch 1:5 (11,5°).  
Contents: Pass-through, underlay 2K seal, screws, installation instructions/templates for the underlay seal and the pass-through.

Black	1	48	Stock	746002
Grey	1	48	Stock	746007
Red	1	48	Stock	746008
Brick Red	1	48	Stock	746009
Light Grey	1	48	Stock	746001



### VILPE® TILE 2K PASS-THROUGH

Description: The most common concrete tile roofing types. Replaces one 2-wave concrete tile up to width 330 mm and wave height 27–40 mm.  
Contents: Pass-through, underlay 2K seal, screws, installation instructions/template for the underlay seal and the passthrough.

Black	1	36	Stock	300002
Grey	1	36	Stock	300007
Red	1	36	Stock	300008
Brick Red	1	36	Stock	300009
Light Grey	1	18	Order	300001



### VILPE® UNITILE 2K PASS-THROUGH

Description: All tile roofings (ceramic, clay, concrete and special tiles, 1- and 2-wave tiles and plain tiles).  
Contents: Pass-through, underlay 2K seal, upper edge seal set, bottom bracket, screws, installation instructions/template for the underlay seal and the pass-through.

Black	1	24	Stock	300062
Grey	1	24	Stock	300067
Red	1	24	Stock	300068
Brick Red	1	24	Stock	300069



### VILPE® PROFILED STEEL 2K PASS-THROUGH

Description: All round profiled metal sheet roofing types (tilepatterned). Minimum length of tile pattern 350 mm. Mouldable and fully waterproof thanks to the rubber seal on the bottom surface.  
Contents: Pass-through, underlay 2K seal, sealing compound, screws, installation instructions/templates for the underlay seal and the pass-through.

Black	1	48	Stock	300032
Grey	1	48	Stock	300037
Red	1	48	Stock	300038
Brick Red	1	24	Stock	300039



### VILPE® VITTINGE 2K PASS-THROUGH

Description: Vittinge clay tile roofing.  
Contents: Pass-through, underlay 2K seal, screws, installation instructions/templates for the underlay seal and the pass-through.

1-WAVED E13	Brick Red	1	18	Order	300029
2-WAVED T11	Brick Red	1	18	Order	300059



### VILPE® AALTO 2K PASS-THROUGH

Description: Ruukki's Adamante or similar metal sheet roofing.  
Contents: Pass-through, underlay 2K seal, sealing compound, screws, installation instructions/templates for the underlay seal and the pass-through.

Black	1	24	Stock	740742
Grey	1	24	Stock	740747
Red	1	24	Stock	740748
Brick Red	1	24	Stock	740749
Chocolate Br.	1	24	Order	74074B
Winered	1	24	Order	74074W



## P-series pass-throughs: 75 – 160 mm



### VILPE® TILE PASS-THROUGH

**Description:** The most common concrete tile roofing types. Replaces one 2-wave concrete tile with width of 330 mm and wave height of 27–40 mm.

**Contents:** Pass-through, underlay ring, screws, installation instructions.

Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.
Black	1	24	Stock	74011
Grey	1	24	Stock	74017
Red	1	24	Stock	74015
Brick Red	1	24	Stock	74021
Light Grey	1	24	Order	74012



### VILPE® UNITILE PASS-THROUGH

**Description:** All tile roofings (ceramic, clay, concrete and special tiles, 1- and 2-wave tiles and plain tiles).

**Contents:** Pass-through, underlayring, upper edge seal set, bottom bracket, screws, installation instructions/template for the underlay seal and the pass-through.

Black	1	12	Stock	740902
Grey	1	12	Stock	740907
Red	1	12	Stock	740908
Brick Red	1	12	Stock	740909
Anthracite	1	12	Order	74090G



### VILPE® VITTINGE PASS-THROUGH

**Description:** Vittinge clay tile roofing.

**Contents:** Pass-through, underlay ring, screws, installation instructions.

1-WAVED E13

2-WAVED T11

Brick Red	1	24	Stock	74009
Brick Red	1	24	Stock	74010



### VILPE® EVO PASS-THROUGH

**Description:** Monier/Braas Terviva/Braas Tegalit plain tiles with length 420 mm, width 330 mm.

**Contents:** Pass-through, underlay ring, screws, installation instructions/template for the underlay ring and the pass-through.

Black	1	24	Order	740812
Grey	1	24	Order	740817
Red	1	24	Order	740818
Brick Red	1	24	Order	740819
Anthracite	1	24	Order	74081G



### VILPE® CLASSIC VINO PASS-THROUGH

**Description:** Plain standing seam roofing or if retrofitted, also felt roofing. Thick rubber seal on the bottom of the flange. Sealing compound (not incl.) required on felt roofing. Replaces VILPE® Classic pass-through. Minimum roof pitch 1:5 (11,5°).

**Contents:** Pass-through, underlayring, screws, installation instructions/templates for the underlay seal and the pass-through.

Black	1	24	Stock	746022
Grey	1	24	Stock	746027
Red	1	24	Stock	746028
Brick Red	1	24	Stock	746029
Light Grey	1	24	Stock	746021



### VILPE® STEEL PASS-THROUGH

**Description:** Low profiled metal sheet roofing. Waterproof thanks to the rubber cone with the mouldable aluminium flange.

**Contents:** Pass-through, underlay ring, sealing ring, sealing compound, screws, template/installation instructions.

Black	1	18	Stock	73552
Grey	1	18	Stock	73557
Red	1	18	Stock	73556
Brick Red	1	18	Stock	73559
Light Grey	1	18	Stock	73551



### VILPE® PROFILED STEEL PASS-THROUGH

**Description:** All round profiled metal sheet roofing types (tilepatterned). Minimum length of tile pattern 350 mm. Mouldable and fully waterproof thanks to the rubber seal on the bottom surface.

**Contents:** Pass-through, underlay ring, sealing compound, screws, installation instructions/template.

Black	1	36	Stock	75172
Grey	1	36	Stock	75177
Red	1	84*	Stock	75178
Brick Red	1	36	Stock	75179
Anthracite	1	36	Order	7517G



### VILPE® HYYGGE PASS-THROUGH

**Description:** Ruukki's Hyygge or similar metal sheet roofing.

**Contents:** Pass-through, underlay ring, sealing compound, screws, installation instructions/templates for the underlay seal and the pass-through.

Black	1	36	Stock	740822
Grey	1	36	Stock	740827
Anthracite	1	36	Stock	74082G



### VILPE® AALTO PASS-THROUGH

**Description:** Ruukki's Adamante or similar metal sheet roofing.

**Contents:** Pass-through, underlay ring, sealing compound, screws, installation instructions/templates for the underlay seal and the pass-through.

Black	1	24	Stock	740802
Grey	1	24	Stock	740807
Red	1	24	Order	740808
Brick Red	1	24	Order	740809





## P-series pass-throughs: 75 – 160 mm

Colour Pcs/pack Pcs/pallet Delivery Product No.

### VILPE® CLASSIC PASS-THROUGH

**Description:** Plain standing seam or felt roofing when retro-fitted. Thick rubber seal on the bottom of the flange. Sealing compound (not incl.) required on felt roofing. Minimum roof pitch 1:5 (11,5°).

**Contents:** Pass-through, underlay ring, screws, template/ installation instructions.

Black	1	36	Stock	732562
Grey	1	36	Stock	732567
Red	1	36	Stock	732568
Brick Red	1	36	Stock	732569
Light Grey	1	36	Stock	732561



### VILPE® NERA PASS-THROUGH

**Description:** Ruukki's Finnera or Finnera Plus or similar roofing. Formerly called VILPE® SPT 60 pass-through or Finnera Plus.

**Contents:** Pass-through, underlay ring, sealing compound, screws, template.

Black	1	24	Stock	740762
Grey	1	24	Stock	740767
Red	1	24	Stock	740768
Brick Red	1	24	Stock	740769



### VILPE® DECRA PASS-THROUGH

**Description:** Decra roofing.

**Contents:** Pass-through, underlay ring, sealing compound, screws, template.

Black	1	24	Stock	732612
Grey	1	24	Order	732617
Brick Red	1	24	Stock	732619



### VILPE® HS SLATE PASS-THROUGH

**Description:** Slate, shingle and felt roofing types. Replaces VILPE® Felt pass-through. Minimum roof pitch 1:5 (11,5°).

**Contents:** Pass-through, screws, installation instructions.

Black	1	20	Stock	741062
Grey	1	20	Stock	741067
Red	1	20	Stock	741068
Brick Red	1	20	Stock	741069



### VILPE® FELT PASS-THROUGH

**Description:** The felt pass through is installed between two felt layers. Also suitable for slate roof. Flange width 150 mm, width of the whole pass-through 488 mm, length 583 mm.

Minimum roof pitch 1:5 (11,5°).

Black	15	120*	Stock	74002
Grey	15	120*	Stock	740037



### VILPE® FELT TALL PASS-THROUGH

**Description:** Felt roofing types while roof pitch less than 1:5 (11.5 degrees).

**Dimensions:** Stem height 200 mm.

**Contents:** Pass-through.

Black	14	56	Stock	740752
Grey	14	56	Stock	740757



### VILPE® COLLAR PVC for FELT TALL PASS-THROUGH

**Description:** For easy installation of Felt Tall pass-through on PVC roofing.

**Contents:** Collar made of PVC material.

Grey	10		Stock	75703
Light Grey	10		Stock	75702



### VILPE® COLLAR EPDM for FELT TALL PASS-THROUGH

**Description:** For easy installation of Felt Tall pass-through on EPDM roofing.

**Contents:** Collar made of EPDM material.

Stock 75700



## P-series pass-throughs: 75 – 160 mm



### VILPE® ETERNIT B9 PASS-THROUGH

**Description:** Fibre-cement roofing with tile width and wave height of 177 mm and 57 mm.  
**Contents:** Pass-through.

Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.
Black		50	Stock	74007
Grey		50	Stock	740077



### VILPE® UNDERLAY RING

**Description:** Fastening of underlay material to roof battens, in set with VILPE® pass-through. Keeps water out of structures and insulation. More advanced solution: VILPE® Underlay 2K Seal.  
**Contents:** Underlay ring.

Black	50	200	Stock	73202
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### VILPE® UNDERLAY 2K SEAL

**Description:** Fastened to the roof battens and extended to the upper edge of the pass-through, ensures complete water-tightness of the gap between the underlay and the roofing material.  
**Contents:** Underlay 2K seal, screws, installation instructions/templates for the underlay seal.

Black	1	24	Stock	73212
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## P-series pass-throughs: 160 – 250 mm

Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.
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### VILPE® XL TILE PASS-THROUGH

**Description:** The most common concrete tile roofing types. Replaces two 2-wave concrete tiles up to width of 330 mm and wave height of 27–40 mm.  
**Contents:** Pass-through, XL sealing ring, screws.

