

CATALOGUE 2023



The core of VILPE is innovations

VILPE was born from an innovation when my father Eero Saikkonen invented a mushroom-shaped fastener. My father has always said that continuous product development is the only way for a company to survive – without product development, a company can manage just fine for a couple of years but then troubles will begin. Over the decades, Eero's ideas have become solutions that facilitate everyday work at building sites.

Today, we also trust new ideas and innovations to take us through an insecure market period caused by a financial downturn and the Russian attack on Ukraine. Our customers and partners are the other cornerstone where we rely on. For example, the intelligent VILPE Sense solutions will open new business opportunities for our partners.

On our factory wall in Finland, we have had a banderol with a text stating: "The world's best ventilation pipes are made here." The demand for quality products designed and made in Finland will continue in the future. Fresh indoor air and healthy structures are always needed

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:

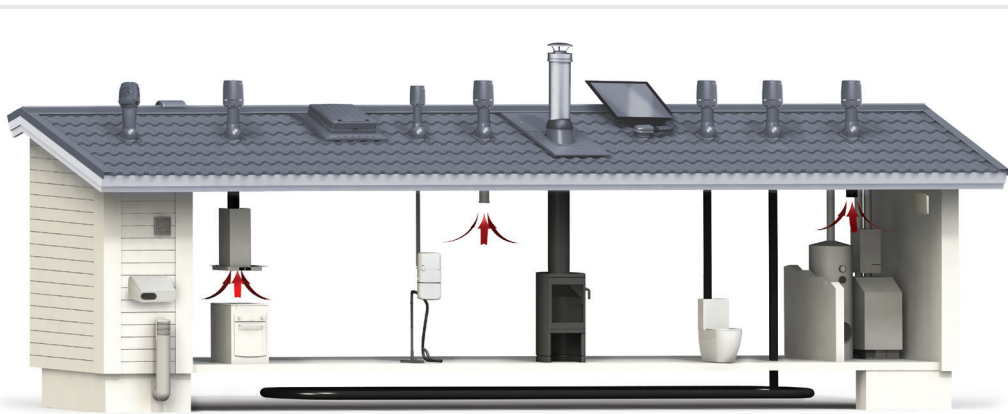
- **10** year aesthetic guarantee
- **20** year technical guarantee
- **2 + 3** year guarantee for electrical parts

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› **VILPE.COM**

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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.



VILPE® standard colours

Reference colour		
	Black	RAL 9005
	Brown	RAL 8019
	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.



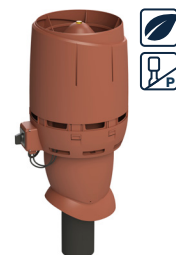
VILPE® ECO 110P/500 FLOW ROOF FAN

Description: Energy-efficient roof fan with FLOW cowl and EC motor for radon ventilation. Also suitable for ventilating an ecological toilet. A separate control panel--either the VILPE ECo Ideal Wireless or the VILPE ECo Controller 0-10 V--is needed to adjust the roof fan. VILPE pass-throughs suitable for a range of roofing types and material are available 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



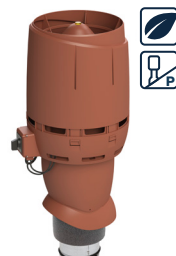
VILPE® ECO 125P/500 FLOW ROOF FAN

Description: Energy-efficient insulated roof fan with FLOW cowl and EC motor (with 0-10V control voltage). Includes a galvanized steel inner pipe with a lip seal. The pipe has a 50-mm built-in silencer. VILPE ECo control panels and VILPE pass-throughs suitable for a range of roofing types and material are available 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	350242
Green	1	24*	Order	350246
Grey	1	24*	Stock	350247
Red	1	24*	Order	350248
Brick Red	1	24*	Stock	350249
Light Grey	1	24*	Order	350241
Anthracite	1	24*	Order	35024D



VILPE® ECO 160P/500 FLOW ROOF FAN

Description: Energy-efficient insulated roof fan with FLOW cowl and EC motor (with 0-10V control voltage). Includes a galvanized steel inner pipe with a lip seal. VILPE ECo control panels and VILPE pass-throughs suitable for a range of roofing types and material are available 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	350252
Grey	1	24*	Stock	350257
Red	1	24*	Order	350258
Brick Red	1	24*	Stock	350259
Light Grey	1	24*	Order	350251
Anthracite	1	24*	Stock	35025D



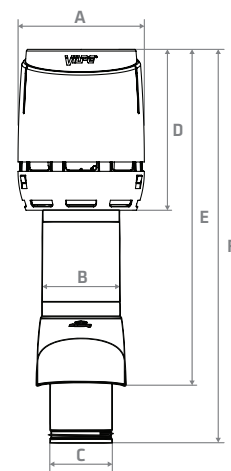
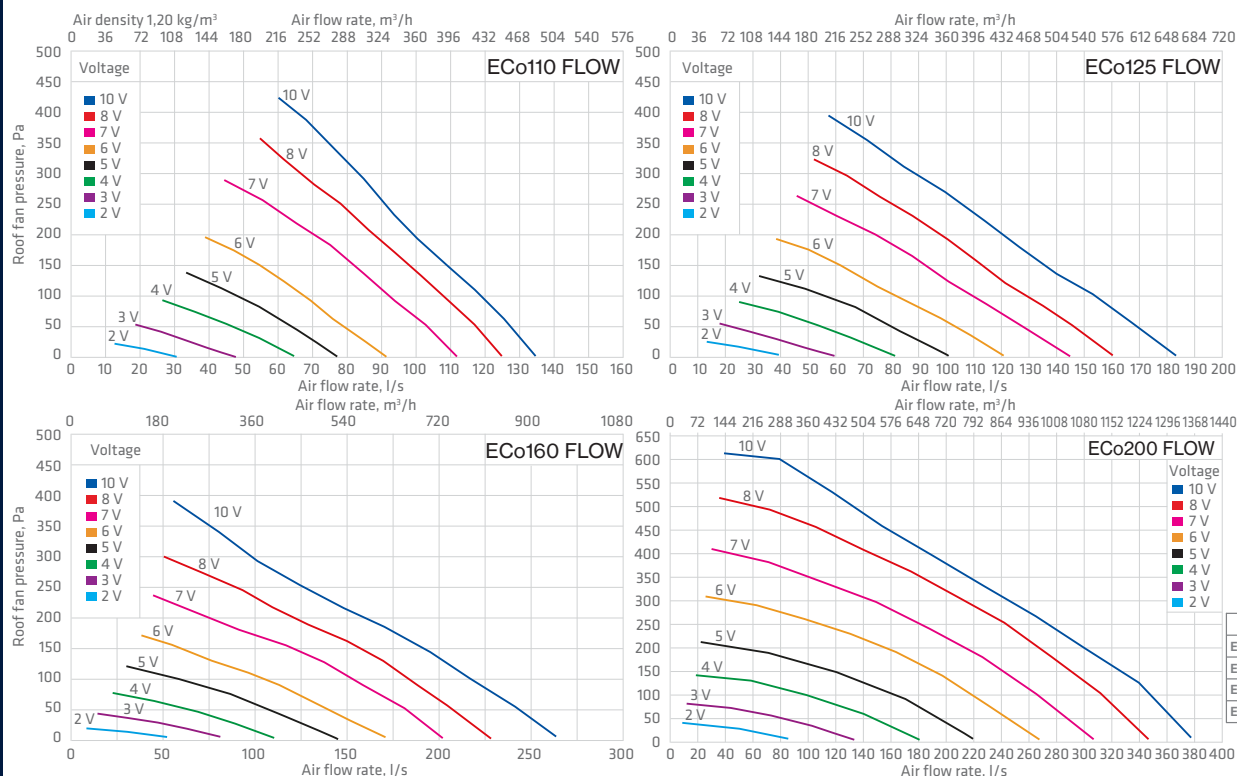
VILPE® ECO 200P/500 FLOW ROOF FAN

Description: Energy-efficient insulated roof fan with FLOW cowl and EC motor (with 0-10V control voltage). Includes a galvanized steel inner pipe with a lip seal. VILPE ECo control panels and VILPE pass-throughs suitable for a range of roofing types and material are available 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	Order	350307
Red	1	6	Order	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® E190P/Ø125/500 ROOF FAN

Description: Insulated roof fan. Includes a perforated, galvanized steel inner pipe with a lip seal. The pipe has a 50-mm built-in silencer. VILPE pass-throughs suitable for a range of roofing types and material are available separately.

VILPE P-series roof fans are compatible with all VILPE pass-through set types, although please note that P-series XL roof fans require an XL pass-through.

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	Order	73598
Brick Red	1	12	Stock	73599



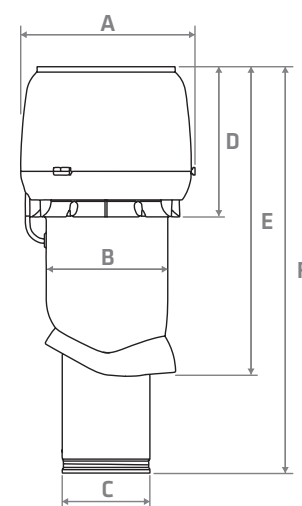
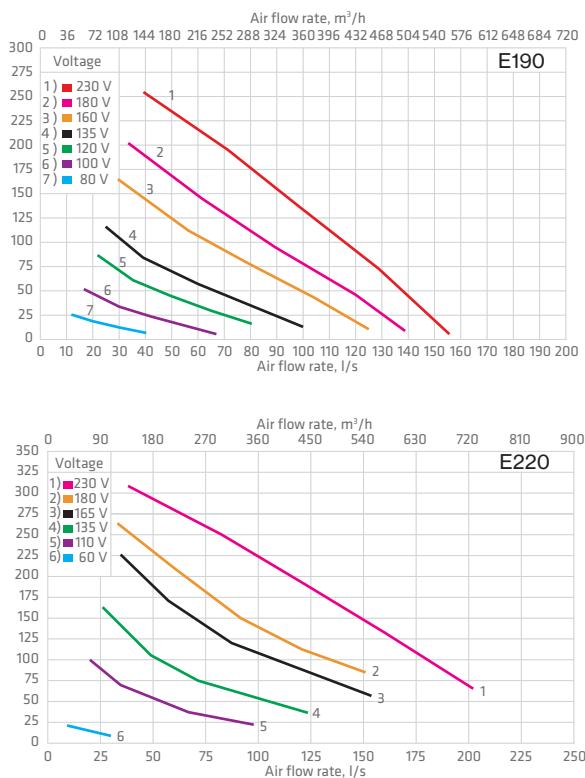
VILPE® E220P/Ø160/500 ROOF FAN

Description: Insulated roof fan. Includes a galvanized steel inner pipe with a lip seal. VILPE pass-throughs suitable for a range of roofing types and material are available separately. VILPE P-series roof fans are compatible with all VILPE pass-through set types, although please note that P-series XL roof fans require an XL pass-through.

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® ECO 110S FLOW ROOF FAN + INSTALLATION SET 300 X 300

Description: Energy-efficient roof fan with FLOW cowl and EC motor for radon ventilation. Also suitable for ventilating a garage or an ecological toilet. Compatible with the VILPE 110 mm insulated pipe or other pipes with external dimensions of Ø 160 mm. A separate control panel—either the VILPE ECo Ideal Wireless or the VILPE ECo Controller 0–10 V—is needed to adjust the roof fan. An installation set for a flat surface is included with this product.