Black	1	6	Stock	740102
Grey	1	6	Stock	740107
Red	1	6	Stock	740108
Brick Red	1	6	Stock	740109



### VILPE® XL UNIVERSAL PASS-THROUGH

**Description:** All profiled steel and tile roofing types. Cut on site to fit the roofing profile.  
**Contents:** Pass-through, two-piece XL underlay ring, screws, installation instructions.

Black	1	4	Stock	735502
Grey	1	4	Stock	735507
Red	1	4	Stock	735508
Brick Red	1	4	Order	735509



### VILPE® XL UNIVERSAL MK1 PASS-THROUGH

**Description:** Profiled steel roofing with tile pattern that has wave distance of 183.3 mm, wave length of 350 mm and wave height of 39 mm.  
**Contents:** Pass-through, XL underlay ring, screws, installation instructions.

Black	1	4	Stock	735512
Grey	1	4	Stock	735517
Red	1	4	Stock	735518



### VILPE® XL CLASSIC PASS-THROUGH

**Description:** Plain standing seam roofing or if retrofitted, also felt roofing. Thick rubber seal under the flange. Minimum roof pitch 1:5 (11,5°).  
**Contents:** Pass-through, two-piece XL underlay ring, template, sealing compound, screws.

Black	1	12	Stock	732542
Grey	1	12	Stock	732547
Red	1	12	Stock	732548
Brick Red	1	12	Stock	732549



### VILPE® XL FELT PASS-THROUGH

**Description:** Felt roofing. Installed between two felt layers. Minimum roof pitch 1:5 (11,5°).  
**Dimensions:** Flange width 150 mm.  
**Contents:** Pass-through.

Black	5	20	Stock	740042
Grey	5	20	Stock	740047
Red	5	20	Order	740048
Brick Red	5	20	Order	740049



### VILPE® XL FELT TALL PASS-THROUGH

**Description:** Felt roofing with roof pitch less than 1:5 (11.5 degrees).  
**Dimensions:** Stem height 300 mm.  
**Contents:** Pass-through.

Black		50*	Stock	740052
Grey		50*	Stock	740057







## P-series pass-throughs: 160 – 250 mm

Colour Pcs/pack Pcs/pallet Delivery Product No.

### VILPE® XL UNDERLAY RING

**Description:** Fastening of underlay material to roof battens, in set with VILPE® XL pass-throughs. Keeps water out of structures and insulation.

**Contents:** Two-piece XL Underlay ring.

Black 1 100 Stock 73204



## VILPE® - maximal roof pitches for P-series pass-throughs

Pass-through	Pipe XL Pass-through	Ø 110 mm	Ø 125 mm	Ø 160 mm	Ø 160 mm XL	Ø 200 mm XL	Ø 250 mm XL
Tile 2K / Tiili	XL Tile	40° / 48°	37° / 48°	32° / 37°	47°	45°	43°
Unitile 2K / Unitile	-	48° / 57°	46° / 57°	43° / 52°	-	-	-
Vittinge 1-w	-	45°	40°	30°	-	-	-
Vittinge 2-w	-	55°	50°	35°	-	-	-
Profiled steel 2K / Profiled steel	XL Universal MK1	43° / 50°	40° / 45°	36° / 40°	47°	47°	47°
Steel	XL Universal	45°	40°	27°	47°	47°	47°
Classic	XL Classic	55°	55°	48°	47°	47°	47°
Classic Vino 2K	-	48°	46°	43°	-	-	-
HS Slate	-	59°	57°	52°	-	-	-
Felt	XL Felt	50°	50°	45°	47°	48°	45°
Felt Tall	XL Felt Tall	*	*	*	*	*	*
Decra	-	45°	45°	45°	-	-	-
Eternit B9	-	45°	45°	45°	-	-	-
Nera	-	57°	57°	50°	-	-	-
Evo 2K	-	39°	38°	30°	-	-	-
Aalto 2K	-	55°	50°	45°	-	-	-

P-series pass-throughs are for roofs with pitches of more than 1:5 (11.5°), unless stated otherwise.

On maximal roof pitches make sure that the roof structure does not prevent the installation.

\* The Felt pass-through tall is designed for installation on roofs with a pitch of less than 1:5 (11.5°). For the steeper roofs the normal Felt pass-through suits better.

Note! The roof pitches in the table are suggestive values. In extreme situations, the height of the roofing profile or the installation point of the underlay seals affects the values.

## Aerial sleeves and pipe pass-throughs

Colour Pcs/pack Pcs/pallet Delivery Product No.

### VILPE® AERIAL SLEEVE 12-100 MM

**Description:** For leading antennas, flagpoles and other pipes and bollards through the roof. Stepped EPDM rubber + plastic collar, installed on a separately available VILPE® pass-through. The pass-through is chosen according to the roofing material.

**Dimensions:** For duct sizes Ø 12/19/25/38/50/60/75/90/100 mm.

**Contents:** Aerial sleeve, clamp.

Black 20 80 Stock 74092  
Grey 20 80 Stock 74097  
Red 20 80 Stock 74098  
Brick Red 20 80 Stock 74099



### VILPE® PIPE SEALING 110-155

**Description:** For leading antennas, flagpoles and other pipes and bollards through the roof. Stepped EPDM rubber + plastic collar, installed on a separately available VILPE® pass-through. The pass-through is chosen according to the roofing material.

**Dimensions:** For duct sizes Ø 110/125/140/155 mm.

**Contents:** Pipe sealing, clamp.

Black 1 36 Stock 741002  
Grey 1 36 Stock 741007  
Red 1 36 Order 741008  
Brick Red 1 36 Stock 741009



### VILPE® XL PIPE SEALING 175-250

**Description:** For leading antennas, flagpoles and other pipes and bollards through the roof. Stepped EPDM rubber, installed on a separately available VILPE® XL pass-through. The pass-through is chosen according to the roofing material.






**Dimensions:** For duct sizes Ø 175/200/225/250 mm.

**Contents:** Pipe sealing, clamp.


1 24 Stock 740896



## Ventilaion of structures

	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.	
<b>VILPE® KTV FELT VENTILATION SET/RIDGE</b>						
<b>Description:</b> Underpressure air vent for ventilating the roof structures or attic space, for felt roofings. Installed on the ridge, on the pane or next to the wall. <b>Contents:</b> Ventilator	Black	24	96	Stock	753122	
	Grey	24	96	Stock	753127	
	Red	24	96	Order	753128	
<b>VILPE® KTV FELT VENTILATION SET/RIDGE ADAPTER</b>						
<b>Description:</b> For joining the VILPE® KTV Felt ventilation set/ Ridge to a pipe Ø 110–125 mm. <b>Dimensions:</b> Ø 110/125 mm. <b>Contents:</b> Adapter.	Black	3	36	Order	731983	
<b>VILPE® RIDGE TILE AIR VENT</b>						
<b>Description:</b> Underpressure air vent for ventilating the roof structures or attic space. For the most common concrete tile roofings. Replaces one ridge tile. <b>Contents:</b> Ventilator.	Black	1	18	Stock	733902	
	Grey	1	18	Stock	733907	
	Red	1	18	Stock	733908	
	Brick Red	1	18	Stock	733909	
<b>VILPE® RIDGE CAPPING VENT</b>						
<b>Description:</b> Underpressure air vent for ventilating the roof structures or attic space. For sheet metal roofing. Installed in round, angular or V-shaped ridge capping. Also retrofittable. <b>Contents:</b> Frame, seals, cover piece with a filter, screws, installation instructions.	Black	10	120	Stock	733912	
	Grey	10	120	Stock	733917	
	Red	10	120	Stock	733918	
	Brick Red	10	120	Stock	733919	
<b>VILPE® AIRIDGE FELT RIDGE VENT</b>						
<b>Description:</b> Underpressure air vent for ventilating the roof structures of felt roofing. Installed in a chain on the ridge by using SNAP couplings. <b>Dimensions:</b> 580 x 325 x 30 mm. Max. angle 45°. <b>Contents:</b> Ventilator.	Black	12	144	Stock	73090	






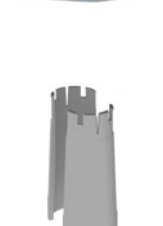
## Roof hatches

	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.	
<b>VILPE® UNIROOF ROOF HATCH</b>						
<b>Description:</b> For both tile and sheet metal roofings. A flexible fold facilitates installation under the ridge element. Used as a fire and service hatch and an access between the roof and the attic space. <b>Dimensions:</b> Opening 600 x 600 mm. <b>Contents:</b> Roof hatch, seal, Uniroof underlay sealing, screws, installation instructions.	Black	1	6*	Stock	738852	
	Grey	1	6*	Stock	738857	
	Red	1	6*	Stock	738858	
	Brick Red	1	6*	Stock	738859	

## KTV ventilation sets

	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.	
<b>VILPE® KTV TILE VENTILATION SET</b>  <b>Description:</b> Roofing structure and roof space ventilation. Also suitable for drainage ventilation. Replaces one concrete roof tile with tile width of 330 mm, and wave width and height 330 mm and 27-40 mm respectively. <b>Contents:</b> KTV ventilator, underlay ring, screws.	Black	1	24	Order	734192	
	Grey	1	24	Order	734197	
	Red	1	24	Order	734198	
	Brick Red	1	24	Order	734199	
<b>VILPE® KTV UNITILE VENTILATION SET</b>  <b>Description:</b> Ventilation of roof structures and roof space, drainage ventilation. For all tile roofing types (ceramic, clay, concrete and special tiles, 1- and 2-wave tiles and plain tiles). <b>Contents:</b> KTV ventilator, underlay ring, installation instructions, screws.	Black	1	20	Order	792242	
	Grey	1	20	Order	792247	
	Red	1	20	Order	792248	
	Brick Red	1	20	Order	792249	
<b>VILPE® KTV CLASSIC VENTILATION SET</b>  <b>Description:</b> Roofing structure and roof space ventilation. Also suitable for drainage ventilation. Plain standing seam or if, retrofitted, also felt roofing. Thick rubber seal on the bottom of the flange. Sealing compound (not incl.) required on felt roofing. <b>Contents:</b> KTV ventilator, underlay ring, screws.	Black	1	84*	Stock	732532	
	Grey	1	36	Stock	732537	
	Brick Red	1	36	Order	732539	
<b>VILPE® KTV STEEL VENTILATION SET</b>  <b>Description:</b> Roofing structure and roof space ventilation. Also suitable for drainage ventilation. Low profiled metal sheet roofing. Waterproof thanks to the rubber cone with the mouldable aluminium flange. <b>Contents:</b> KTV ventilator, underlay ring, sealing ring, sealing compound, screws.	Black	1	36	Order	73332	
	Grey	1	36	Stock	73337	
	Red	1	36	Order	73338	
	Brick Red	1	36	Order	73339	
<b>VILPE® KTV PROFILED STEEL VENTILATION SET</b>  <b>Description:</b> Ventilation of roof structures and roof space, drainage ventilation. For all round profiled metal sheet roofing types (tile-patterned). Minimum length of tile pattern 350 mm. <b>Contents:</b> KTV ventilation set, underlay ring, sealing compound, screws, installation instructions/template.	Black	1	36	Order	75272	
	Grey	1	36	Order	75277	
	Red	1	84*	Order	75278	
	Brick Red	1	36	Order	75279	
<b>VILPE® KTV FELT VENTILATION SET</b>  <b>Description:</b> Roofing structure and roof space ventilation. Also suitable for drainage ventilation. Plain standing seam or if, retrofitted, also felt roofing. Slate, shingle and felt roofing types. <b>Contents:</b> KTV ventilator, screws.	Black	1	24	Order	780132	
	Red	1	24	Order	780138	
	Brick Red	1	24	Order	780139	