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



VILPE® ECO 125S FLOW ROOF FAN + INSTALLATION SET 300 X 300

Description: Energy-efficient roof fan with FLOW cowl and EC motor (with 0–10V control voltage) for the top of an air conduit or silencer. An installation set for a flat surface is included with this product. VILPE ECo Controller control panel 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	Stock	350201



VILPE® ECO 160S FLOW ROOF FAN + INSTALLATION SET 300 X 300

Description: Energy-efficient roof fan with FLOW cowl and EC motor (with 0–10V control voltage) for the top of an air conduit or silencer. An installation set for a flat surface is included with this product. VILPE ECo Controller control panel 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	Stock	350211



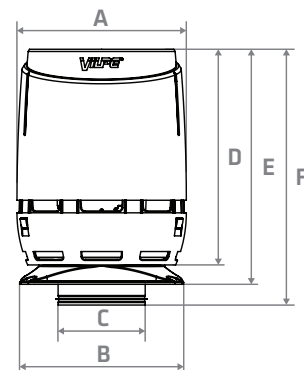
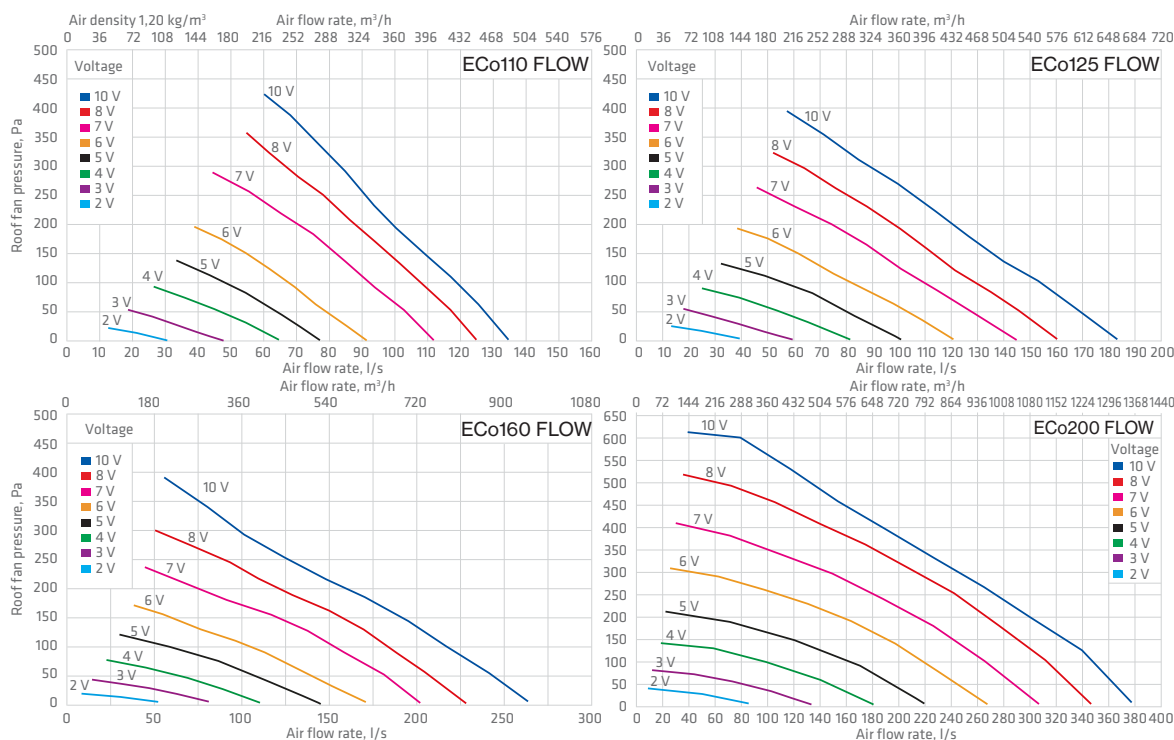
VILPE® ECO 200S FLOW ROOF FAN + INSTALLATION SET 400 X 400

Description: Energy-efficient insulated roof fan with FLOW cowl and EC motor (with 0–10V control voltage) for the top of an air conduit or silencer. If installed on a flat surface a separate installation set is required.

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® E190S/Ø125 ROOF FAN + INSTALLATION SET

Description: Roof fan for the top of an air conduit or silencer. An installation set for a flat surface is included with this product.

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	24*	Stock	737522
Grey	1	24*	Stock	737527
Red	1	12	Order	737528
Brick Red	1	12	Stock	737529
Light Grey	1	12	Order	737521



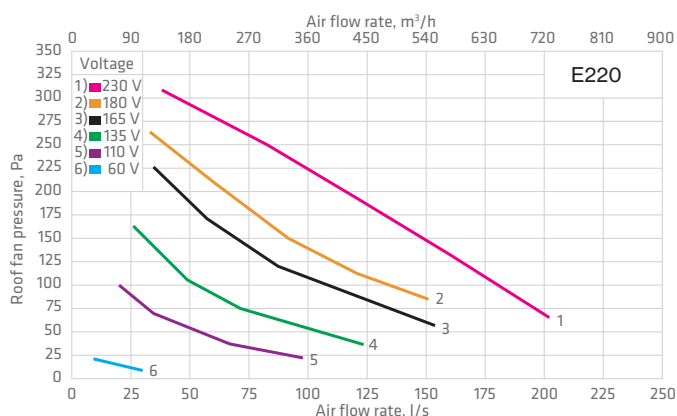
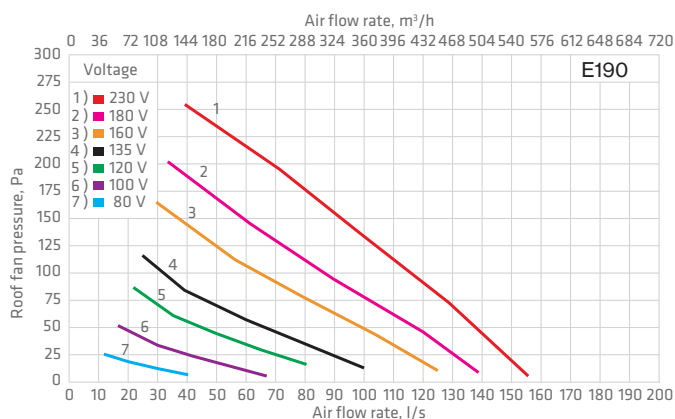
VILPE® E220S/Ø160 ROOF FAN + INSTALLATION SET

Description: Roof fan for the top of an air conduit or silencer. An installation set for a flat surface is included with this product.

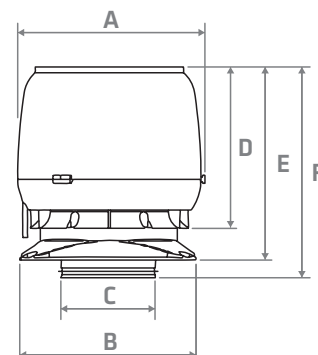
Dimensions: Duct size Ø 160 mm; installation set 300 x 300 mm, installation area must be at least the same size.

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

Black	1	24*	Stock	737502
Grey	1	24*	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: VILPE chimney fan with black aluminium cast housing and silumin compound propeller. Effectively removes smoke caused by fireplaces, heaters, wood stoves and ovens, allowing them to operate at ideal efficiency and prevent smoke from spreading indoors. Monitored and adjusted by a step transformer or a thyristor regulator which should be installed as close to the fireplace as possible. As the fan is installed on an insulation sheet on top of the chimney, it should only be used when there is a fire in the fireplace; ventilating after the fire has died down is also recommended.

Suitable for fireplaces with max. 0.35 m² clear opening area. Minimum size of flue opening 100 x 100 mm, maximum 230 x 230 mm. Highest portable gas temperature 200°C. Not suitable for round steel chimneys.

Contents: Chimney fan.

1	36	Stock	735098
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SMART SOLUTIONS TO ENSURE THE HEALTH AND DURABILITY OF STRUCTURES: THREE TRENDS THAT WILL INFLUENCE THE CONSTRUCTION SECTOR

A structurally sound roof and proper ventilation are effective ways to prevent moisture from accumulating in a building's structures and insulation.

1. Simplicity

"Both building owners and professionals want simplicity. In structural design, for example, the solutions used must be as durable and easily maintained as possible. Maintenance should be simple. When a new product comes onto the market, installation should be as straightforward as possible. Building owners, for their part, want ease of everyday life. Building technology must work without being too complicated to control or operate. Building owners want to focus on other things in their daily lives."

2. Quality

"Quality has always been important to professionals. Environmental concerns are becoming more and more important, and people want safer and longer-lasting solutions in construction. This requires smart IoT products to ensure the condition and durability of structures. Construction is increasingly regulated. On the other hand, rising prices may force people to save money on materials, for example, which may compromise quality in certain situations."

3. Dehumidification of structures

"In mild winters, temperatures are constantly hovering around zero, and it rains more often than it snows. The risk is that moisture is more likely to end up in the wrong places, from which it is then unable to escape. Moisture is also more likely to condense on structures when, for example, the weather warms up rapidly in winter. This is why attention must be paid to the ventilation of structures. Structures must be allowed to dry throughout. In a properly functioning building, the roof structures are ventilated and the ventilation openings are not blocked."

Detect roof leaks early and save on maintenance costs

Moisture damage most often goes undetected until it is too late: water has already penetrated the structure, leading to costly renovations. On a roof of thousands of square metres, just locating a leak can be a challenge.

"We wanted to bring property owners and maintenance companies an easy way to continuously monitor the roof and prevent leaks. The VILPE Sense roof leak detector enables proactive roof maintenance," says Veli-Pekka Lahti, Director of Research and Development at VILPE.

The solution makes for easy monitoring of roofs by detecting potential leaks in good time: a leak can be detected at a glance on a moisture map. This means less time is spent on maintenance visits, while at the same time the condition of the roof is better monitored. Problem areas can be addressed more quickly, which in turn saves on costs.



School building with constant roof monitoring

A school building in Kronoby – a small town in Finland – now uses an automatic system to improve its structural ventilation and to ease building maintenance.

The building's roofing area is quite large, so the VILPE Sense system was only used to ventilate a portion of the roof. The building in question was a healthy building, meaning it had not suffered from previous problems with moisture, and the Sense system did not reveal any existing moisture damage either.

If moisture levels in structures become too high, the Sense system automatically alerts users, and users can also choose the alert limit. This system is therefore convenient for those responsible for the town's building maintenance and supervision: they do not have to spend additional time checking the system manually. In Kronoby, people have been happy with the Sense system as it provides reliable information about the school roof structure and its condition.



The foundation of a terraced house was suffering from excessive moisture – here's how the problem was fixed

The chairman of a housing company in Korsholm, Finland, saw something worrying when he looked into the crawl space of a terraced house built in 2007: clear pieces of the load-bearing structure had been chipped away.

The chairman contacted the property manager, who contacted the engineering company Recon. The crawl space had been inspected before, but only now was it discovered that the problem was excessive moisture.

Not just fixing the problem: fixing the root cause

At the same time, Mika Iso-Oja from Recon was working on a plan of renovations for the site and heard about VILPE Sense from his colleague: the system was exactly what he needed.

"It was fascinating that I had thought of such a similar system, and then found it."

The VILPE Sense system was installed in the lower levels of terraced houses B and C in October 2020, replacing the old roof fans with a VILPE Sense ECo roof fan.

"Looking at the VILPE Sense data, you can see that conditions are now clearly better in the crawl space. The risk of damage to the steel is much lower," says Iso-Oja.



VILPE 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	735042
Extra sensor	1	Stock	735041



VILPE® SENSE MOBILE BASE STATION NEW

Description: Receives VILPE sense data from smart roof system's sensors and control unit, and uploads this directly to VILPE's cloud service for storage and analysis.

1	Stock	735043
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VILPE® ECO SENSE ROOF FAN NEW

Description: VILPE's ECo Sense roof fan is installed on a roof's negative pressure ventilation pipe. A VILPE Sense control unit and two sensors are connected to a roof fan. The roof fan adjusts automatically based on the data sent to it by the sensors, which allows for demand-controlled ventilation. Control voltage 0-10 V. EC motor.

Dimensions: Duct size Ø 110 mm, external Ø 257 mm. Height above roof 670 mm when installed on top of a negative pressure air vent.

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

1	Order	741982
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VILPE® SENSE LEAK DETECTOR NEW

Description: Installed within structures using a VILPE Croco fastener. The system also requires a VILPE Sense Mobile Base Station installed in roof structures or indoors. The Mobile Base Station receives data from the sensors and uploads and stores this data directly to VILPE's cloud service. The VILPE Sense Mobile Base Station and VILPE Croco fasteners are sold separately.

Contents: 10x Sensors RHT-2.

Stock	735045
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	Delivery	Product No.	
VILPE® ECO IDEAL WIRELESS VENTILATION CONTROL			
Description: Wireless control system for demand-controlled ventilation. Can be used to control VILPE ECo roof fans. Carbon dioxide sensors (CO2) sold separately. Contents: Wireless User Panel (UP), Control Unit (CU), Wireless Relative Humidity Sensor (RH), installation instructions.	Stock	735030	 
VILPE® ECO IDEAL WIRELESS RH SENSOR			
Description: Relative Humidity sensor for the VILPE ECo Ideal Wireless demand-controlled ventilation system. Contents: Relative Humidity (HR) sensor, installation instructions.	Stock	735031	 
VILPE® ECO IDEAL WIRELESS CO2 SENSOR			
Description: 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			
Description: Potentiometer for stepless steering of VILPE ECo roof fan speed. Voltage signal 0-10 V; surface installation only. Dimensions: 86 x 86 x 39 mm. Contents: Controller, instructions.	Stock	735038	 
VILPE® ECO CONTROLLER 0-10V			
Description: Controller for stepless manual control of VILPE ECo roof fan speed. Voltage signal 0-10 V; suitable for both flush and surface mounting. Contents: Controller.	Stock	735028	 
VILPE® ECo MONITOR DRIVE CONTROLLER			
Description: Printed Circuit Board (PCB) for controlling VILPE ECo roof fan operation. Can monitor rotation speed signals from 1-5 fans; multiple boards can also be linked together to allow for the monitoring of more fans. Functions include an isolated alarm output with a 15-20 second alarm threshold for one tachometer pulse per revolution, as well as a faulty fan LED. Adjustable 0-10 V speed control input and 10 V 1 mA operating voltage which can also be provided by the fan itself (Patent 2431303). Four fixing holes are available for mounting. Contents: ECo Monitor, instructions.	Stock	735029	 
VILPE® PRESSURE CONTROLLER 24 V			
Description: Measures and adjusts air flow pressure in ventilation ducts. Compatible with VILPE EC fans, and particularly suitable for multi-storey buildings. Dimensions: 78 x 90 x 40 mm. Contents: Pressure controller, installation instructions, hose, 2x measuring gauges.	Controller Stock Power supply Stock	735036 735037	 
VILPE® DESKTOP CO2 MONITOR			
Description: Desktop unit for measuring CO2 concentration and temperature in ambient air. Smart, compact and easy-to-use; data can be saved when connected to a computer. Contents: Monitor, USB cable, instructions.	Stock	735035	
VILPE® AC CONTROLLER			
Description: For adjusting the rotation speed of a roof fan. Surface and flush mounting. IP 20. Contents: Controller.	Stock	735023	

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



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 m² 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.