	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.	
<b>VILPE® ALIPAI FLOW 110 UNDERPRESSURE AIR VENT</b>						
<b>Description:</b> Underpressure ventilation pipe for ventilating roof structures of a low-pitched felt roof. Installed with hot bitumen between two felt layers. <b>Dimensions:</b> Ø 110 mm, height 476 mm. Width of the flange 150 mm. <b>Contents:</b> Underpressure ventilation pipe, FLOW-cowl.	Black	11	88*	Stock	732102	
	Dark grey	11	88*	Stock	732107	
	Light Grey	11	88*	Stock	732101	
<b>VILPE® ALIPAI FLOW 160 UNDERPRESSURE AIR VENT</b>						
<b>Description:</b> Underpressure ventilation pipe for ventilating roof structures of a low-pitched felt roof. Installed with hot bitumen between two felt layers. <b>Dimensions:</b> Ø 160 mm, height 509 mm. Width of the flange 150 mm. <b>Contents:</b> Underpressure ventilation pipe, FLOW-cowl.	Black	6	48*	Stock	730162	
<b>VILPE® ALIPAI RIDGE FLOW 27</b>						
<b>Description:</b> Underpressure air ridge vent for ventilating roof structures of a felt roof with pitch of 27 degrees. <b>Dimensions:</b> Height 477/396 mm. <b>Contents:</b> Underpressure air vent, FLOW- cowl.	Black (Ø110/477)	9	72*	Stock	732142	
	Black (Ø160/396)	4	32*	Stock	730182	
<b>VILPE® ALIPAI RIDGE FLOW 14</b>						
<b>Description:</b> Underpressure air ridge vent for ventilating roof structures of a felt roof with pitch of 14 degrees. <b>Dimensions:</b> Height 477 mm. <b>Contents:</b> Underpressure air vent, FLOW-cowl.	Black (Ø110)	5	20	Order	732132	
<b>VILPE® ALIPAI FLOW LOW-PITCHED/INCLINED</b>						
<b>Description:</b> Underpressure air vent for ventilating roof structures of a gently sloping felt roof (with pitch of 0–20 degrees). <b>Dimensions:</b> Height 665/668/1022 mm, stem height 200 mm. <b>Contents:</b> Felt Tail pass-through, underpressure air vent pipe, FLOW-cowl, screws.	Black (Ø160/668)	5	48*	Stock	730172	
	Black (Ø160/1022)	3	24*	Stock	730202	
<b>VILPE® ALIPAI FLOW INCLINED</b>						
<b>Description:</b> Underpressure air vent for ventilating roof structures of an inclined felt roof (with pitch of over 11.5 degrees). <b>Dimensions:</b> Height 699 mm. <b>Contents:</b> Felt pass-through, underpressure air vent pipe, FLOW-cowl.	Black (Ø110)	6	48*	Stock	732162	
<b>VILPE® S-ADAPTER Ø110</b>						
<b>Description:</b> For installing VILPE®E120S and ECo110S roof fans on uninsulated, Ø 110 mm Alipai pipes. <b>Contents:</b> Adapter.	Black	10	240	Stock	736922	
<b>VILPE® PVC COLLAR for ALIPAI 110 UNDERPRESSURE AIR VENT</b>						
<b>Description:</b> For facilitating installation of Alipai underpressure air vent to PVC roofing. Fastened to roofing by welding with hot air. Fastened to Alipai with included clamp. <b>Dimensions:</b> Ø 110 mm. <b>Contents:</b> PVC collar, clamp.	Dark grey	10		Stock	730102	
	Light Grey	10		Stock	730103	
<b>VILPE® ALIPAI 160 INSULATION</b> <b>NEW</b>						
<b>Description:</b> Insulation layer for Alipai 160 underpressure ventilation vents for condensation prone buildings. Made of EPS. The insulation layer consists of two parts, which are installed inside the product on the construction site. <b>Dimensions:</b> Inner size Ø 130 mm. <b>Contents:</b> Insulation for 6 pc. Alipai underpressure ventilation vents (2 x 6 pc.).		6		Stock	730192	



## Solar pass-throughs

VILPE® Solar pass-throughs are for solar collector pipings, cables or other smaller pipes led through the roof.

The maximum size of the exit hole of the top is 100 x 60 mm. For smaller cords and cables (4 – 50 mm), a separately sold VILPE® Solar cable sealing is available.






An openable and turnable structure makes installation and maintenance easy.









	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.	
<b>VILPE® SOLAR TILE PASS-THROUGH</b>						
<b>Description:</b> The most common concrete tile roofings with tile width of 330 mm. Replaces one 2-wave concrete tile. <b>Contents:</b> Pass-through, underlay ring, flange, cover, shrinking tube, screws, installation instructions/templates for the underlay ring and the pass-through.	Black	1	24	Stock	75602	
	Grey	1	24	Stock	75607	
	Red	1	24	Stock	75608	
	Brick Red	1	24	Stock	75609	
<b>VILPE® SOLAR UNITILE PASS-THROUGH</b>						
<b>Description:</b> All tile roofings (ceramic, clay, concrete and special tiles, 1- and 2-wave tiles as well as plain tiles). <b>Contents:</b> Pass-through, seal for the upper side, bracket to the bottom, underlay ring, flange, cover, shrinking tube, screws, installation instructions/templates for the underlay seal and the pass-through.	Black	1	20	Stock	756522	
	Grey	1	20	Order	756527	
	Red	1	20	Stock	756528	
	Brick Red	1	20	Stock	756529	
<b>VILPE® SOLAR VITTINGE PASS-THROUGH</b>						
<b>Description:</b> Vittinge clay tile roofings. <b>Contents:</b> Pass-through, underlay ring, flange, cover, shrinking tube, screws, installation instructions/templates for the underlay seal and the pass-through.	Brick Red	1	24	Order	75662	
	Brick Red	1	24	Order	75664	
<b>VILPE® SOLAR PROFILED STEEL PASS-THROUGH</b>						
<b>Description:</b> For all round profiled metal sheet roofings (with roof tile pattern). Minimum length of tile pattern is 350 mm. Moldable and fully waterproof due to the rubber seal mounted on the lower surface. <b>Contents:</b> Pass-through, underlay ring, sealing compound, flange, cover, shrinking tube, screws, templates/installation instructions.	Black	1	36	Stock	75632	
	Grey	1	36	Stock	75637	
	Red	1	36	Order	75638	
	Brick Red	1	36	Order	75639	
<b>VILPE® SOLAR STEEL PASS-THROUGH</b>						
<b>Description:</b> The most common concrete tile roofings with tile width of 330 mm. Replaces one 2-wave concrete tile. <b>Contents:</b> Pass-through, underlay ring, flange, cover, shrinking tube, screws, installation instructions/templates for the underlay ring and the pass-through.	Black	1	18	Stock	75612	
	Grey	1	18	Stock	75617	
	Red	1	18	Order	75618	
	Brick Red	1	18	Order	75619	
<b>VILPE® SOLAR CLASSIC PASS-THROUGH</b>						
<b>Description:</b> For plain standing seam roofings or felt roofings. Retrofittable. Thick rubber seal under the flange. Sealing compound is required separately on felt roofs. <b>Contents:</b> Pass-through, underlay ring, flange, cover, shrinking tube, screws, templates/installation instructions.	Black	1	36	Stock	75622	
	Grey	1	36	Stock	75627	
	Red	1	36	Order	75628	
	Brick Red	1	36	Order	75629	
<b>VILPE® SOLAR FELT TALL PASS-THROUGH</b>						
<b>Description:</b> For felt roofing with roof pitch less than 1:5 (11.5 degrees). Installed between two felt layers. <b>Dimensions:</b> Stem height 200 mm. <b>Contents:</b> Pass-through, flange, cover, shrinking tube, screws, installation instructions.	Black	1	8	Stock	75672	
<b>VILPE® SOLAR FELT PASS-THROUGH</b>						
<b>Description:</b> For new felt roofings. Installed between two felt layers. <b>Contents:</b> Pass-through, flange, cover, shrinking tube, screws, installation instructions/template.	Black	1	12	Order	75642	
<b>VILPE® SOLAR CABLE SEALING</b>						
<b>Description:</b> A rubber seal for VILPE® Solar pass-throughs. Enables 4–50 mm wires and cables to be led watertightly through the roof. Fastens to the Solar pass-through with included weatherproof fastener. <b>Contents:</b> Cable sealing, clamp.				Stock	75701	



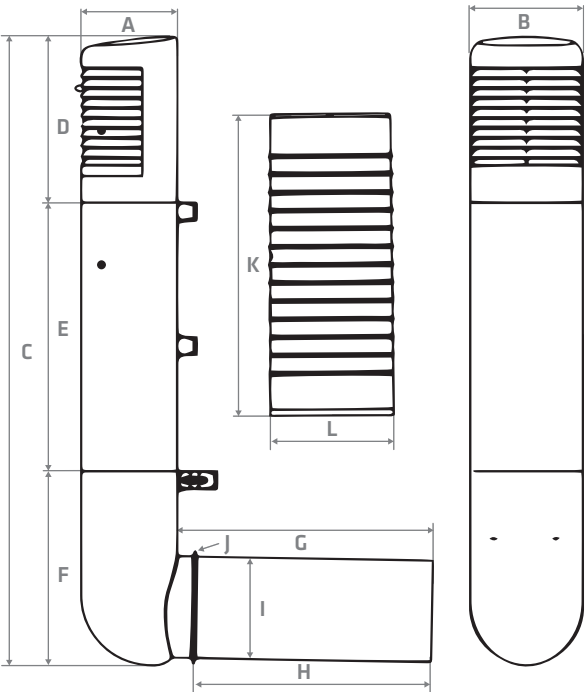
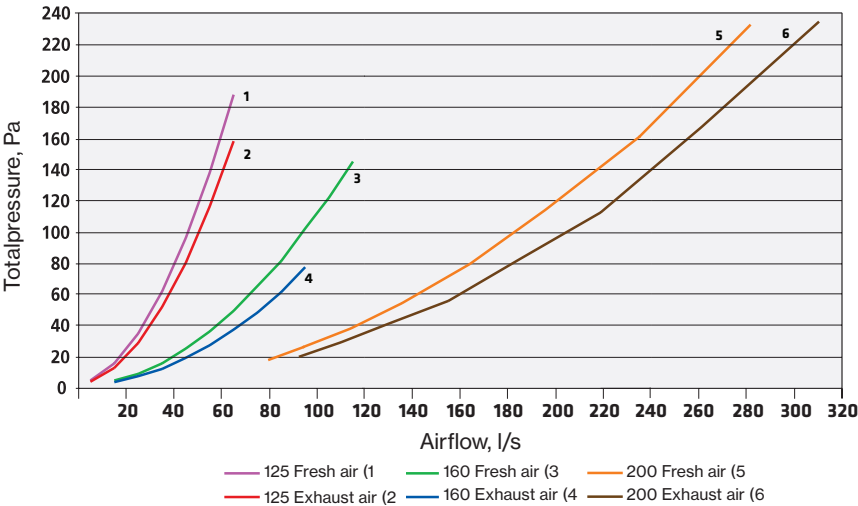
Ross ventilation poles

	Colour	Pcs/package	Pcs/pallet	Delivery	Product No.	
<b>VILPE® ROSS VENTILATION POLE 125/135</b>  <b>Description:</b> For ventilating the crawl space of a house, thus preventing damp damage and radon problems in ground floors. Can also be used as an inlet air pipe. <b>Dimensions:</b> Inner Ø of the angle pipe 125 mm, outer Ø 132 mm. <b>Contents:</b> Cowl, vertical pipe, wall fasteners with screws, angle pipe.	Light Grey	1	24	Stock	790311	
	Black	1	24	Stock	790312	
	Grey	1	24	Stock	790317	
	Red	1	24	Stock	790318	
	Off White	1	24	Stock	790320	
	Beige	1	24	Stock	790321	
<b>VILPE® ROSS VENTILATION POLE 160/170</b>  <b>Description:</b> For ventilating the crawl space of a house, thus preventing damp damage and radon problems in ground floors. Can also be used as an inlet air pipe. <b>Dimensions:</b> Inner Ø of the angle pipe 160 mm, outer Ø 168 mm. <b>Contents:</b> Cowl, vertical pipe, wall fasteners with screws, angle pipe.	Light Grey	1	16	Stock	790361	
	Black	1	16	Stock	790362	
	Grey	1	16	Stock	790367	
	Red	1	16	Stock	790368	
	Off White	1	16	Stock	790370	
	Beige	1	16	Stock	790371	
<b>VILPE® ROSS VENTILATION POLE 200/210</b>  <b>Description:</b> For ventilating the crawl space of a house, thus preventing damp damage and radon problems in ground floors. Can also be used as an inlet air pipe. <b>Dimensions:</b> Inner Ø of the angle pipe 200 mm, outer Ø 208 mm. <b>Contents:</b> Cowl, vertical pipe, wall fasteners with screws, angle pipe.	Light Grey	1	6	Stock	790381	
	Black	1	6	Stock	790382	
	Grey	1	6	Stock	790387	
<b>VILPE® ROSS RENOVATION SET 125/110</b>  <b>Description:</b> For improving the ventilation and updating the appearance of an old vertical pipe of the crawl space. <b>Dimensions:</b> Ø 125/110 mm.	Light Grey	1	20	Stock	790631	
	Black	1	20	Stock	790632	
	Grey	1	20	Stock	790637	
	Red	1	20	Stock	790638	
	Off White	1	20	Stock	790640	
	Beige	1	20	Stock	790641	
<b>VILPE® ROSS RENOVATION SET 160/160</b>  <b>Description:</b> For improving the ventilation and updating the appearance of an old vertical pipe of the crawl space. <b>Dimensions:</b> Ø 160 mm. <b>Contents:</b> Cowl, vertical pipe, wall fasteners with screws, adapter for Ross ventilation pole Ø 160 and a pipe Ø 160 mm.	Light Grey	1	20	Stock	790681	
	Black	1	20	Stock	790682	
	Grey	1	20	Stock	790687	
	Red	1	20	Order	790688	
	Off White	1	20	Stock	790690	
	Beige	1	20	Order	790691	

Reference colour			Reference colour		
	Light grey	RAL 7038		Red	RAL 3009
	Black	RAL 9017		White	RAL 9016
	Grey	RAL 7015		Beige	RAL 1001

Due to printing technical reasons, actual product colours may differ from those shown in the Catalogue.

VILPE® Ross airflow



mm	A	B	C	D	E	F	G	H	I	J	K	L
Ross 125/135	111	139	1026	280	445	301	448	415	125	161	500	170
Ross 160/170	159	186	1042	275	445	322	421	392	160	187	500	206
Ross 200/210	210	235	1356	979	178	199	595	-	200	-	500	244

# Chimney pass-throughs

## VILPE® Chimney pass-throughs for round chimneys

VILPE® Chimney pass-throughs are suitable for insulated, round metal chimneys, available in two sizes. Chimney pass-through set No.1 is for round Ø 200 – 265 mm chimneys, and Chimney pass-through set No.2 is for round Ø 265 – 380 mm chimneys. A plastic chimney pass-through is joined with included rubber seal and clamp. Sealing for underlay, which consists of two plastic components, rubber seal and a butyl strap, prevents water from seeping through the hole made in the underlay, keeping it waterproof. Chimney pass-through can be installed on both metal and tile roofings using VILPE® flashing set. On felt roofings, flashing set is not needed.



## VILPE® Roof pass-through for modular chimney

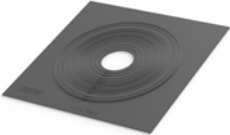
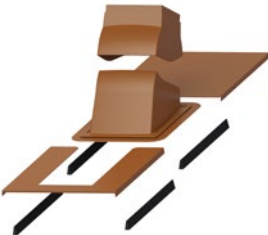

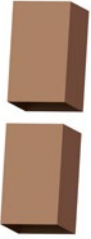

The Roof pass-through for modular chimney is a new pass-through set for 32 x 32...37 x 37 cm chimneys on any type of roofing. The design of the pass-through will merge completely with the roof since it closely resembles the look of most VILPE® pass-throughs by the same manufacturer. The Roof pass-through for modular chimney is completely waterproof and easy to install. All the necessary parts are included in the set and the installation procedure itself is familiar from the VILPE® pass-throughs for round steel chimneys.

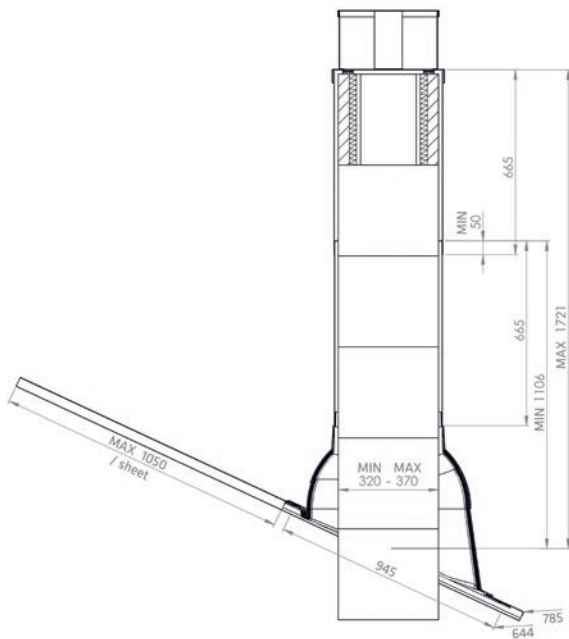
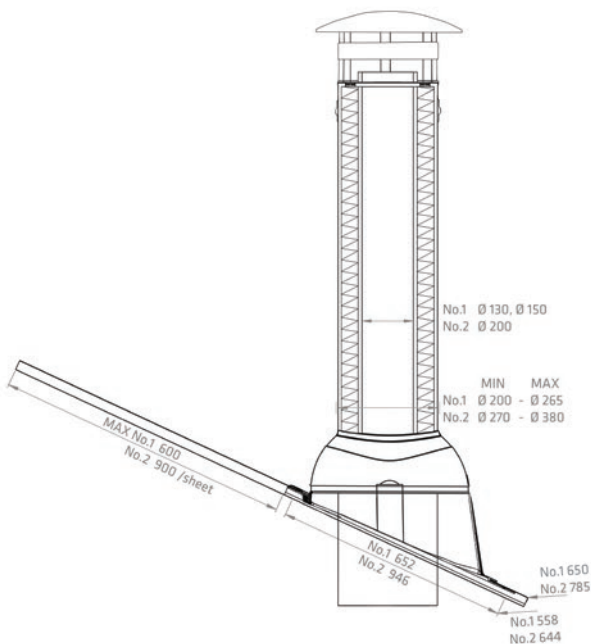


	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.
<b>VILPE® CHIMNEY PASS-THROUGH SET NO. 1 ROUND</b>					
<b>Description:</b> For passing round, metal, insulated Ø 200–265 mm prefabricated chimneys through the roof. For other than felt roofings, the Chimney underlay seal No. 1 and the Flashing set are also required. <b>Contents:</b> Pass-through, rubber seal and clamp, flashing set, Design and installation manual, fixing screws.	Black	1	12*	Stock	742422
	Grey	1	12*	Stock	742427
	Brick Red	1	12*	Stock	742429
<b>VILPE® CHIMNEY PASS-THROUGH SET NO. 2 ROUND</b>					
<b>Description:</b> For passing round, metal, insulated Ø 270–380 mm prefabricated chimneys through the roof. For other than felt roofings, the Chimney underlay seal No. 2 and the Flashing set are also required. <b>Contents:</b> Pass-through, rubber seal and clamp, flashing set, Design and installation manual, fixing screws.	Black	1	6*	Stock	742432
	Grey	1	6*	Stock	742437
	Brick Red	1	6*	Stock	742439
<b>VILPE® CHIMNEY PASS-THROUGH NO. 1 ROUND</b>					
<b>Description:</b> For passing round, metal, insulated Ø 200–265 mm prefabricated chimneys through the roof. For other than felt roofings, the Chimney underlay seal No 1 and the Flashing set are also required. <b>Contents:</b> Pass-through, rubber seal, clamp, Design and installation manual.	Black	1	14*	Stock	741022
	Grey	1	14*	Stock	741027
	Brick Red	1	14*	Stock	741029
<b>VILPE® CHIMNEY PASS-THROUGH NO. 2 ROUND</b>					
<b>Description:</b> For passing round, metal, insulated Ø 270–380 mm prefabricated chimneys through the roof. For other than felt roofings, the Chimney underlay seal No. 2 and the Flashing set are also required. <b>Contents:</b> Pass-through, rubber seal, clamp, Design and installation manual.	Black	1	6*	Stock	741032
	Grey	1	6*	Stock	741037
	Brick Red	1	6*	Stock	741039
<b>VILPE® CHIMNEY UNDERLAY SEAL</b>					
<b>Description:</b> For other than felt roofings. Prevents water leaking in to the insulation material through the hole that is cut for the underlay. Chimney underlay seal is used with Chimney pass-through No. 1, No. 2 and Roof Pass-Through Modular Chimney. <b>Contents:</b> Two plastic parts, rubber seal and a butyl strip.	Black			Stock	73218
<b>VILPE® FLASHING EXTENSION CHIMNEY NO. 1</b>					
<b>Description:</b> Facilitates the installation of the chimney further from the ridge. Overlapping 10 cm, length 1100 mm. <b>Dimensions:</b> 650 x 1100 mm. <b>Contents:</b> 1 sheet, seals.	Black	1	19	Stock	742402
	Grey	1	19	Stock	742407
	Brick Red	1	19	Stock	742409
<b>VILPE® FLASHING EXTENSION CHIMNEY NO. 2</b>					
<b>Description:</b> Facilitates the installation of the chimney further from ridge. Overlapping 10 cm, length 1100 mm. <b>Dimensions:</b> 785 x 1100 mm. <b>Contents:</b> 1 sheet, seals.	Black	1	19	Stock	742412
	Grey	1	19	Stock	742417
	Brick Red	1	19	Stock	742419