Roof fan	Duct	m ² maximum size		
		50 Pa	100 Pa	150 Pa
ECo125 FLOW	Ø 125 mm	360 m ²	340 m ²	310 m ²
ECo160 FLOW	Ø 160 mm	490 m ²	440 m ²	390 m ²
ECo200 FLOW	Ø 200 mm	660 m ²	630 m ²	600 m ²
E190	Ø 125 mm	270 m ²	230 m ²	180 m ²
E220	Ø 160 mm	410 m ²	360 m ²	300 m ²

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 tables are indicative only.

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

Electrical data of roof fans

E190, E220

Main supply
230V 50Hz, AC

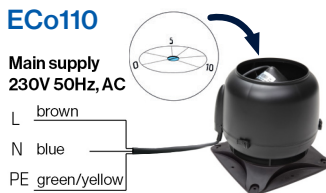
L brown
N blue
PE green/yellow



ECo110

Main supply
230V 50Hz, AC

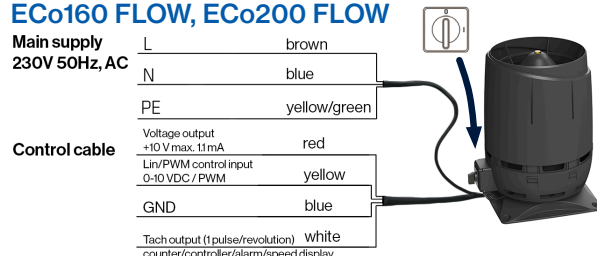
L brown
N blue
PE green/yellow



ECo110 FLOW, ECo125 FLOW, ECo160 FLOW, ECo200 FLOW

Main supply
230V 50Hz, AC

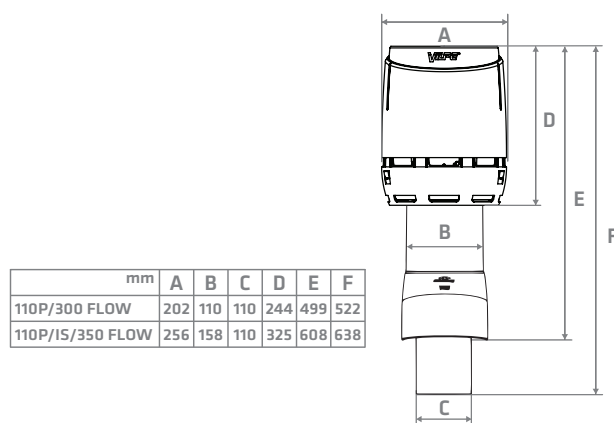
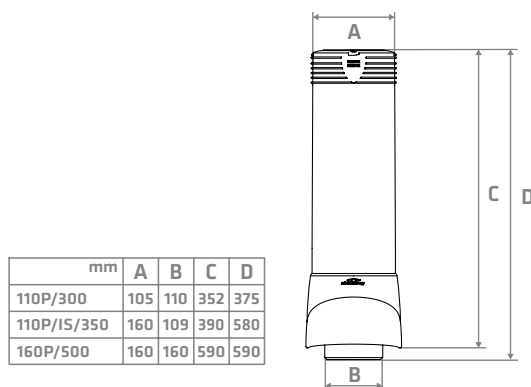
L brown
N blue
PE yellow/green
Voltage output +10 V max. 11 mA red
Lin/PWM control input 0-10 VDC / PWM yellow
GND blue
Tach output (1 pulse/revolution) white
counter/controller/alarm/speed display



VILPE® model	Power input	Current	Voltage	Capacitor	Rotation speed
ECo110 FLOW	83 W	0.75 A	230 V, 50 HZ	-	3200 rpm
ECo125 FLOW (E5)	83 W	0.75 A	230 V, 50 HZ	-	3200 rpm
ECo125 FLOW (E6)	81 W	0.65 A	230 V, 50 HZ	-	3150 rpm
ECo125 FLOW (BB)	87 W	0.70 A	230 V, 50 HZ	-	3300 rpm
ECo125 FLOW (ZH)	90 W	0.90 A	230 V, 50 HZ	-	3240 rpm
ECo160 FLOW	85 W	0.70 A	230 V, 50 HZ	-	2580 rpm
ECo200 FLOW	170 W	1.40 A	230 V, 50 HZ	-	2510 rpm
E190 (EB)	52 W	0.23 A	230 V, 50 HZ	1.5 µF	2350 rpm
E190 (EF)	64 W	0.23 A	230 V, 50 HZ	1.5 µF	2510 rpm
E220	88 W	0.39 A	230 V, 50 HZ	2 µF	2100 rpm



	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.	
VILPE® 110P/300 FLOW VENTILATION PIPE + COWL Description: Uninsulated ventilation pipe with FLOW cowl. VILPE pass-throughs suitable for a range of roofing types and material are available separately. Dimensions: Duct size Ø 110 mm, height above roof approx. 300 mm. Contents: Ventilation pipe, screws, FLOW cowl.	Black	10	80*	Stock	350232	
	Brown	10	80*	Stock	350234	
	Grey	10	80*	Stock	350237	
	Red	10	40	Stock	350238	
	Brick Red	10	40	Stock	350239	
	Light Grey	10	40	Stock	350231	
	Anthracite	10	80*	Stock	35023D	
VILPE® 110P/IS/350 FLOW VENTILATION PIPE + COWL Description: Insulated ventilation pipe with FLOW cowl. VILPE pass-throughs suitable for a range of roofing types and material are available separately. Dimensions: Duct size Ø 110 mm, height above roof approx. 500 mm. Contents: 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	
	Anthracite	4	32*	Stock	35029D	
VILPE® 110P/300 VENTILATION PIPE Description: Uninsulated ventilation pipe without a cowl. VILPE pass-throughs suitable for a range of roofing types and material are available separately. Dimensions: Duct size Ø 110 mm, height above roof approx. 300 mm. Contents: 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	
VILPE® 110P/500 VENTILATION PIPE Description: 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. Dimensions: Duct size Ø 110 mm, height above roof approx. 500 mm. Contents: Ventilation pipe, screws.	Black	14	112*	Stock	74110	
VILPE® 110P/IS/500 VENTILATION PIPE Description: Insulated sewer ventilation pipe without a cowl. VILPE pass-throughs suitable for a range of roofing types and material are available separately. Dimensions: Duct size Ø 110 mm, external Ø 160 mm, height above roof approx. 500 mm. Contents: Ventilation pipe, screws.	Black	12	96*	Stock	74161	
VILPE® 160P/500 VENTILATION PIPE Description: Uninsulated ventilation pipe without a cowl. VILPE pass-throughs suitable for a range of roofing types and material are available separately. Dimensions: Duct size Ø 160 mm, height above roof approx. 500 mm. Contents: Ventilation pipe, screws.	Black	12	48	Stock	74160	



VILPE® FLOW COWL 110

Description: FLOW cowl for VILPE ventilation pipe with external dimensions Ø 110 mm.

Contents: Cowl.

Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.
Black	22	144*	Stock	350222
Grey	22	144*	Stock	350227
Red	22	72	Stock	350228
Brick Red	22	72	Stock	350229
Light Grey	22	72	Stock	350221



VILPE® FLOW COWL 160

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

Contents: Cowl.

Black	10	80*	Stock	350072
Grey	10	80*	Stock	350077
Red	10	40	Stock	350078
Brick Red	10	40	Stock	350079
Light Grey	10	40	Stock	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	72*	Stock	731622
Grey	12	72*	Stock	731627
Red	12	72*	Stock	731628
Brick Red	12	72*	Stock	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: Rain cowl for VILPE 160P/500 Ventilation pipe with external dimensions Ø 160 mm.

Contents: Cowl.

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

Description: Insulation cover for old Ø 110 sewer ventilation pipes. Renews pipes' appearance and colour.

Dimensions: External Ø 160 mm, height 475 mm.

Contents: Freeze cover, screws.

Black	15	120*	Stock	74172
Grey	15	120*	Stock	741747
Red	15	60	Stock	741748
Brick Red	15	60	Stock	741749



VILPE® FLEX PIPE 110

Description: Used to connect a VILPE Ventilation Pipe to a Ø 110 mm drainage pipe.

Dimensions: Ø 110 mm.

Contents: Flex pipe, fixing clamps.

1	360	Stock	74204
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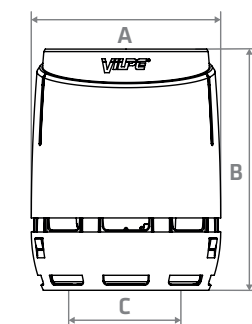
VILPE® ADAPTER 75/110

Description: Used to connect a Ø 110 VILPE Flex Pipe to a Ø 75 mm pipe.

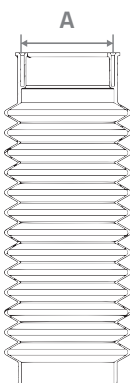
Dimensions: Ø 75/110 mm.

Contents: Adapter.

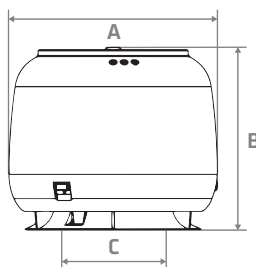
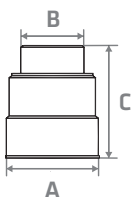
20	240	Stock	74203
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mm	A	B	C
FLOW Cowl 110	202	244	110
FLOW Cowl 160	256	325	160

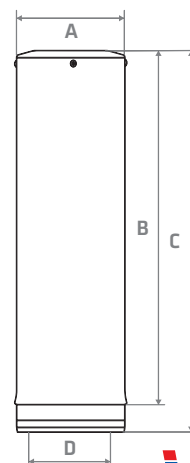


mm	A	B	C
Flex pipe	110	75	128



mm	A	B	C
Cowl 75	137	135	75

mm	A	B	C	D
Freeze cover	160	449	484	110





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

Description: Insulated exhaust ventilation pipe with FLOW cowl. Includes a galvanized steel inner pipe with a lip seal. VILPE pass-throughs suitable for a range of roofing types and material are available separately.

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

Contents: Exhaust ventilation pipe, FLOW cowl, screws.

Colour Pcs/pack Pcs/pallet Delivery Product No.

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*	Stock	350041
Anthracite	1	32*	Stock	35004D



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

Description: Insulated exhaust ventilation pipe with FLOW cowl. Includes a galvanized steel inner pipe with a lip seal. VILPE pass-throughs suitable for a range of roofing types and material are available 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*	Stock	350051
Anthracite	1	24*	Stock	35005D



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

Description: Insulated XL exhaust ventilation pipe with FLOW cowl. Includes a galvanized steel inner pipe with a lip seal. VILPE pass-throughs suitable for a range of roofing types and material are available 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	4	Order	350102
Grey	1	4	Order	350107
Red	1	4	Order	350108
Brick Red	1	4	Order	350109



VILPE® 200P/500 FLOW XL EXHAUST VENTILATION PIPE

Description: Insulated XL exhaust ventilation pipe with FLOW cowl. Includes a galvanized steel inner pipe with a lip seal. VILPE pass-throughs suitable for a range of roofing types and material are available 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
Anthracite	1	6	Order	35013D



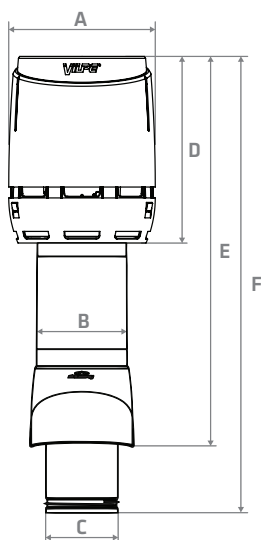
VILPE® 250P/500 FLOW XL EXHAUST VENTILATION PIPE

Description: Insulated XL exhaust ventilation pipe with FLOW cowl. Includes a galvanized steel inner pipe with a lip seal. VILPE pass-throughs suitable for a range of roofing types and material are available separately. This exhaust ventilation pipe can be used with XL pass-throughs but will not be fully insulated, as the ventilation duct is approximately 25 cm larger than the pass-through.

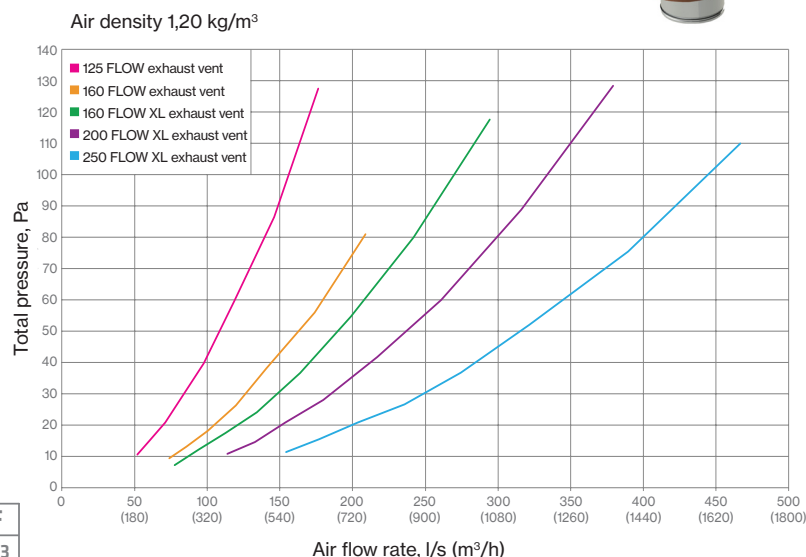
Dimensions: Duct size Ø 250 mm, external Ø 300 mm, height above roof approx. 500 mm.

Contents: Exhaust ventilation pipe, FLOW cowl, screws.

Black	1	6	Order	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



VILPE® 125S 250X250 FLOW EXHAUST VENT

Description: Exhaust vent for a flat surface with FLOW cowl.
Dimensions: Duct size Ø 125 mm; installation set 250 x 250 mm, 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	48*	Stock	350017
Red	1	24	Order	350018
Brick Red	1	24	Order	350019
Light Grey	1	24	Stock	350011



VILPE® 160S 300X300 FLOW EXHAUST VENT

Description: Exhaust vent for a flat surface with FLOW cowl.
Dimensions: Duct size Ø 160 mm; installation set 300 x 300 mm, 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	Stock	350031



VILPE® 200S FLOW XL EXHAUST VENT

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

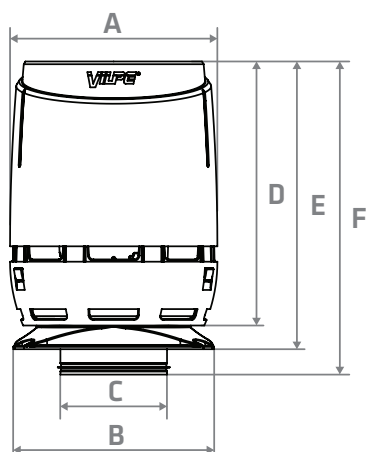
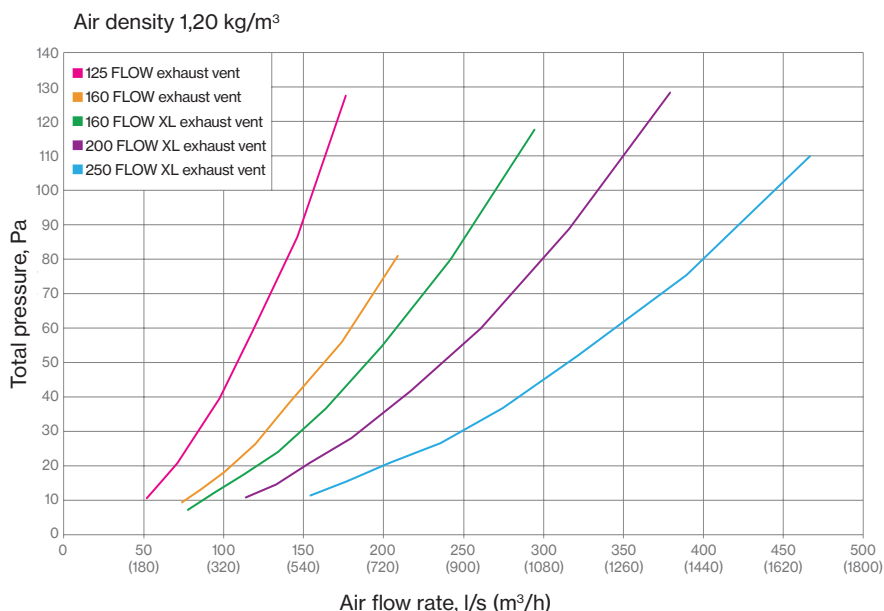
Black	1	8	Stock	350162
Grey	1	8	Stock	350167
Red	1	8	Order	350168
Brick Red	1	8	Order	350169



VILPE® 250S FLOW XL EXHAUST VENT

Description: Exhaust vent for a flat surface with FLOW cowl.
Dimensions: Duct size Ø 250 mm; installation set 400 x 400 mm, 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

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

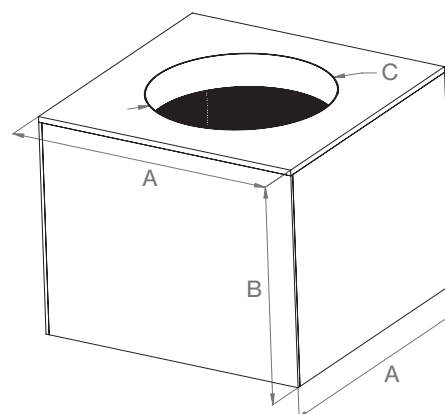
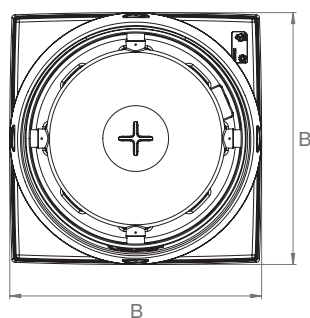
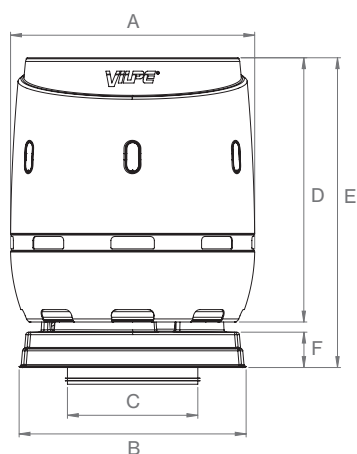
100 mm insulation layer with fire class a1

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

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

Dimensions: Ø 315 mm.

Contents: Exhaust vent, installation set, Ø 315 mm galvanized steel connection pipe.

Black	1	1	Order	350402
Grey	1	1	Order	350407
Silvergrey	1	1	Order	350401



VILPE® 400S FLOW EXHAUST VENT

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

Dimensions: Ø 400 mm.

Contents: Exhaust vent, installation set, Ø 400 mm galvanized steel connection pipe.

Black	1	1	Order	350412
Grey	1	1	Order	350417
Silvergrey	1	1	Order	350411



VILPE® 500S FLOW EXHAUST VENT

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

Dimensions: Ø 500 mm.

Contents: Exhaust vent, installation set, Ø 500 mm galvanized steel connection pipe.

Black	1	1	Order	350432
Grey	1	1	Order	350437
Silvergrey	1	1	Order	350431



VILPE® 630S FLOW EXHAUST VENT

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

Dimensions: Ø 630 mm.

Contents: Exhaust vent, installation set, Ø 630 mm galvanized steel connection pipe.

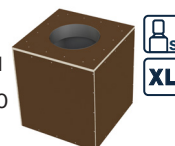
Black	1	1	Order	350442
Grey	1	1	Order	350447
Silvergrey	1	1	Order	350441



VILPE® 315/400S FLOW PASS-THROUGH SILENCER

Description: Pass-through has a 100 mm insulation layer with an A1 fire rating. Includes fasteners, screws and a built-in silencer.

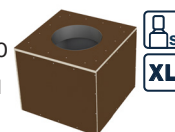
315S	1	1	Order	350421
400S	1	1	Order	350420



VILPE® 500/630S FLOW PASS-THROUGH SILENCER

Description: Pass-through has a 100 mm insulation layer with an A1 fire rating. Includes fasteners, screws and a built-in silencer.

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



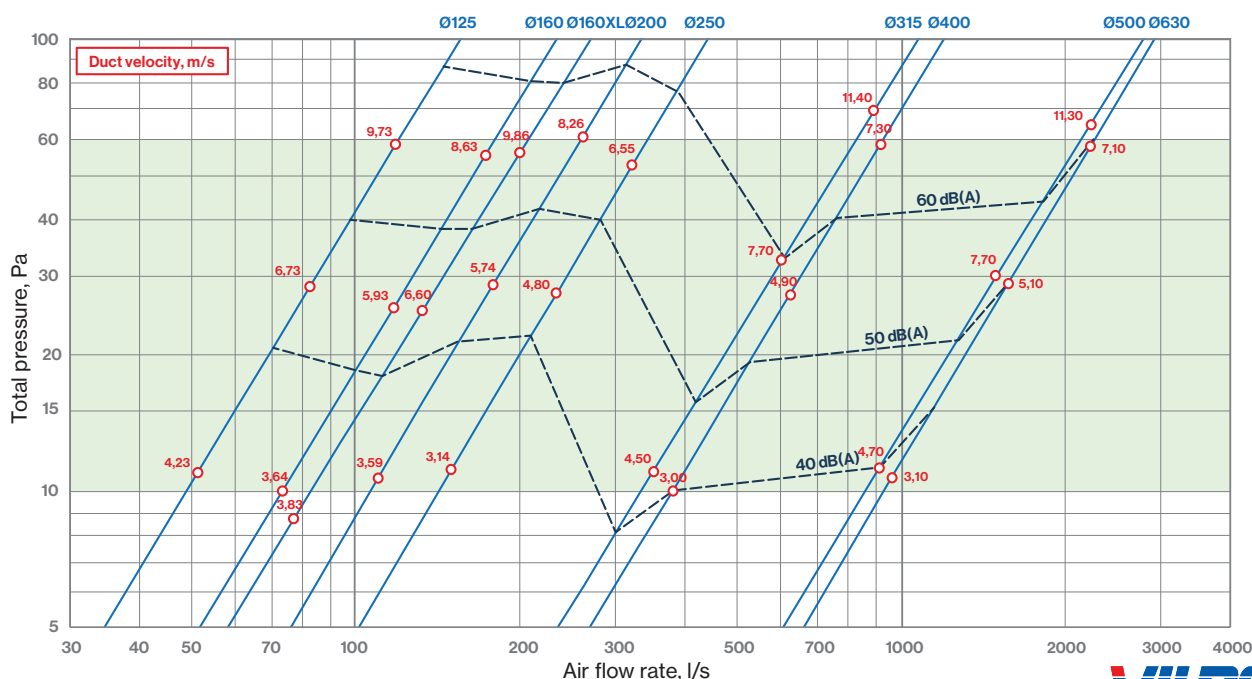
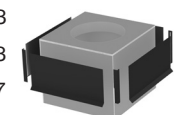
VILPE® FLOW STEEL FLASHING SET FOR PASS-THROUGH

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

Dimension: ¹437x720 mm; ²437x966 mm.

Contents: Painted steel flashing set, corner covers.

¹ 315/400S (Black)	1	1	Order	350423
² 500/630S (Black)	1	1	Order	350453
¹ 315/400S (Grey)	1	1	Order	350387
² 500/630S (Grey)	1	1	Order	350397



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



Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.
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VILPE® WIVE 100 INTAKE VENT SET THERMOSTAT

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.

White	1	77	Stock	380000
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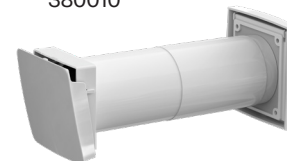
VILPE® WIVE 100 INTAKE VENT SET

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.

White	1	77	Stock	380010
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VILPE® WIVE 100 INTAKE VENT THERMOSTAT

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.

Content: Intake vent, filter, thermostat, instruction manual.

White	1	84	Stock	380030
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VILPE® WIVE 100 INTAKE VENT




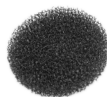


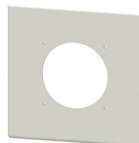

Description: The VILPE Wive intake vent brings in fresh outdoor air. The intake vent can be painted or wallpapered. The product fits buildings with mechanical ventilation. The intake vent can be installed on a wall or retrofitted to replace an old vent. VILPE Multifunction grille is to be installed on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

Dimensions: Intake vent 100 x 100 mm.

Content: Intake vent, filter, instruction manual.

White	1	84	Stock	380040
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	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.	
VILPE® WIVE 100 INTAKE VENT FOR VENTILATION WINDOW +THERM.						
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. 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. Dimensions: Intake vent 100 x 100 mm. Content: Intake vent, thermostat, instruction manuals.	White	1	245	Stock	380070	
VILPE® WIVE 100 INTAKE VENT FOR VENTILATION WINDOW						
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. 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. Dimensions: Intake vent 100 x 100 mm. Content: Intake vent, instruction manuals.	White	1	245	Stock	380080	
VILPE® WIVE 100 INTAKE VENT FILTERS (5 pc.)						
Description: Filters for the VILPE Wive intake vent. Effectively removes outdoor air pollutants. Filter classification ISO ePM10 75 %. Contents: Filter (5 pc.).		33	132	Stock	380022	
VILPE® WIVE 100 COARSE FILTER (5 pc.)						
Description: Filter for use with VILPE Wive vent for window vent. Contents: Coarse filter (5 pc.).		50	450	Stock	380025	
VILPE® WIVE 100 INTAKE VENT SILENCER (1 pc.)						
Description: Silencer for the VILPE Wive intake vent. Dampens outdoor noise which might otherwise enter the room through the intake vent. Dimensions: Ø 90 mm. Contents: Silencer.		1	1400*	Stock	380023	
VILPE® WIVE 100 EXTENSION PIPE						
Description: Extension pipe for the VILPE Wive intake vent. Effectively filters the air from outdoor air pollutants. Dimensions: Ø 100 mm x 160 mm. Content: Extension pipe.		58	464	Stock	380060	
VILPE® WIVE 100 FITTING PLATE 200X200						
Description: 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. Dimensions: 200 x 200 mm. Content: Fitting plate.		58		Stock	380026	
VILPE® STORMCOVER						
The VILPE Storm Cover is designed for use in exposed areas in which heavy winds and storms are common. The storm cover is mounted onto a VILPE Multifunction Grille 150x150, and protects the ventilation duct and interior of the building from rainwater and snow which might otherwise be blown inside. The Storm Cover also reduces external noise, as it covers the front of the Multifunction Grille beneath it. Dimensions: 158x167x75 mm Contents: Storm Cover, screws, instruction manual	Black	10	240	Stock	794002	
	White	10	240	Stock	794000	
	Light grey	10	240	Stock	794001	
	Grey	10	240	Stock	794007	
	Anthracite	10	240	Stock	79400D	
	White (bulk)	135	540	Stock	794010	
	Beige (bulk)	135	540	Stock	794013	
	Grey (bulk)	135	540	Stock	794017	
	Red (bulk)	135	540	Stock	794018	
	Anthracite (bulk)	135	540	Stock	79400D	



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.