# Chimney pass-throughs

	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.	
<b>VILPE® VAPOUR STOP 100-380</b> <b>NEW</b> <b>Description:</b> Vapour barrier seal for round chimney made from silicone rubber. <b>Contents:</b> Vapour barrier seal.	Black	1		Stock	73217	
<b>VILPE® ROOF PASS-THROUGH MODULAR CHIMNEY</b> <b>Description:</b> For modular chimneys with width of 320 - 370 mm and height from the roofing of 1106 - 1721 mm. For all roofing materials. <b>Contents:</b> Pass-through, flashing set, installation manual, fixing screws.	Black	1		Stock	742502	
	Grey	1		Stock	742507	
	Brick Red	1		Stock	742509	
<b>VILPE® ROOF PASS-THROUGH MODULAR CHIMNEY FELT</b> <b>Description:</b> For modular chimneys with width of 320 - 370 mm and height from the roofing of 1106 - 1721 mm. For felt roofing. <b>Contents:</b> Pass-through, installation manual, fixing screws.	Black	1		Stock	742532	
	Grey	1		Stock	742537	
<b>VILPE® MODULAR CHIMNEY CASING</b> <b>Description:</b> For modular chimneys with width of 320 - 370 mm and height from the roofing of 1106 - 1721 mm. For felt roofing. <b>Contents:</b> Pass-through, installation manual, fixing screws.	Black	1		Stock	742512	
	Grey	1		Stock	742517	
	Brick Red	1		Stock	742519	
<b>VILPE® TILE ADAPTER EPDM</b> <b>Description:</b> Flexible flue joint for tile roofing. Available for Chimney pass-through No. 1 and Chimney pass-through No. 2. The Chimney No. 2 model is also suitable for Roof pass-through modular chimney. <b>Contents:</b> Tile adapter EPDM.	No. 1	1	120	Order	742522	
	No. 2	1	120	Order	742524	
	No. 1 (Bulk)	1	120	Stock	742523	
	No. 2 (Bulk)	1	120	Stock	742525	





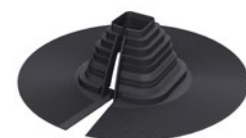
## End caps

	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.
<b>VILPE® STEEL END CAP</b>  Description: End cap for metal roofing. Contents: End cap.	Black	500	6000	Order	74022
	Brick Red	500	6000	Order	74030
	Anthracite	500	6000	Order	74023
<b>VILPE® TILE END CAP</b>  Description: End cap for tile roof. Contents: End cap.	Black	75	900*	Stock	74050
	Grey	75	900*	Stock	74060
	Red	75	900*	Stock	74052
	Brick Red	75	900*	Stock	74058







## Felt roof pass-through seals



	Model	Pcs/pack	Pcs/pallet	Delivery	Product No.
<b>VILPE® FELT ROOF SEAL</b>  Description: Roof pass-through seal for round pipes on felt roof. Made of EPDM rubber. Operating temperature -30...+90°C. The flange is installed with hot bitumen between two felt layers. Dimensions: Height 150 mm. The opening is cut according to the pipe diameter. Contents: Seal, clamp.	NO-1 Ø 12/19/25/38	20	480*	Stock	70040
	NO-2 Ø 50/60	20	480*	Stock	70060
	NO-3 Ø 75/90	20	480*	Stock	70090
	NO-4 Ø 110/125	20	480*	Stock	70125
	NO-4.5 Ø 130/140	20	480*	Stock	70130
	NO-5 Ø 150/175	10	480*	Stock	70175
	NO-6 Ø 200/250	10	300*	Stock	70250
	NO-7 Ø 275/325		50	Stock	70325
	NO-8 Ø 350/400	20	50	Stock	70400
	NO-9 Ø 500/525/550/575	1	20	Stock	71050
	NO-10 Ø 600/625/650/675	1	20	Stock	71060
	NO-11 Ø 700/725/750/775	1	20	Stock	71070
	NO-12 Ø 800/825/850/875	1	20	Stock	71080
<b>VILPE® CLAMP</b>  Description: Screw-on hot galvanized clamp for fixing the VILPE® Felt roof seal. Dimensions: Width 12 mm. Contents: Clamp.	Ø 24-44		15000	Stock	711601
	Ø 50-145	50	3000	Stock	711714
	Ø 50-215	50	3000	Stock	711721
	Ø 50-370	50	3000	Stock	711737
	Ø 70-570		3000	Stock	711757
	Ø 630	150	150	Stock	711663
	Ø 730	150	150	Stock	711673
	Ø 830	150	150	Stock	711683
<b>VILPE® R-FELT SET</b>  Description: For sealing roof pass-throughs for round pipes on felt roof while retrofitting. Contents: Seal, clamp.	Ø 19-90	1	84	Stock	70510
	Ø 110-170	1	48	Stock	70514
	Ø 160-250	1	24	Stock	70518
<b>VILPE® RHS SEAL</b>  Description: For sealing pass-throughs for square pipes on felt roof. The clamp is chosen according to the pipe size. Contents: Seal.	40x40/50x50/ 60x60/70x70	20	480*	Stock	71090
	80x80/100x100/ 120x120/140x140	10	480*	Stock	71094
<b>VILPE® RHS-FELT RETROFIT 80-150</b> <b>NEW</b>  Description: For sealing roof pass-through for square pipes on felt roof while retrofitting. Patented installation solution. Content: Seal.	Ø 80-150			Stock	71745
	40 X 40		1200*	Stock	711198
	50 X 50		1200*	Stock	71120
	60 X 60		1200*	Stock	71122
	70 X 70		1200*	Stock	71123
	80 X 80		1200*	Stock	71124
	90 X 90		1200*	Stock	71125
<b>VILPE® RHS CLAMP</b>  Description: Hot-dip-galvanized clamp for fixing square VILPE® RHS Seal. The clamp is chosen according to the pipe size. Contents: Two-piece clamp.	100 X 100		1200*	Stock	71126
	120 X 120		1200*	Stock	71128
	140 X 140		1200*	Stock	711282
	150 X 150		1200*	Stock	711284




## Metal roof pass-through seals

	Model	Pcs/pack	Pcs/pallet	Delivery	Product No.	
VILPE® ROOFSEAL RETROFITTING SET						
<b>Description:</b> Made of EPDM rubber. The seal has a moldable aluminium flange. <b>Contents:</b> Seal, screws, sealing compound and clamp.	Ø 10-100	1	84	Stock	71742	
	Ø 100-23	1	36	Stock	71744	
VILPE® CLAMP RST			500	Stock	711690	
VILPE® ROOFSEAL						
<b>Description:</b> Made of EPDM rubber. The seal has a moldable aluminium flange. <b>Contents:</b> Seal.	NO-1 Ø 12/19/25/28/38/50/60/75/90		500	Stock	71701	
	NO-2 Ø 75/90/110/125/150		500	Stock	71702	
	NO-3 Ø 110/125/150/175/200		500	Stock	71703	
	NO-4 (7) Ø 150/280	10	50	Stock	71716	
	NO-5 (8) Ø 180/330	5	50	Stock	71717	
	NO-6 (9) Ø 260/460	5	50	Stock	71718	
VILPE® ROOFSEAL SET						
<b>Description:</b> Made of EPDM rubber. The seal has a moldable aluminium flange. <b>Contents:</b> Seal, screws, sealing compound and clamp.	NO-1 Ø 12/19/25/28/38/50/60/75/90	1	255	Stock	71721	
	NO-2 Ø 75/90/110/125/150	1	204	Stock	71722	
	NO-3 Ø 110/125/150/175/200	1	240	Stock	71723	
	NO-4 (7) Ø 150/280	1	36	Stock	71726	
	NO-5 (8) Ø 180/330	1	36	Stock	71727	
	NO-6 (9) Ø 260/460	1	24	Stock	71728	











## Vapour barrier seals

	Model	Pcs/pack	Pcs/pallet	Delivery	Product No.	
<b>VILPE® VAPOUR BARRIER SEAL</b>						
<b>Description:</b> For sealing the vapour barrier. <b>Dimensions:</b> Height 33 mm. <b>Contents:</b> Seal made of EPDM rubber.	HT-50 Ø 50	20	480*	Stock	71205	
	HT-75 Ø 75	20	480*	Stock	71207	
	HT-110 Ø 110	20	480*	Stock	71211	
	HT-125 Ø 125	20	480*	Stock	71213	
	HT-160 Ø 160	20	480*	Stock	71216	
<b>VILPE® VAPOUR BARRIER SEAL, TALL</b>						
<b>Description:</b> For sealing the vapour barrier. <b>Dimensions:</b> Height 133 mm. <b>Contents:</b> Seal made of EPDM rubber.	HTH-110 Ø 110	15	480*	Stock	71212	


## PVC roof pass-through seals

	Model	Pcs/pack	Pcs/pallet	Delivery	Product No.	
<b>VILPE® PVC ROOF SEAL</b>						
<b>Description:</b> For sealing pass-throughs for round pipes on PVC roofing. Fastened by welding with hot air. <b>Dimensions:</b> Duct sizes Ø 12-100 mm and 110-160 mm. <b>Contents:</b> Seal made of PVC, clamp.	Ø 12-100 mm	Light Grey	10	Stock	70601	
	Ø 12-100 mm	Dark grey	10	Stock	70602	
	Ø 110-160 mm	Light Grey	10	Stock	70611	
	Ø 110-160 mm	Dark grey	10	Stock	70612	