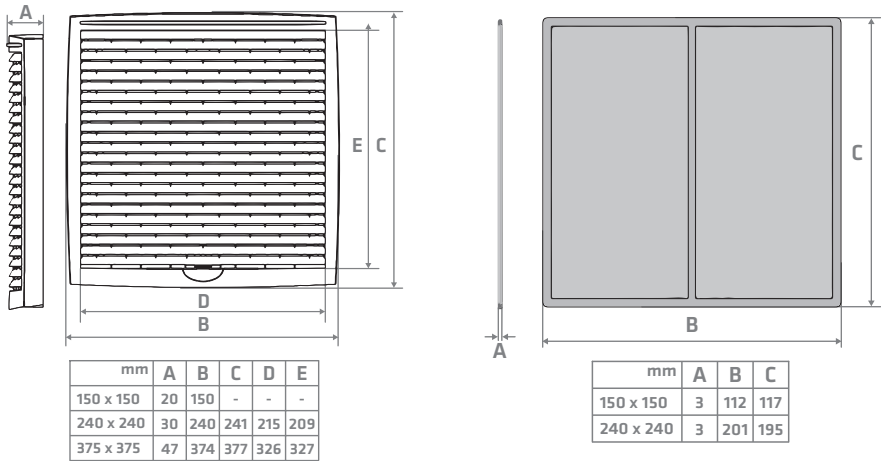


	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.	
VILPE® MULTIFUNCTION GRILLE 150 X 150 Description: When used in mechanical ventilation, a duct fitting plate Ø 60 or 100 mm is required. Dimensions: 150 x 150 mm. Contents: Multifunction grille, 6 mm plugs and screws.	White	1	480	Stock	793320	
	Beige	1	480	Stock	793321	
	Black	1	480	Stock	793322	
	Light Grey	1	480	Stock	793323	
	Grey	1	480	Stock	793327	
	Red	1	480	Stock	793328	
VILPE® MULTIFUNCTION GRILLE 240 X 240 Description: When used in mechanical ventilation, a duct fitting plate Ø 125, 160 or 200 mm is required. Dimensions: 240 x 240 mm. Contents: 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	
VILPE® MULTIFUNCTION GRILLE 375 X 375 Description: When used in mechanical ventilation, a duct fitting plate Ø 200, 250 or 315 mm is required. Dimensions: 375 x 375 mm. Contents: 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

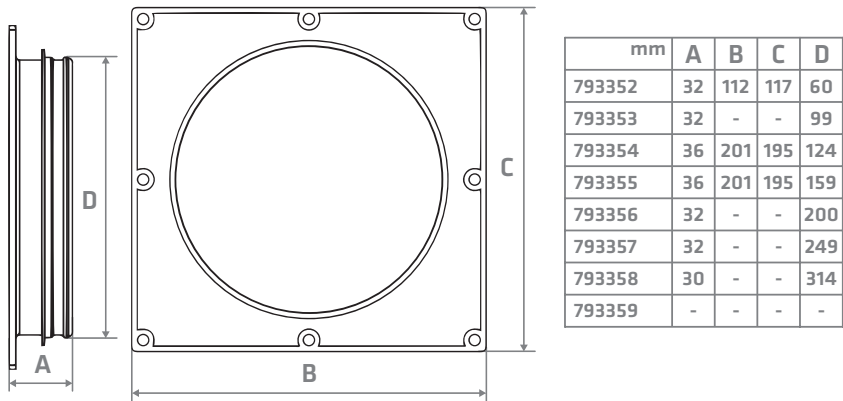
Technical data

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



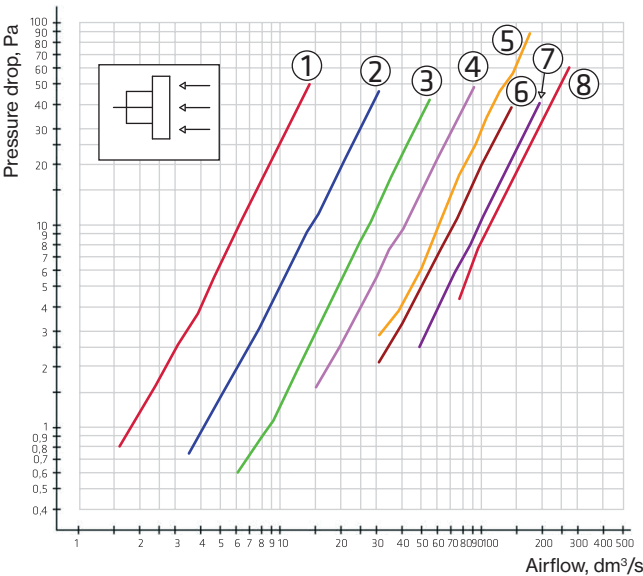
- Reference colour
- Light grey RAL 7038
 - Grey RAL 7015
 - Red RAL 3009
 - White RAL 9016
 - Beige RAL 1001

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

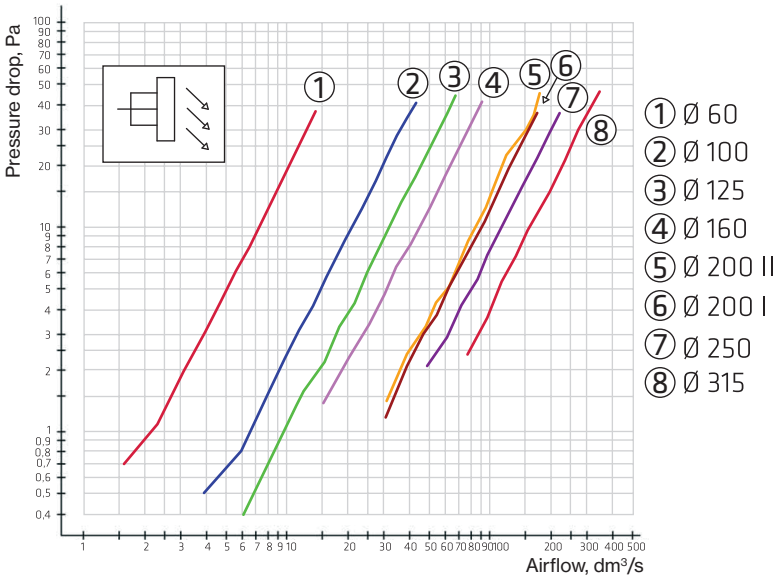


Airflow of Multifunction grille

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 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
Brick Red	1	24	Stock	370009



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
Brick Red	1	24	Stock	370109



VILPE® IO 200 -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 200 mm.

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

White	1	12	Stock	370200
Black	1	12	Stock	370202
Grey	1	12	Stock	370207
Red	1	12	Order	370208
Brick Red	1	12	Order	370209



VILPE® IO 250 -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 250 mm.

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

White	1	12	Stock	370300
Black	1	12	Stock	370302
Grey	1	12	Stock	370307
Red	1	12	Order	370308
Brick Red	1	12	Order	370309



VILPE® IO 125/160 INTAKE WALL ELEMENT

Description: Exterior wall-mounted product which directs intake air through the exterior wall, either into a ventilation unit or as an air inlet for basement spaces. Thanks to the ambidextrous design of the product, the same unit can be adapted to both left- and right-sided air intake configurations.

Dimensions: Duct size Ø 125/160 mm.

Contents: VILPE IO intake air element, screws and screw plugs, installation instructions.

White	1	24	Order	370120
Black	1	24	Order	370122
Grey	1	24	Order	370127
Red	1	24	Order	370128
Brick Red	1	24	Order	370129



VILPE® IO 200/250 INTAKE WALL ELEMENT

Description: Exterior wall-mounted product which directs intake air through the exterior wall, either into a ventilation unit or as an air inlet for basement spaces. Thanks to the ambidextrous design of the product, the same unit can be adapted to both left- and right-sided air intake configurations.

Dimensions: Duct size Ø 200/250 mm.

Contents: VILPE IO intake air element, screws and screw plugs, installation instructions.

White	1	12	Order	370130
Black	1	12	Order	370132
Grey	1	12	Order	370137
Red	1	12	Order	370138
Brick Red	1	12	Order	370139



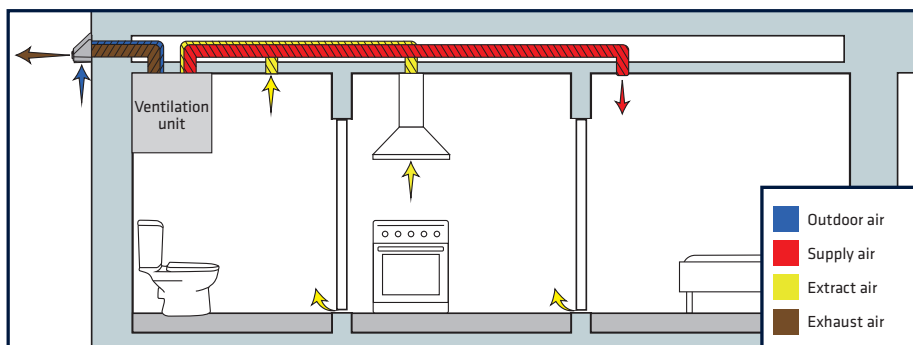
When to use the reduction piece

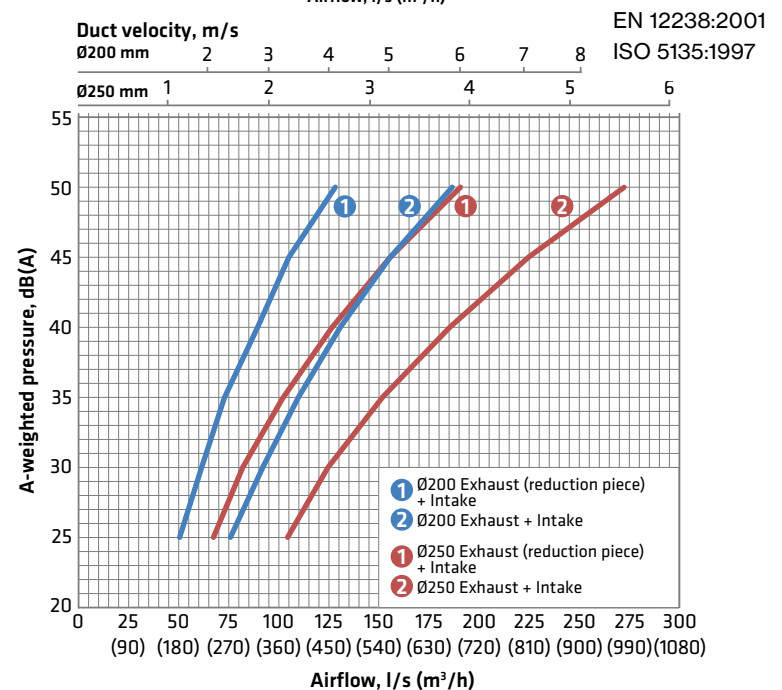
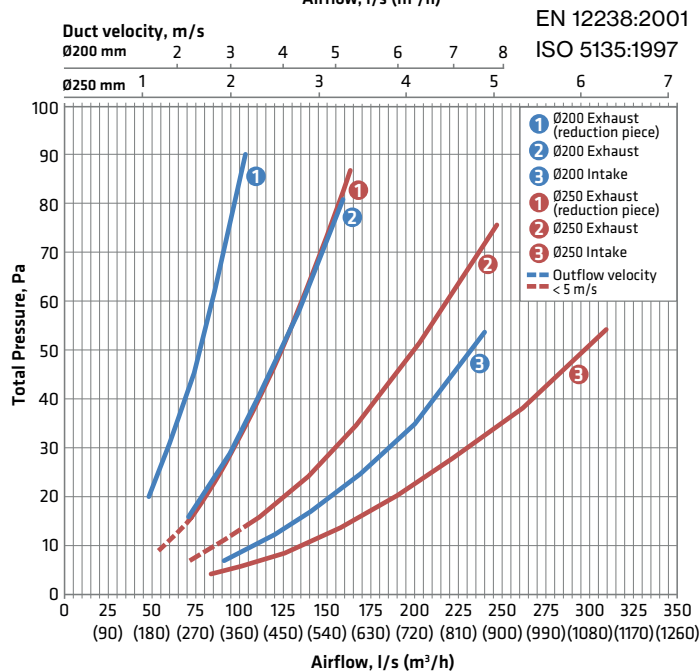
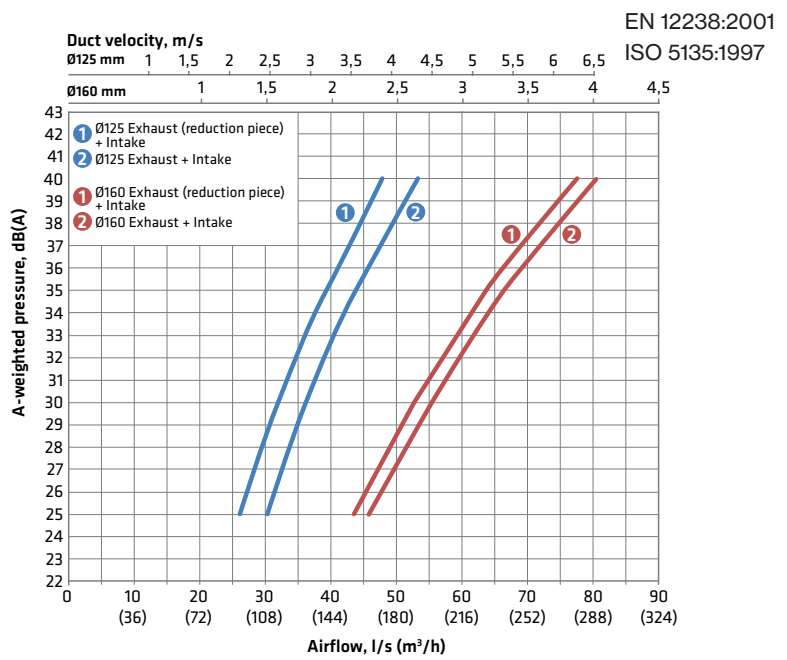
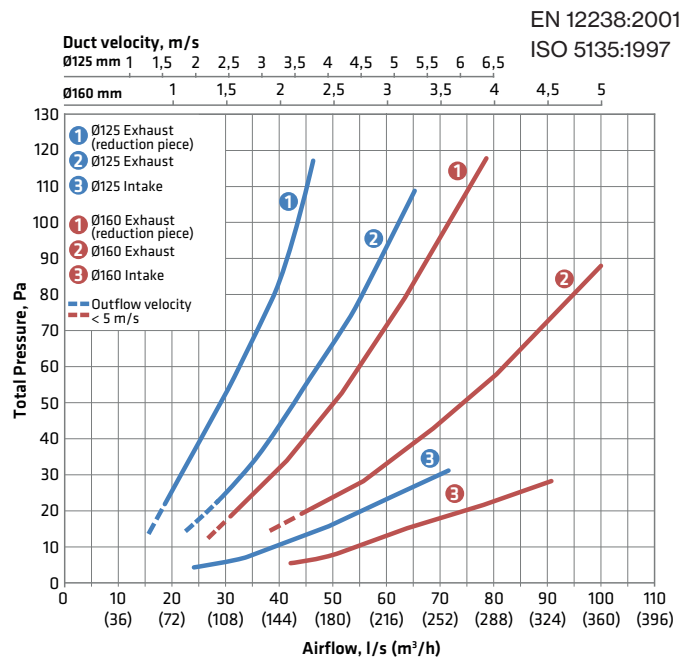
The exhaust airflow needed to reach 5 m/s outflow velocity is listed below.

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)

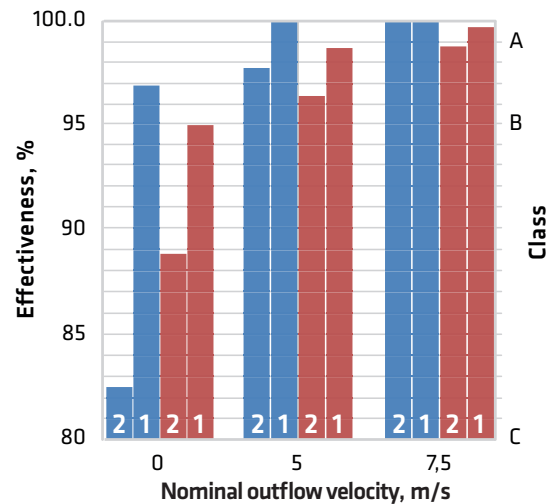
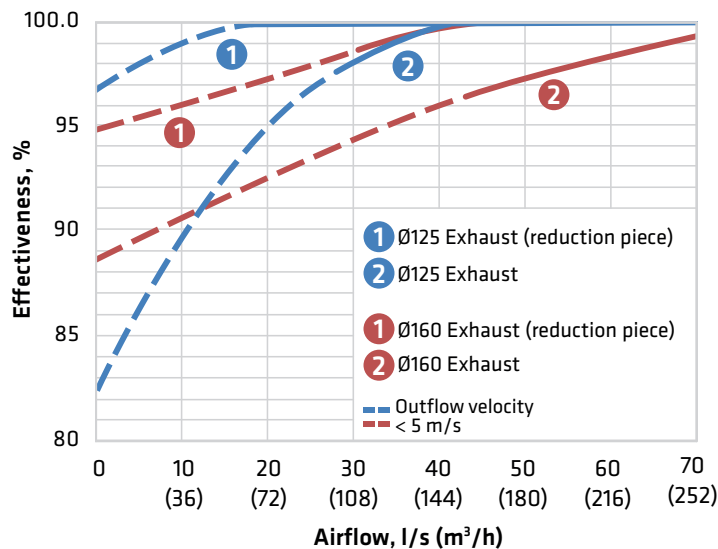




Rain rejection

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

EN 13030:2001



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 buildings with a mechanical ventilation system, to be installed on the roof. Includes VILPE Intake Cowl with a unique structure which separates rain droplets from the outside air. The attention to detail in the design ensures minimal pressure loss. A separate pass-through should be selected according to the roofing material.

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

Contents: Ventilation pipe, intake cowl, screws.

Black	1	24*	Stock	741882
Grey	1	24*	Stock	741887
Red	1	12	Order	741888
Brick Red	1	12	Stock	741889
Light Grey	1	12	Order	741881
Anthracite	1	24*	Stock	74188D



VILPE® 160S INTAKE VENT

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

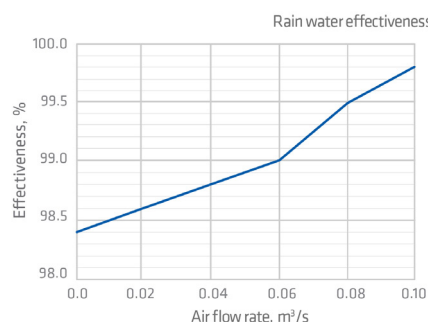
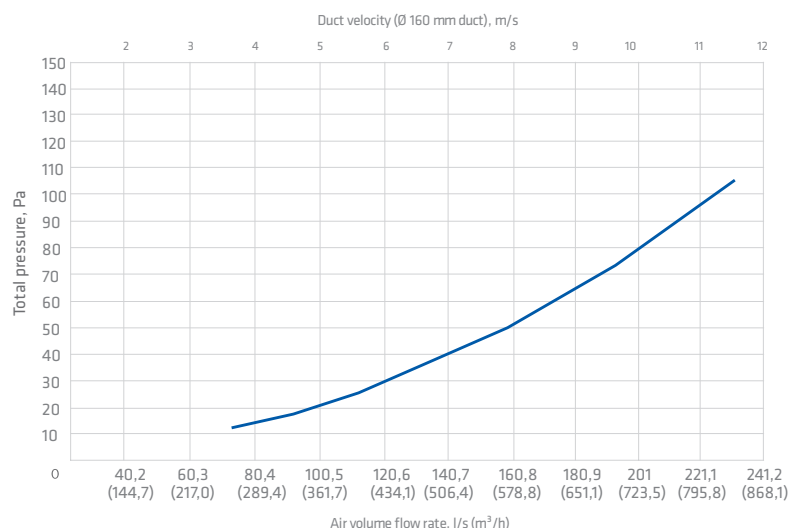
Dimensions: Duct size Ø 160 mm, external Ø 300 mm; installation set 300 x 300 mm, installation area must be at least the same size.

Contents: Ventilation pipe, intake cowl, installation set, screws.

Black	1	18	Stock	741892
Grey	1	18	Order	741897
Red	1	36*	Order	741898
Light Grey	1	18	Order	741891



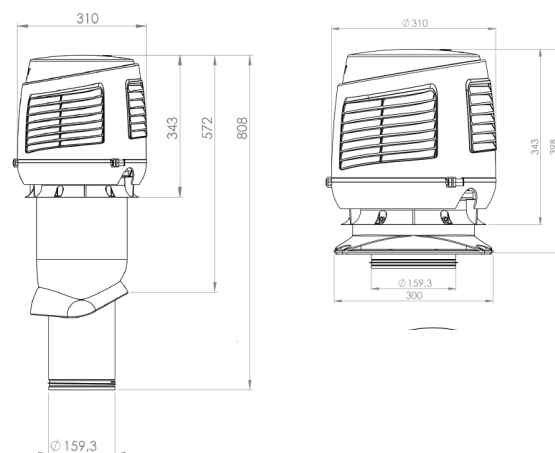
Device: VILPE Air intake unit (Ø 160 mm duct)
Performance of the device
Aerodynamic and flow noise properties
EN 12238:2001
ISO 5135:1997
Air density: 1.20 kg/m³



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

Symbols and units

q_v Air flow rate, m³/s
v Core velocity, m/s
E Effectiveness, %



P-series pass-throughs: 75 – 160 mm



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.

Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.
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® EVO 2K PASS-THROUGH

Description: Monier/Braas Teviva/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	Order	30007D



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.

2-WAVED T11

Brick Red	1	18	Order	300059
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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® 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
Brown	1	48	Stock	300034
Green	1	24	Order	300036
Grey	1	48	Stock	300037
Red	1	48	Stock	300038
Brick Red	1	24	Stock	300039



VILPE® AALTO 2K PASS-THROUGH

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







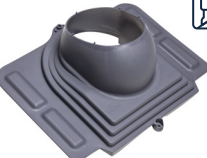

Contents: Pass-through, underlay 2K seal, sealing compound, screws, installation instructions/templates for the underlay seal and the pass-through.

Black	1	24	Stock	740742
Grey	1	24	Stock	740747
Red	1	24	Order	740748
Anthracite	1	24	Order	74074D





P-series pass-throughs: 75 – 160 mm

		Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.	
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.		Black	1	48*	Stock	74011	
		Grey	1	48*	Stock	74017	
		Red	1	24	Stock	74015	
		Brick Red	1	48*	Stock	74021	
		Light Grey	1	24	Order	74012	
		Anthracite	1	24	Order	7401D	
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	24*	Stock	740902	
		Grey	1	24*	Stock	740907	
		Red	1	12	Stock	740908	
		Brick Red	1	24*	Stock	740909	
		Anthracite	1	12	Stock	74090D	
VILPE® VITTINGE PASS-THROUGH							
Description: Vittinge clay tile roofing. Contents: Pass-through, underlay ring, screws, installation instructions.	1-WAVED E13	Brick Red	1	24	Stock	74009	
	2-WAVED T11	Brick Red	1	48*	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	Stock	740812	
		Grey	1	24	Stock	740817	
		Red	1	24	Order	740818	
		Brick Red	1	24	Order	740819	
		Anthracite	1	24	Stock	74081D	
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	48	Stock	746022	
		Grey	1	48	Stock	746027	
		Red	1	48	Stock	746028	
		Brick Red	1	48	Stock	746029	
		Light Grey	1	48	Stock	746021	
		Anthracite	1	24	Stock	74602D	
VILPE® CLASSIC LOIVA PASS-THROUGH NEW							
Description: Plain standing seam roofing with roof pitches of 5-27°. Thick rubber seal on the bottom of the flange. Contents: Pass-through, underlayring, screws, installation instructions/templates for the underlay seal and the pass-through.		Black	1	24	Stock	746042	
		Grey	1	24	Stock	746047	
		Red	1	24	Stock	746048	
		Brick Red	1	24	Stock	746049	
		Light Grey	1	24	Stock	746041	
		Anthracite	1	24	Stock	74604D	
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	36*	Stock	73552	
		Grey	1	36*	Stock	73557	
		Red	1	36*	Stock	73556	
		Brick Red	1	36*	Stock	73559	
		Light Grey	1	18	Stock	73551	
		Anthracite	1	18	Stock	7355D	
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	72	Stock	75172	
		Grey	1	72	Stock	75177	
		Red	1	84	Stock	75178	
		Brick Red	1	72	Stock	75179	
		Anthracite	1	36	Stock	7517D	
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	74082D	

P-series pass-throughs: 75 – 160 mm



15 – 160 mm	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.
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	36	Stock	740802
	Grey	1	36	Stock	740807
	Red	1	36	Order	740808
	Brick Red	1	36	Order	740809
	Anthracite	1	36	Order	74080D
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	48*	Stock	740762
	Grey	1	48*	Stock	740767
	Red	1	24	Stock	740768
	Brick Red	1	24	Stock	740769
	Anthracite	1	24	Stock	74076D
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	40*	Stock	741062
	Grey	1	40*	Stock	741067
	Red	1	20	Stock	741068
	Brick Red	1	40*	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, lenght 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	112	Stock	740752
	Grey	14	112	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	400*	Stock	75703
	Light Grey	10	400*	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.		10	120	Stock	75700
VILPE® ETERNIT B9 PASS-THROUGH					
Description: Fibre-cement roofing with tile width and wave height of 177 mm and 57 mm. Contents: Pass-through.	Black		50	Stock	74007
	Grey		50	Stock	740077



P-series pass-throughs: 75 – 160 mm

Colour Pcs/pack Pcs/pallet Delivery Product No.