## Roof drains

	Model	Pcs/pack	Pcs/pallet	Delivery	Product No.	
<b>VILPE® AM ROOF OUTLET BITUMEN</b> <b>Description:</b> For all multiple and single-ply bitumen felt roofings. AM-75 roof outlets can be used either for a symphonic system or a conventional system. <b>Contents:</b> Outlet, leaf grating, sealing compound.	Ø 75 mm	8	64*	Stock	72007	
	Ø 90 mm	8	32	Order	72009	
	Ø 110 mm	8	64*	Stock	72011	
	Ø 110/630 mm	5	35	Order	72012	
	Ø 160 mm	6	48	Stock	72013	
<b>VILPE® AM ROOF OUTLET PROTAN DARK GREY</b> <b>Description:</b> For Protan roofing. <b>Contents:</b> Outlet, leaf grating, sealing compound.	Ø 110 mm	8	64*	Order	72048	
	Ø 160 mm	6	48*	Order	72049	
	Ø 110/630 mm	5	35	Order	72062	
<b>VILPE® AM ROOF OUTLET PROTAN LIGHT GREY</b> <b>Description:</b> For Protan roofing. <b>Contents:</b> Outlet, leaf grating, sealing compound.	Ø 110 mm	8	32	Order	72052	
	Ø 160 mm	6	48*	Order	72053	
<b>VILPE® AM ROOF OUTLET ALKORPLAN LIGHT GREY</b> <b>Description:</b> For Alkorplan roofing. <b>Contents:</b> Outlet, leaf grating, sealing compound.	Ø 110 mm	8	64*	Stock	72044	
	Ø 110/630 mm	5	35	Order	72045	
<b>VILPE® AM THERMOCABLE 230V / 14W</b> <b>Description:</b> For heating of AM roof outlet. <b>Contents:</b> Thermocable.	AM-outlets Ø 50/75/90/110			Order	72000	
	AM-outlets Ø 160			Order	72001	
<b>VILPE® AM LEAF GRATING</b> <b>Description:</b> Prevents leaves and other debris from entering the roof outlet. <b>Contents:</b> Leaf grating.				Order	72130	
<b>VILPE® AM SYMPHONIC GRATING</b> <b>Description:</b> Prevents leaves and other debris from entering the roof outlet. <b>Contents:</b> Symphonic grating.		100	400	Order	72140	
<b>VILPE® CM ROOF OUTLET</b> <b>Description:</b> For bitumen felt roofing. The 150 mm wide flange is installed between two felt layers. <b>Contents:</b> Outlet, leaf grating.	Ø 75 mm	18	72	Stock	72407	
	Ø 110 mm	20	80	Stock	72411	
<b>VILPE® LEAF GRATING BALL</b> <b>Description:</b> Prevents leaves and other trash from entering the roof outlet. Suitable for 75 - 125 mm roof outlets. <b>Contents:</b> Leaf grating.				Stock	72424	
<b>VILPE® CM LEAF GRATING</b> <b>Description:</b> Prevents leaves and other debris from entering the roof outlet. <b>Contents:</b> Leaf grating.		50	400	Order	72420	
				Order	72422	


## Fasteners

	Model	Pcs/pack	Pcs/pallet	Delivery	Product No.	
<b>VILPE® RKL BRICK WALL FASTENER</b> <b>Description:</b> Brick wall fastener for timber-framed detached houses. Fastens simultaneously the tier and the mineral wool plate with thickness of approx. 50 mm. A 115-mm nail is required separately. <b>Contents:</b> RKL brick wall fastener (nail not included).	RKL-FASTENER	250	4500	Stock	22051	


## Fasteners

	Model	Pcs/pack	Pcs/pallet	Delivery	Product No.	
<b>VILPE® NV DISTANCE PIECE</b>  <b>Description:</b> Used in board clad exterior wall construction as a distance piece between the frame and the fixing battens of the external cladding. The construction made with distance pieces improves the heat insulation and saves in timber material. The distance piece is selected according to the thickness of the insulation. Suitable for use with both soft and hard insulation. <b>Contents:</b> NV distance piece.	NV-25	250	12000	Stock	21225	
	NV-30	200	22400*	Stock	21335	
	NV-40	200	16800*	Order	21345	
	NV-45	250	15000*	Order	21245	
	NV-50	200	16800*	Stock	21360	
	NV-55	200	16800*	Stock	21365	
	NV-70	200	15000*	Stock	21270	
<b>VILPE® WASHER</b>  <b>Description:</b> LSK washer Ø 60 mm is used for attachment of light insulation panels e.g. to wall. Y40-PA Ø 40 mm black polyamide (nylon) washer fastens, for example, single-ply roof covering to fix-layer of concrete or wood. Y40-PP Ø 40 mm washer fastens insulating or acoustic panels. ZN washer is made of galvanized sheet metal. <b>Contents:</b> Washer.	LSK-60	450	37800	Stock	20001	
	Y40-PA	500	90000	Stock	01005	
	Y40-PP	500	90000	Stock	010047	
	ZN-40	1000	50000	Stock	9546024	
	ZN-50	500	30000	Stock	9546025	
<b>VILPE® KFR 4.2 SCREW</b>  <b>Description:</b> Corrosion protected screw for washers. <b>Contents:</b> Screw.	4.2x25 SCREW	1000		Stock	403025	
	4.2x32 SCREW	500		Stock	403032	
	4.2x38 SCREW	500		Stock	403038	
	4.2x45 SCREW	500		Stock	403045	
	4.2x55 SCREW	500		Stock	403055	
	4.2x65 SCREW	500		Stock	403065	


## Power

	Model	Pcs/pack	Pcs/pallet	Delivery	Product No.	
<b>VILPE® POWER A (SQUARE BODY)</b>  <b>Description:</b> For fastening new roof covering and insulation material to an old bitumen felt roofing or for fastening an insulation sheet to another insulation material (e.g. Styrox, foam sheets, polyurethane sheets). The length of the fastener is chosen according to the insulation thickness. Made of strong polyamide (nylon), the basic colour is black. The square body is stronger and prevents the tool from spinning around during the installation. <b>Dimensions:</b> Flange Ø 50 mm, spiral size Ø 28 mm. <b>Contents:</b> Power A fastener.	60, 00 mm	250	6000	Stock	284060	
	70, 00-20 mm	250	6000	Stock	284070	
	90, 20-40 mm	250	6000	Stock	284090	
	110, 40-60 mm	250	4500	Stock	284110	
	130, 60-80 mm	250	4500	Stock	284130	
	150, 80-100 mm	250	3000	Stock	284150	
	175, 100-120 mm	250	3000	Stock	28175	
	200, 130-150 mm	250	2000	Stock	28200	
	225, 160-170 mm	250	1000	Stock	28225	

## Power tools

	Model	Lenght	Delivery	Product No.	
Powers with round body are installed with 6-angle installation bits. It depends on the hole size of the Power if Power bit or Torx bit can be used. Power A Adjustables can only be installed with the longer bits. Power with square body is installed with square special bit.	350-2X TORX BIT	350	Stock	910135	
	500-2X TORX BIT	500	Stock	910150	
	POWER-350	350	Stock	90133	

## Croco 512

	Model	Pcs/pack	Pcs/pallet	Delivery	Product No.	
<b>VILPE® CROCO 512</b>  <b>Description:</b> For fastening the roof covering and insulation sheet to aerated concrete (Siporex). The length of the fastener is chosen according to the insulation thickness so that the fastener will be at least 50 mm deep in the base. A hole of Ø 12 mm and 50-70 mm deep must be pre-drilled. Expansion plug which fastens the fastener to aerated concrete is included. <b>Dimensions:</b> Flange Ø 50 mm. <b>Contents:</b> Croco 512 fastener, expansion plug.	00-10 mm	500	12000	Stock	054010	
	10-30 mm	500	9000	Stock	054030	
	30-50 mm	500	9000	Stock	054050	
	50-70 mm	500	6000	Stock	054070	
	80-100 mm	500	6000	Stock	054100	
	100-120 mm	500	6000	Stock	054120	
	120-140 mm	500	4000	Stock	054140	
	140-160 mm	500	4000	Stock	054160	
	180-200 mm	250	3000	Stock	054200	
	230-250 mm	250	3000	Stock	054250	
	280-300 mm	250	7000*	Order	054300	
	330-350 mm	250	7000*	Order	054350	
	380-400 mm	250	7000*	Order	054400	



## Croco-512 tools

For Croco 512 a hole of Ø 12 mm is drilled with edge drill to the aerated concrete (Siporex). The steel wedge of the 60-300 mm long Croco 512 -fastener is installed with setting tool or peg for setting tool. The steel wedge of the 250-500 mm long Croco 512 -fastener is installed with handpeg.

Model	Lenght	Delivery	Product No.
512-DRILL 12X400		Stock	90400
SETTING TOOL 308/512 (Croco-512: 60 - 300 mm)		Stock	90010
PEG FOR SETTING TOOL (Croco-512: 60 - 300 mm)	320	Stock	90011
480-HANDPEG (Croco-512: 250 - 500 mm) total lenght 600 mm	480	Stock	90048



## Croco A and Croco B

### VILPE® CROCO A

**Description:** For fastening single ply membrane roof covering when the fix-layer is sheet metal, concrete of wood. Croco A fastener is fastened to the fix-layer with a roof screw, a concrete screw or a concrete nail. There are four studs in the flange of Croco A to increase the tear resistance. The length is chosen according to the insulation thickness and the screw or the nail.

**Dimensions:** Flange Ø 50 mm.

**Contents:** Croco A fastener.

Model	Pcs/pack	Pcs/pallet	Delivery	Product No.
CROCO A-20	500	56000*	Order	02020
CROCO A-30	500	56000*	Order	02030
CROCO A-50	500	18000*	Order	02050
CROCO A-80	500	28000*	Order	02080
CROCO A-100	500	18000*	Stock	02100
CROCO A-120	500	14000*	Stock	02120
CROCO A-150	500	14000*	Stock	02150
CROCO A-170	500	8000*	Stock	02170
CROCO A-200	500	8000*	Stock	02200
CROCO A-230	250	7000*	Stock	02230
CROCO A-250	250	4000*	Stock	02250
CROCO A-300	250	5000*	Stock	022300
CROCO A-350	250	5000*	Stock	022350
CROCO A-400	250	3000*	Stock	022400
CROCO A-450	250	3000*	Stock	022450
CROCO A-500	250	3000*	Stock	022500
CROCO A-550	125	3000*	Stock	022550
CROCO A-600	125	3000*	Stock	022600
CROCO A-650	125	3000*	Stock	022650
CROCO A-700	125	3000*	Stock	022700



### VILPE® CROCO B

**Description:** For fastening hard insulating sheets or bitumen roof covering and insulating sheets when the fix-layer is sheet metal, concrete or wood. The Croco B fastener fastens to the fix-layer with a roof screw, a concrete screw or a concrete nail. The length is chosen according to the insulation thickness and the screw or the nail.