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



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



P-series pass-throughs: 160 – 250 mm

Colour Pcs/pack Pcs/pallet Delivery Product No.

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 8* Stock 735502
Grey 1 8* Stock 735507
Red 1 4 Stock 735508
Brick Red 1 8* Stock 735509

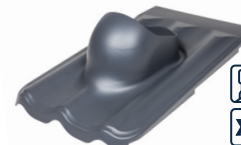


VILPE® XL UNIVERSAL MK1 PASS-THROUGH

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 8* Stock 735512
Grey 1 8* Stock 735517
Red 1 8* 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 24* Stock 732542
Grey 1 24* Stock 732547
Red 1 12 Stock 732548
Brick Red 1 12 Stock 732549
Light Grey 1 24* Order 732541
Anthracite 1 12 Order 73254D



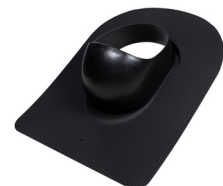
VILPE® XL FELT PASS-THROUGH

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 40 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°	-	-	-
Classic Loiva	-	27°	27°	27°	-	-	-
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 Order 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



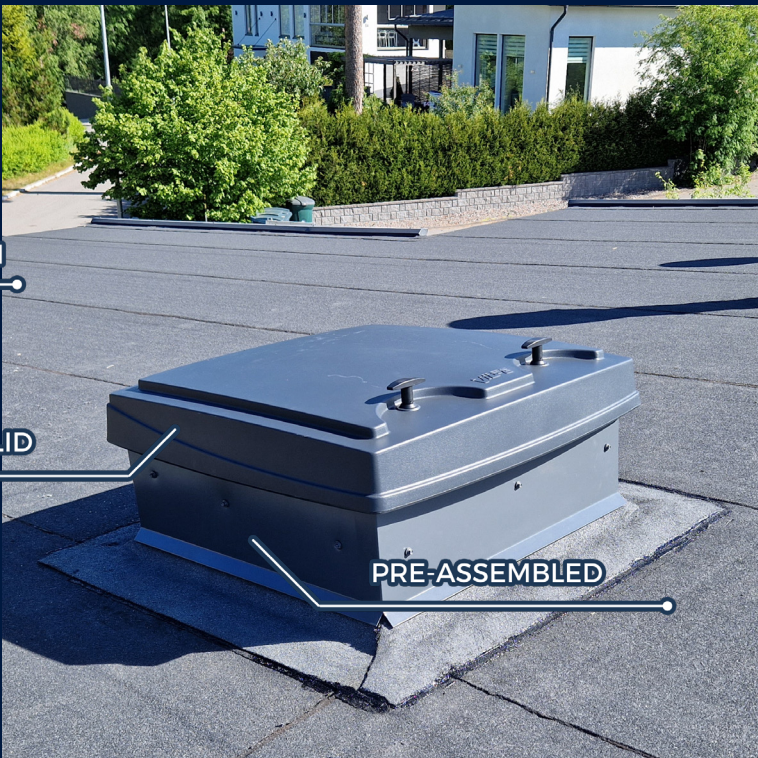
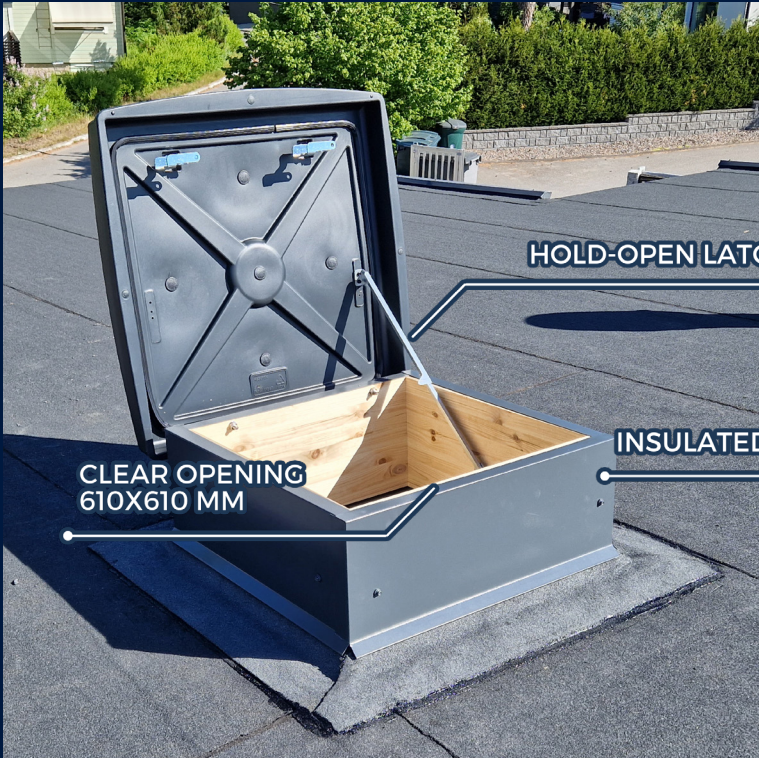
Ventilation of structures

	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.	
VILPE® KTV FELT VENTILATION SET/RIDGE						
Description: 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. Contents: Ventilator	Black	24	96	Stock	753122	
VILPE® RIDGE TILE AIR VENT FLOW						
Description: Negative pressure air vent for the ventilation of roof structures and attic spaces. Designed for most common concrete tile roofing types. Replaces one ridge tile. Contains a 100 mm pipe, cowl, ridge pass-through adaptor and fixing screws. The cowl prevents rainwater from entering the structures or attic space. Dimensions: Height 300 mm. Contents: Negative pressure air vent, FLOW-cowl, ridge pass-through adaptor, screws.	Black	1	36*	Stock	733932	
	Grey	1	18	Stock	733937	
	Red	1	18	Stock	733938	
	Brick Red	1	18	Stock	733939	
VILPE® RIDGE CAPPING VENT						
Description: 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. Contents: 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	
VILPE® AIRIDGE FELT RIDGE VENT						
Description: Underpressure air vent for ventilating the roof structures of felt roofing. Installed in a chain on the ridge by using SNAP couplings. Dimensions: 580 x 325 x 30 mm. Max. angle 45°. Contents: Ventilator.	Black	12	144	Stock	73090	

MULTIROOF

ROOF HATCH

NEW




HOLD-OPEN LATCH

CLEAR OPENING
610X610 MM

INSULATED LID

PRE-ASSEMBLED

Roof hatches

	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.	
VILPE® UNIROOF ROOF HATCH						
Description: 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. Dimensions: Opening 600 x 600 mm. Contents: 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	


VILPE® FELT ROOF HATCH

Description: For both roll and shingle felt roofing. Used as a fire and service hatch and an access between the roof and the attic space. The flange is installed with hot bitumen between two felt layers.
Dimensions: Opening 600 x 600 mm. Flange 150 mm.
Contents: Roof hatch, screws, installation instructions.

Black	1	3	Stock	738842
Grey	1	3	Stock	738847
Red	1	3	Stock	738848
Brick Red	1	3	Stock	738849



KTV ventilation sets

	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.	
VILPE® KTV TILE VENTILATION SET						
Description: 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. Contents: 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	

VILPE® KTV UNITILE VENTILATION SET

Description: 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).
Contents: 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



VILPE® KTV CLASSIC VENTILATION SET

Description: 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.
Contents: KTV ventilator, underlay ring, screws.

Black	1	84*	Order	732532
Grey	1	36	Stock	732537



VILPE® KTV STEEL VENTILATION SET

Description: 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.
Contents: 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



VILPE® KTV PROFILED STEEL VENTILATION SET

Description: 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.
Contents: 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



VILPE® KTV FELT VENTILATION SET

Description: 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.
Contents: KTV ventilator, screws.

Black	14	56	Order	780102
Grey	14	56	Order	780107
Red	14	56	Order	780108
Brick Red	14	56	Order	780109



Right pass-through for solar panels keeps your building safe



Higher energy prices have increased the demand for solar panels. There are several things to consider when installing solar panels, among other things, the location of the building and the number of panels. It is also important to consider smaller details that seem to be trivial in the moment but that can become important in the future, for instance the pass-through.

The job of the pass-through is to provide a waterproof, safe and flexible solution for passing through e.g. solar collector pipes and cables as well as other smaller pipes and wires from the roof and into the house. The Solar pass-through range includes a solution for all roofing materials.

The Solar Cable Sealing makes the pass-through even more waterproof







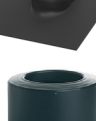




VILPE has developed and manufactured pass-throughs of the highest quality for decades. The Solar pass-throughs include a preattached coupling ring. Furthermore, the pass-through set includes a flange, a cover, a shrinking tube and the screws needed for installation. The size of the pipe hole in the front of the Solar pass-through is 100 mm x 60 mm. For \varnothing 4 - 50 mm cables and wires there is also separately available Solar Cable Sealing.






The cover of the Solar pass-through is detachable, which facilitates service procedures of the pipes. The flange and the cover can be turned sideways 90 degrees to the direction of the pipes. This facilitates the installation and ensures a safe passing through.







Solar pass-throughs

	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.	
VILPE® SOLAR TILE PASS-THROUGH						
Description: The most common concrete tile roofings with tile width of 330 mm. Replaces one 2-wave concrete tile. Contents: 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	
VILPE® SOLAR UNITILE PASS-THROUGH						
Description: All tile roofings (ceramic, clay, concrete and special tiles, 1- and 2-wave tiles as well as plain tiles). Contents: 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	Order	756528	
	Brick Red	1	20	Stock	756529	
VILPE® SOLAR VITTINGE PASS-THROUGH						
Description: Vittinge clay tile roofings. Contents: Pass-through, underlay ring, flange, cover, shrink-ing 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	
VILPE® SOLAR PROFILED STEEL PASS-THROUGH						
Description: 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 mount-ed on the lower surface. Contents: Pass-through, underlay ring, sealing compound, flange, cover, shrinking tube, screws, templates/installation instructions.	Black	1	36	Stock	75632	
	Grey	1	36	Order	75637	
	Red	1	36	Order	75638	
	Brick Red	1	36	Order	75639	
VILPE® SOLAR STEEL PASS-THROUGH						
Description: The most common concrete tile roofings with tile width of 330 mm. Replaces one 2-wave concrete tile. Contents: Pass-through, underlay ring, flange, cover, shrink-ing 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	
VILPE® SOLAR CLASSIC PASS-THROUGH						
Description: For plain standing seam roofings or felt roofings. Retrofittable. Thick rubber seal under the flange. Sealing compound is required separately on felt roofs. Contents: Pass-through, underlay ring, flange, cover, shrink-ing 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	
VILPE® SOLAR FELT TALL PASS-THROUGH						
Description: For felt roofing with roof pitch less than 1:5 (11.5 degrees). Installed between two felt layers. Dimensions: Stem height 200 mm. Contents: Pass-through, flange, cover, shrinking tube, screws, installation instructions.	Black	1	8	Stock	75672	
VILPE® SOLAR FELT PASS-THROUGH						
Description: For new felt roofings. Installed between two felt layers. Contents: Pass-through, flange, cover, shrinking tube, screws, installation instructions/template.	Black	1	12	Order	75642	
VILPE® SOLAR CABLE SEALING						
Description: 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. Contents: Cable sealing, clamp.				Stock	75701	

	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.	
VILPE® ALIPAI FLOW 110 UNDERPRESSURE AIR VENT						
Description: Underpressure ventilation pipe for ventilating roof structures of a low-pitched felt roof. Installed with hot bitumen between two felt layers. Dimensions: Ø 110 mm, height 476 mm. Width of the flange 150 mm. Contents: Underpressure ventilation pipe, FLOW-cowl.	Black	11	88*	Stock	732102	
	Grey	11	88*	Stock	732107	
	Light Grey	11	88*	Stock	732101	
VILPE® ALIPAI FLOW 160 UNDERPRESSURE AIR VENT						
Description: Underpressure ventilation pipe for ventilating roof structures of a low-pitched felt roof. Installed with hot bitumen between two felt layers. Dimensions: Ø 160 mm, height 509 mm. Width of the flange 150 mm. Contents: Underpressure ventilation pipe, FLOW-cowl.	Black	6	48*	Stock	730162	
VILPE® ALIPAI RIDGE FLOW 27						
Description: Underpressure air ridge vent for ventilating roof structures of a felt roof with pitch of 27 degrees. Dimensions: Height 477/396 mm. Contents: Underpressure air vent, FLOW- cowl.	Black (Ø110/477)	9	72*	Stock	732142	
	Black (Ø160/396)	4	32*	Stock	730182	
VILPE® ALIPAI RIDGE FLOW 14						
Description: Underpressure air ridge vent for ventilating roof structures of a felt roof with pitch of 14 degrees. Dimensions: Height 477 mm. Contents: Underpressure air vent, FLOW-cowl.	Black (Ø110)	5	20	Order	732132	
VILPE® ALIPAI FLOW LOW-PITCHED/INCLINED						
Description: Underpressure air vent for ventilating roof structures of a gently sloping felt roof (with pitch of 0–20 degrees). Dimensions: Height 665/668/1022 mm, stem height 200 mm. Contents: Felt Tall pass-through, underpressure air vent pipe, FLOW-cowl, screws.	Black (Ø110/665)	7	24	Stock	732172	
	Black (Ø160/668)	5	48*	Stock	730172	
	Black (Ø160/1022)	3	24*	Stock	730202	
VILPE® ALIPAI FLOW INCLINED						
Description: Underpressure air vent for ventilating roof structures of an inclined felt roof (with pitch of over 11.5 degrees). Dimensions: Height 699 mm. Contents: Felt pass-through, underpressure air vent pipe, FLOW-cowl.	Black (Ø110)	6	48*	Stock	732162	
VILPE® S-ADAPTER Ø110						
Description: For installing VILPE®E120S and ECo110S roof fans on uninsulated, Ø 110 mm Alipai pipes. Contents: Adapter.	Black	10	240	Stock	736922	
VILPE® PVC COLLAR for ALIPAI 110 UNDERPRESSURE AIR VENT						
Description: 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. Dimensions: Ø 110 mm. Contents: PVC collar, clamp.	Dark grey	10		Stock	730102	
	Light Grey	10		Stock	730103	
VILPE® ALIPAI 160 INSULATION						
Description: 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. Dimensions: Inner size Ø 130 mm. Contents: Insulation for 6 pc. Alipai underpressure ventilation vents (2 x 6 pc.).		6		Stock	730192	