**Dimensions:** Flange Ø 50 mm.

**Contents:** Croco B fastener.

CROCO B-20	500	56000*	Stock	02520
CROCO B-30	500	56000*	Stock	02530
CROCO B-50	500	42000*	Stock	02550
CROCO B-80	500	28000*	Stock	02580
CROCO B-100	500	18000*	Stock	02600
CROCO B-110	500	18000*	Stock	02610
CROCO B-120	500	14000*	Stock	02620
CROCO B-140	500	14000*	Stock	02640
CROCO B-150	500	14000*	Stock	02650
CROCO B-170	500	8000*	Stock	02654
CROCO B-200	500	8000*	Stock	02660
CROCO B-230	250	7000*	Stock	02664
CROCO B-250	250	7000*	Stock	02670
CROCO B-260	250	7000*	Stock	02674
CROCO B-290	250	7000*	Stock	02678
CROCO B-300	250	5000*	Stock	02680
CROCO B-350	250	5000*	Stock	02690
CROCO B-400	250	3000*	Stock	02700
CROCO B-450	250	3000*	Stock	02710
CROCO B-500	250	3000*	Stock	02720
CROCO B-550	125	3000*	Stock	02730
CROCO B-600	125	3000*	Stock	02740



### VILPE® CROCO ADJUSTABLE SCREW

**Description:** For fastening Croco adjustable fastener. The head of the screw is of the model Torx 25 (TX25). The product is necessary for installing the adjustable fasteners.

**Dimensions:** Socket: 125 mm, Ø 7 mm. Screw: 6.3 x 150 TX25.

**Contents:** Socket, screw.

250	21000	Stock	02703
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## Croco nails and screws

### VILPE® KLA CONCRETE NAIL

**Description:** For fastening Croco B-110 and Croco A-110 fasteners to a concrete fix-layer. The length of the nail is chosen according to the insulation thickness and the fastener so that the installation depth is at least 20 mm. Drill size is Ø 5 mm. Can also be used to fasten timber, sheet metal etc.

**Dimensions:** 35 - 155 mm

**Contents:** Concrete nail



### VILPE® KLA-ROOF SCREW NO-1 TX

**Description:** For fastening Croco B-110 and Croco A-110 fasteners to sheet metal or wooden fix-layer. No. 1 screw drills down max. 1.25 mm thick sheet metal. No. 3 screw is used for thicker materials. The length of the screw is chosen according to the insulation thickness and the length of the fastener so that the screw pierces the steel at least 15 mm.

**Dimensions:** 40 -150 mm

**Contents:** KLA roof screw TX



### VILPE® CONCRETE SCREW TX

**Description:** For fastening Croco B-110 and Croco A-110 fasteners to concrete fix-layer. The length of the screw is chosen according to the insulation thickness and the length of the fastener so that the installation a is at least 20 mm. Drill size is Ø 5 mm. Can also be used to fasten timber, sheet metal etc.

**Dimensions:** 40 -150 mm

**Contents:** Concrete screw TX



Model	Length	Delivery	Product No.
KLA-35 CONCRETE NAIL	35 mm	Order	67035
KLA-45 CONCRETE NAIL	45 mm	Order	67045
KLA-55 CONCRETE NAIL	55 mm	Order	67055
KLA-60 CONCRETE NAIL	60 mm	Order	67060
KLA-65 CONCRETE NAIL	65 mm	Order	67065
KLA-75 CONCRETE NAIL	75 mm	Order	67075
KLA-85 CONCRETE NAIL	85 mm	Order	67085
KLA-95 CONCRETE NAIL	95 mm	Order	67095
KLA-105 CONCRETE NAIL	105 mm	Order	67105
KLA-115 CONCRETE NAIL	115 mm	Order	67115
KLA-125 CONCRETE NAIL	125 mm	Order	67125
KLA-135 CONCRETE NAIL	135 mm	Order	67135
KLA-145 CONCRETE NAIL	145 mm	Order	67145
KLA-155 CONCRETE NAIL	155 mm	Order	67155
KLA-40 1-DRILL ROOFSCREW TORX	40 mm	Stock	425040
KLA-50 1-DRILL ROOFSCREW TORX	50 mm	Stock	425050
KLA-70 1-DRILL ROOFSCREW TORX	70 mm	Stock	425070
KLA-90 1-DRILL ROOFSCREW TORX	90 mm	Stock	425090
KLA-110 1-DRILL ROOFSCREW TORX	110 mm	Stock	425110
KLA-130 1-DRILL ROOFSCREW TORX	130 mm	Stock	425130
KLA-150 1-DRILL ROOFSCREW TORX	150 mm	Stock	425150
NO-3 KLA-50 DRILLSCREW TORX	50 mm	Stock	427050
NO-3 KLA-70 DRILLSCREW TORX	70 mm	Stock	427070
NO-3 KLA-90 DRILLSCREW TORX	90 mm	Stock	427090
NO-3 KLA-110 DRILLSCREW TORX	110 mm	Stock	427110
NO-3 KLA-130 DRILLSCREW TORX	130 mm	Stock	427130
NO-3 KLA-150 DRILLSCREW TORX	150 mm	Stock	427150
CONCRETE SCREW 6.3 x 35 TX 25	35 mm	Stock	672035
CONCRETE SCREW 6.3 x 50 TX 25	50 mm	Stock	672050
CONCRETE SCREW 6.3 x 60 TX 25	60 mm	Stock	672060
CONCRETE SCREW 6.3 x 70 TX 25	70 mm	Stock	672070
CONCRETE SCREW 6.3 x 80 TX 25	80 mm	Stock	672080
CONCRETE SCREW 6.3 x 90 TX 25	90 mm	Stock	672090
CONCRETE SCREW 6.3 x 100 TX 25	100 mm	Stock	672100
CONCRETE SCREW 6.3 x 110 TX 25	110 mm	Stock	672110
CONCRETE SCREW 6.3 x 120 TX 25	120 mm	Stock	672120
CONCRETE SCREW 6.3 x 130 TX 25	130 mm	Stock	672130

## Croco B and Croco A tools

For the concrete nail of Croco B 110 is drilled Ø 5 mm hole with drill bit which is fastened to drill bit extension. The normal SDS+ drills can be used when the insulation is not very thick. The concrete nails are installed with blow stick and drilling hammer.

Double-ended installation bit for Drill point screws and Croco B-110. Length of the bit is chosen according to length of the fastener. We recommend that the bit is at least 30 mm longer than the fastener.

A T-25 (7 mm) Torx tool is suitable for installation. If installing the product on concrete, an M drill and an M drill extension or similar tools are also needed. The Torx tool and M drill with extension are sold separately.

Model	Length	Delivery	Product No.
065-2X TORX BIT	65	Stock	910065
150-2X TORX BIT	150	Stock	910115
350-2X TORX BIT	350	Stock	910135
500-2X TORX BIT	500	Stock	910150
700-2X TORX BIT	700	Stock	910170
K-DRILL 5/28 (90270)		Stock	90274
K-DRILL EXTENSION-400 SDS	400	Stock	90270
K-DRILL EXTENSION-600	600	Stock	90272
K-DRILL EXTENSION-800	800	Stock	90277
5X150/210 SDS+DRILL		Stock	9515206
BLOW STIK-600 SDS+	600 <sup>(1)</sup>	Stock	90238
BLOW STIK-800 SDS+	800 <sup>(2)</sup>	Stock	90240
M-DRILL 5/35		Stock	90290
M-DRILL 5/55		Stock	90291
M-DRILL EXTENSION	750	Stock	90292
700-2X (7 mm) TORX BIT ADJUSTABLE	700	Stock	910180

<sup>(1)</sup>using length 400 mm

<sup>(2)</sup>using length 600 mm

## Selection table, Croco B

Insulation mm	Croco B + KLA Concrete nail	Croco B + KLA Drill point screw	Croco B + Concrete screw
Fastener elasticity 10 % of insulation			
20	CROCO B-20 + NAIL - 35	CROCO B-20 + SCREW - 40	CROCO B-20 + SCREW - 35
30	CROCO B-20 + NAIL - 45	CROCO B-20 + SCREW - 50	CROCO B-20 + SCREW - 50
40	CROCO B-20 + NAIL - 55	CROCO B-20 + SCREW - 70	CROCO B-20 + SCREW - 60
50	CROCO B-50 + NAIL - 35	CROCO B-50 + SCREW - 40	CROCO B-50 + SCREW - 35
60	CROCO B-50 + NAIL - 45	CROCO B-50 + SCREW - 50	CROCO B-50 + SCREW - 50
70	CROCO B-50 + NAIL - 55	CROCO B-50 + SCREW - 70	CROCO B-50 + SCREW - 60
80	CROCO B-50 + NAIL - 65	CROCO B-50 + SCREW - 70	CROCO B-50 + SCREW - 70
90	CROCO B-80 + NAIL - 45	CROCO B-80 + SCREW - 50	CROCO B-80 + SCREW - 50
100	CROCO B-80 + NAIL - 55	CROCO B-80 + SCREW - 70	CROCO B-80 + SCREW - 60
110	CROCO B-100 + NAIL - 45	CROCO B-100 + SCREW - 50	CROCO B-100 + SCREW - 50
120	CROCO B-100 + NAIL - 55	CROCO B-100 + SCREW - 70	CROCO B-100 + SCREW - 60
130	CROCO B-120 + NAIL - 45	CROCO B-120 + SCREW - 50	CROCO B-120 + SCREW - 50
140	CROCO B-120 + NAIL - 55	CROCO B-120 + SCREW - 70	CROCO B-120 + SCREW - 60
150	CROCO B-120 + NAIL - 65	CROCO B-120 + SCREW - 70	CROCO B-120 + SCREW - 70
160	CROCO B-150 + NAIL - 45	CROCO B-150 + SCREW - 50	CROCO B-150 + SCREW - 50
170	CROCO B-150 + NAIL - 55	CROCO B-150 + SCREW - 70	CROCO B-150 + SCREW - 60
180	CROCO B-150 + NAIL - 65	CROCO B-150 + SCREW - 70	CROCO B-150 + SCREW - 70
190	CROCO B-170 + NAIL - 55	CROCO B-170 + SCREW - 70	CROCO B-170 + SCREW - 60
200	CROCO B-170 + NAIL - 65	CROCO B-170 + SCREW - 70	CROCO B-170 + SCREW - 70
210	CROCO B-170 + NAIL - 75	CROCO B-170 + SCREW - 90	CROCO B-170 + SCREW - 80
220	CROCO B-200 + NAIL - 55	CROCO B-200 + SCREW - 70	CROCO B-200 + SCREW - 60
230	CROCO B-200 + NAIL - 65	CROCO B-200 + SCREW - 70	CROCO B-200 + SCREW - 70
240	CROCO B-200 + NAIL - 75	CROCO B-200 + SCREW - 90	CROCO B-200 + SCREW - 80
250	CROCO B-230 + NAIL - 55	CROCO B-230 + SCREW - 70	CROCO B-230 + SCREW - 60
260	CROCO B-230 + NAIL - 65	CROCO B-230 + SCREW - 70	CROCO B-230 + SCREW - 70
270	CROCO B-250 + NAIL - 55	CROCO B-230 + SCREW - 90	CROCO B-250 + SCREW - 60
280	CROCO B-250 + NAIL - 65	CROCO B-250 + SCREW - 70	CROCO B-250 + SCREW - 70
290	CROCO B-250 + NAIL - 75	CROCO B-250 + SCREW - 90	CROCO B-250 + SCREW - 80
300	CROCO B-250 + NAIL - 85	CROCO B-250 + SCREW - 90	CROCO B-250 + SCREW - 90
310	CROCO B-250 + NAIL - 95	CROCO B-250 + SCREW - 110	CROCO B-250 + SCREW - 100
320	CROCO B-250 + NAIL - 105	CROCO B-250 + SCREW - 110	CROCO B-250 + SCREW - 110
330	CROCO B-300 + NAIL - 65	CROCO B-300 + SCREW - 70	CROCO B-300 + SCREW - 70
340	CROCO B-300 + NAIL - 75	CROCO B-300 + SCREW - 90	CROCO B-300 + SCREW - 80
350	CROCO B-300 + NAIL - 85	CROCO B-300 + SCREW - 90	CROCO B-300 + SCREW - 90
360	CROCO B-300 + NAIL - 95	CROCO B-300 + SCREW - 110	CROCO B-300 + SCREW - 100
370	CROCO B-300 + NAIL - 105	CROCO B-300 + SCREW - 110	CROCO B-300 + SCREW - 110
380	CROCO B-350 + NAIL - 65	CROCO B-300 + SCREW - 130	CROCO B-350 + SCREW - 70
390	CROCO B-350 + NAIL - 75	CROCO B-350 + SCREW - 90	CROCO B-350 + SCREW - 80
400	CROCO B-350 + NAIL - 85	CROCO B-350 + SCREW - 90	CROCO B-350 + SCREW - 90
410	CROCO B-350 + NAIL - 95	CROCO B-350 + SCREW - 110	CROCO B-350 + SCREW - 100
420	CROCO B-350 + NAIL - 105	CROCO B-350 + SCREW - 110	CROCO B-350 + SCREW - 110
430	CROCO B-350 + NAIL - 115	CROCO B-350 + SCREW - 130	CROCO B-350 + SCREW - 120
440	CROCO B-400 + NAIL - 75	CROCO B-400 + SCREW - 90	CROCO B-400 + SCREW - 80
450	CROCO B-400 + NAIL - 85	CROCO B-400 + SCREW - 90	CROCO B-400 + SCREW - 90
460	CROCO B-400 + NAIL - 95	CROCO B-400 + SCREW - 110	CROCO B-400 + SCREW - 100
470	CROCO B-400 + NAIL - 105	CROCO B-400 + SCREW - 110	CROCO B-400 + SCREW - 110
480	CROCO B-400 + NAIL - 115	CROCO B-400 + SCREW - 130	CROCO B-400 + SCREW - 120
490	CROCO B-450 + NAIL - 75	CROCO B-450 + SCREW - 90	CROCO B-450 + SCREW - 80
500	CROCO B-450 + NAIL - 85	CROCO B-450 + SCREW - 90	CROCO B-450 + SCREW - 90
510	CROCO B-450 + NAIL - 95	CROCO B-450 + SCREW - 110	CROCO B-450 + SCREW - 100
520	CROCO B-450 + NAIL - 105	CROCO B-450 + SCREW - 110	CROCO B-450 + SCREW - 110

Croco A - corresponding combinations

## Croco adjustable fastener

Insulation mm	Flexibility mm	Croco A/B
165 - 250	15	CROCO A/B-150 + CROCO ADJUSTABLE SCREW
220 - 300	20	CROCO A/B-200 + CROCO ADJUSTABLE SCREW
275 - 350	25	CROCO A/B-250 + CROCO ADJUSTABLE SCREW
330 - 400	30	CROCO A/B-300 + CROCO ADJUSTABLE SCREW
380 - 450	30	CROCO A/B-350 + CROCO ADJUSTABLE SCREW
430 - 500	30	CROCO A/B-400 + CROCO ADJUSTABLE SCREW
480 - 550	30	CROCO A/B-450 + CROCO ADJUSTABLE SCREW
530 - 600	30	CROCO A/B-500 + CROCO ADJUSTABLE SCREW
580 - 650	30	CROCO A/B-550 + CROCO ADJUSTABLE SCREW
630 - 700	30	CROCO A/B-600 + CROCO ADJUSTABLE SCREW
680 - 750	30	CROCO A-650 + CROCO ADJUSTABLE SCREW
730 - 800	30	CROCO A-700 + CROCO ADJUSTABLE SCREW



# General Terms of Sale

## 1. Applicability

These terms are the general terms of sale of VILPE Oy. If these terms have been approved once in a trade between the parties, they shall be regarded as approved also in subsequent trades. If one party has in fact been informed of the terms based on a previous trade, the terms shall apply also to the first trade, even if the terms have not been specifically approved. These terms do not apply to agency trade.

## 2. Closing a Sale

### 2.1. Tender

The Supplier's tender is valid for the period mentioned in the tender. If no validity period has been mentioned, it is 30 days. All pictures, drawings, calculations and other documents related to the tender remain the Supplier's property. The recipient of the tender may not use them to the Supplier's disadvantage, disclose them to a third party or otherwise utilise them.

### 2.2. Order

In an order-based sale, an agreement is made when the Buyer indicates approval of the Supplier's tender as such. Otherwise, the sale is closed after the Supplier has confirmed the order or delivered the item(s).

## 3. Supplier's Responsibilities

### 3.1. Delivery Time

Unless otherwise agreed, the delivery time shall be considered to start at the below-mentioned time that is the latest:

- a) Date of the agreement
- b) In sales requiring an official permit, the date the Supplier received the permit declaration
- c) Date the agreed security or advance payment was given
- d) Date the Buyer supplied the information required for the delivery

### 3.2. Terms of Delivery

EXW Mustasaari Finland (Incoterms 2020). Additional pallet charge.

### 3.3. Warranty

The sold goods have a valid warranty according to the manufacturer's terms.

### 3.4. Properties of Product

The Supplier is responsible for the quality and other properties of a product only according to the information specified in the agreement and other information provided by the Supplier. The Buyer is responsible for the correctness of the information provided to the Supplier concerning the application of the product. With respect to product liability, the Buyer shall carefully study all the Supplier's specifications, instructions and descriptions concerning the product and act according to the limitations they require. The products shall absolutely be used only in the manner and in the applications they are intended for. If there is any uncertainty, the Buyer shall establish the suitability of the product for the intended use. When using the product, all instructions provided separately by the Supplier and common caution shall be followed. With respect to both product liability and product safety, the Buyer shall inform a new buyer of the matters known to him in case of a resale or transfer. The Supplier shall be immediately notified in writing of all issues related to product liability and product safety, and legal proceedings shall be initiated within three (3) years after the Buyer first became aware of any damage or liability for damages.

### 3.5. Indirect Damage

The Supplier is not liable for indirect damage to the Buyer due to a delay or faults in the delivery.

## 4. Buyer's Liability

### 4.1. Selling Price

The selling price is the price agreed by the parties. If the price has not been agreed, the selling price is the going price charged by the Supplier.

### 4.2. Term of Payment

The term of payment is determined by the common term of payment in the sector, 14 days net. Calculation of term of payment starts on the invoice date for warehouse deliveries and on delivery date for factory deliveries. Any remarks regarding the invoice must be done within 8 days from the start of the invoice date.

### 4.3. Revising the Purchase Price

The Supplier reserves the right to revise prices, should the exchange rates that directly affect the sale prices, VAT, import fees or other fees, taxes or tax-like fees independent of the Supplier change before the delivery date.

### 4.4. Interest for Delay and Collection Costs

Should the payment be delayed, an interest of 10 % is charged for the delayed time. In addition to the interest for delay, the Supplier may also recover the collection costs.

## 4.5. Securities

If giving security has been agreed, the security shall be given before the delivery of the products is started. The Supplier may require also later that a security for the sale price be paid if he has good reason to believe that the sale price or a part of it would not be paid. The Supplier may delay further deliveries until overdue payments have been paid or an acceptable security has been given. The Supplier is entitled to this also when an overdue part of the sale price has not been paid. The Buyer has no right to make any claims because of this delay.

## 4.6. Inspection of Product

The buyer is obliged to check the quantity and quality of the goods at the time of receipt and to indicate any deviations and acknowledgment of receipt. The Buyer shall immediately notify the Supplier or the carrier of a fault or a shortage in the delivery.

## 4.6. Complaint and Rectifying an Error

If a delivery is faulty in part, the Buyer shall notify the Supplier, in writing, of the error within 7 working days of the delivery date. The Supplier may primarily repair the fault or deliver a new product. The Buyer cannot require a delivery if a change has occurred in the conditions that significantly alters the relationship of the originally agreed performance obligations.

## 5. Termination

### 5.1. Buyer's Right to Terminate

If the Supplier's delivery essentially differs from what was agreed and the fault is not repaired within a reasonable time after the Buyer's written complaint, or if a new product according to the agreement is not delivered or if the delivery is delayed due to the Supplier in a manner causing unreasonable inconvenience to the Buyer, the Buyer has the right to terminate the agreement. If the product being the subject of the sale has been manufactured, purchased or packed especially for the Buyer according to his instructions and wishes and the Supplier cannot utilise the product without loss in other ways, the Buyer may cancel the sale due to the Supplier's delay only if the purpose of the sale cannot be integrally achieved because of the delay.

### 5.2. Supplier's Right to Terminate

If the selling price is not paid during the time limit, not due to the Supplier, the Supplier may cancel the sale or that part of the sale, the products of which the Buyer has not yet received, should the delay be significant. The Supplier has the right to terminate when based on the Buyer's declaration or otherwise it can be assumed that the Buyer's payment will be significantly delayed. Furthermore, the Supplier may terminate the sale if the Buyer does not contribute to the sale as agreed or otherwise reasonably expected.

### 5.3. Force Majeure

The Supplier is not liable for fulfilling the agreement if an act of God, fire, machine damage or a comparable disturbance, strike, lockout, war, mobilisation, export or import ban, lack of transport equipment, terminated manufacture, traffic disturbance or similar obstructions beyond the Supplier's control prevent the delivery of a product or its part. In addition, when fulfilling the agreement would require sacrifices unreasonable compared to the benefits to be occurred by the Buyer, the Supplier is not required to fulfil the contract. The Supplier is not liable to compensate to the Buyer any damage caused by nonfulfilment of the agreement, and he may also cancel the agreement.

## 6. Insurance

The parties shall insure the products according to the responsibilities of each party according to the agreed terms of delivery. All other insurances shall be agreed upon separately.

## 7. Transfer of Ownership

Ownership of a product is transferred to the Buyer when the full selling price has been paid and is freely available to the Supplier. An acceptance is not regarded as payment. The Supplier may at any time, without advance notice and separate payment, recover the products that have not been paid in full. If the Buyer has paid a part, both parties shall make an account within 30 days and present their calculation to the opposing party.

## 8. Declarations

The Sender is to be responsible for the reception of notifications sent to the other party.

## 9. Disputes

Any disputes due to these deliveries and interpretation of these delivery terms shall be settled at the district court of the place of domicile of the Supplier.





## 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.



VILPE/1-2021

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**VILPE®**  
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