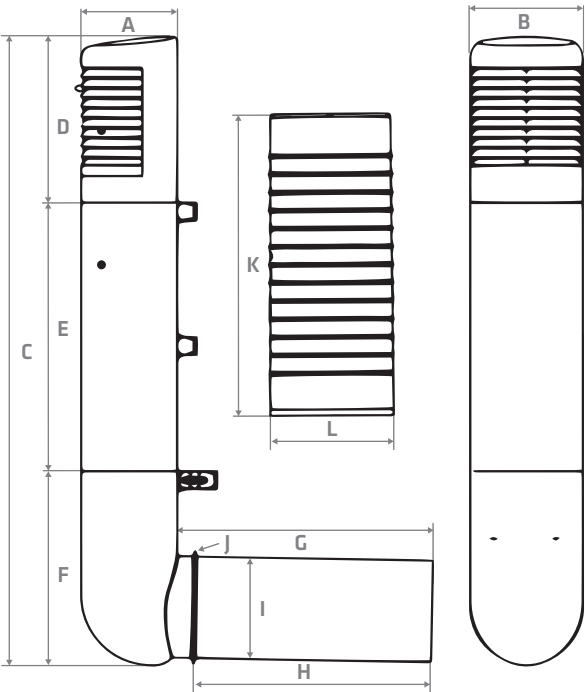
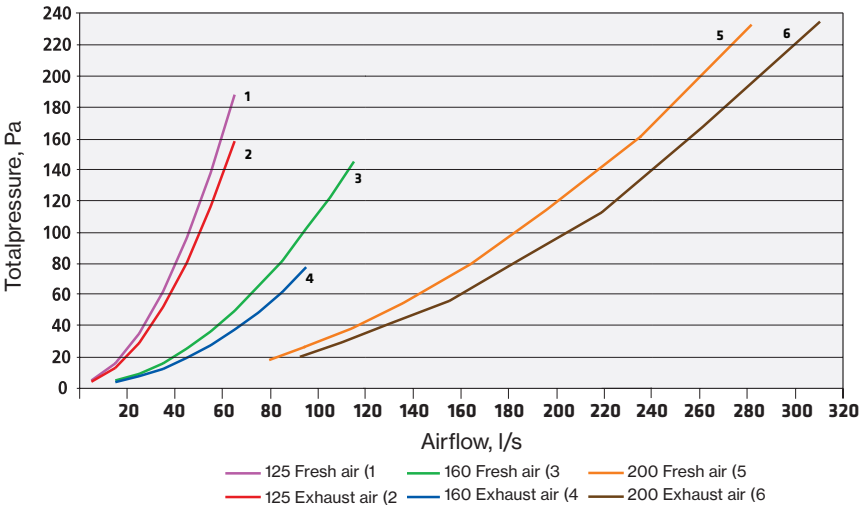
Ross ventilation poles

	Colour	Pcs/package	Pcs/pallet	Delivery	Product No.	
VILPE® ROSS VENTILATION POLE 125/135 Description: 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. Dimensions: Inner Ø of the angle pipe 125 mm, outer Ø 132 mm. Contents: 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	
VILPE® ROSS VENTILATION POLE 160/170 Description: 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. Dimensions: Inner Ø of the angle pipe 160 mm, outer Ø 168 mm. Contents: 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	
VILPE® ROSS VENTILATION POLE 200/210 Description: 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. Dimensions: Inner Ø of the angle pipe 200 mm, outer Ø 208 mm. Contents: 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	
VILPE® ROSS RENOVATION SET 125/110 Description: For improving the ventilation and updating the appearance of an old vertical pipe of the crawl space. Dimensions: 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	
VILPE® ROSS RENOVATION SET 160/160 Description: For improving the ventilation and updating the appearance of an old vertical pipe of the crawl space. Dimensions: Ø 160 mm. Contents: 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 9005		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

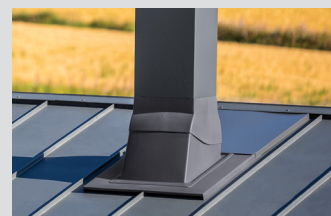
VILPE® Chimney pass-throughs for round chimneys

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.
VILPE® CHIMNEY PASS-THROUGH SET NO. 1 ROUND					
Description: 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. Contents: 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
VILPE® CHIMNEY PASS-THROUGH SET NO. 2 ROUND					
Description: 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. Contents: 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
VILPE® CHIMNEY PASS-THROUGH NO. 1 ROUND					
Description: 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. Contents: 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
VILPE® CHIMNEY PASS-THROUGH NO. 2 ROUND					
Description: 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. Contents: 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
VILPE® CHIMNEY UNDERLAY SEAL					
Description: 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. Contents: Two plastic parts, rubber seal and a butyl strip.	Black			Stock	73218
VILPE® FLASHING EXTENSION CHIMNEY NO. 1					
Description: Facilitates the installation of the chimney further from the ridge. Overlapping 10 cm, length 1100 mm. Dimensions: 650 x 1100 mm. Contents: 1 sheet, seals.	Black	1	19	Stock	742402
	Grey	1	19	Stock	742407
	Brick Red	1	19	Stock	742409
VILPE® FLASHING EXTENSION CHIMNEY NO. 2					
Description: Facilitates the installation of the chimney further from ridge. Overlapping 10 cm, length 1100 mm. Dimensions: 785 x 1100 mm. Contents: 1 sheet, seals.	Black	1	19	Stock	742412
	Grey	1	19	Stock	742417

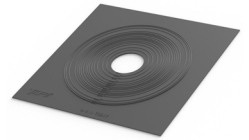
Chimney pass-throughs

Colour Pcs/pack Pcs/pallet Delivery Product No.

VILPE® VAPOUR STOP 100-380

Description: Vapour barrier seal for round chimney made from silicone rubber.
Contents: Vapour barrier seal.

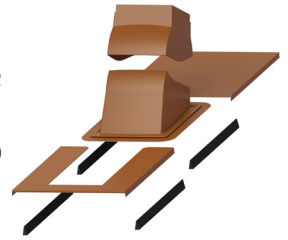
Black 1 Stock 73217



VILPE® ROOF PASS-THROUGH MODULAR CHIMNEY

Description: For modular chimneys with width of 320 - 370 mm and height from the roofing of 1106 - 1721 mm. For all roofing materials.
Contents: Pass-through, flashing set, installation manual, fixing screws.

Black 1 Stock 742502
 Grey 1 Stock 742507
 Brick Red 1 Stock 742509



VILPE® ROOF PASS-THROUGH MODULAR CHIMNEY FELT

Description: For modular chimneys with width of 320 - 370 mm and height from the roofing of 1106 - 1721 mm. For felt roofing.
Contents: Pass-through, installation manual, fixing screws.

Black 1 Stock 742532
 Grey 1 Stock 742537



VILPE® MODULAR CHIMNEY CASING

Description: For modular chimneys with width of 320 - 370 mm and height from the roofing of 1106 - 1721 mm. For felt roofing.
Contents: Pass-through, installation manual, fixing screws.

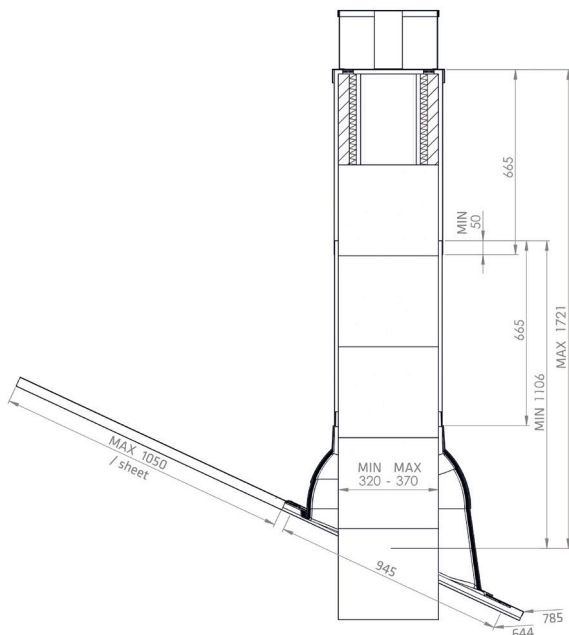
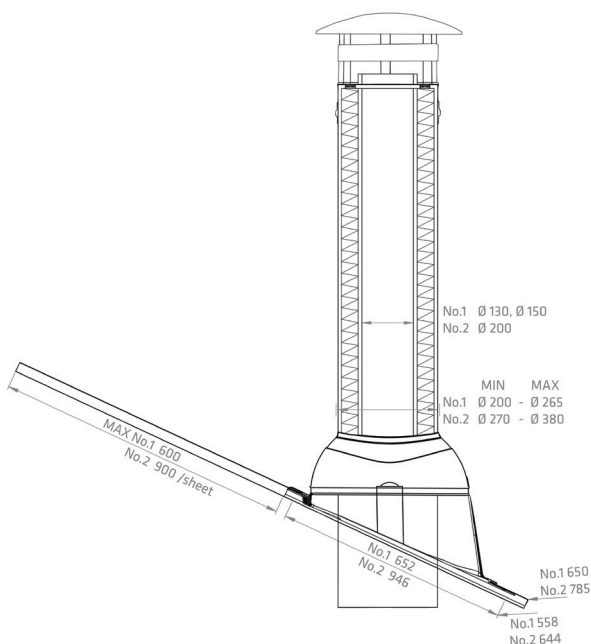
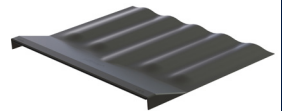
Black 1 Stock 742512
 Grey 1 Stock 742517
 Brick Red 1 Stock 742519



VILPE® TILE ADAPTER EPDM

Description: 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.
Contents: Tile adapter EPDM.

No. 1 1 120 Order 742522
 No. 2 1 120 Order 742524
 No. 2 (Bulk) 1 120 Stock 742525



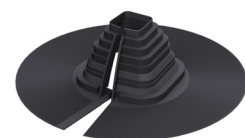
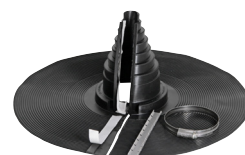
End caps

	Colour	Pcs/pack	Pcs/pallet	Delivery	Product No.
VILPE® STEEL END CAP 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
VILPE® TILE END CAP 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


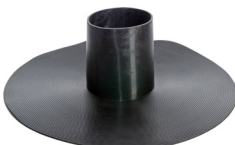
	Model	Pcs/pack	Pcs/pallet	Delivery	Product No.
VILPE® FELT ROOF SEAL Description: Roof pass-through seal for round pipes on felt roof. Made of EPDM rubber. Operating temperature -30...+90°C. The flange is installed with hot bitumen between two felt layers. Dimensions: Height 150 mm. The opening is cut 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
VILPE® CLAMP Description: Screw-on hot galvanized clamp for fixing the VILPE® Felt roof seal. Dimensions: Width 12 mm. Contents: Clamp.	NO-12 Ø 800/825/850/875	1	20	Stock	71080
	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
VILPE® R-FELT SET Description: For sealing roof pass-throughs for round pipes on felt roof while retrofitting. Contents: Seal, clamp.	Ø 830	150	150	Stock	711683
	Ø 19-90	1	84	Stock	70510
	Ø 110-170	1	48	Stock	70514
	Ø 160-250	1	24	Stock	70518
VILPE® RHS SEAL 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
VILPE® RHS-FELT RETROFIT 80-150 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
VILPE® RHS CLAMP Description: Hot-dip-galvanized clamp for fixing square VILPE® RHS Seal. The clamp is chosen according to the pipe size. Contents: Two-piece clamp.	60 X 60		1200*	Stock	71122
	70 X 70		1200*	Stock	71123
	80 X 80		1200*	Stock	71124
	90 X 90		1200*	Stock	71125
	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						
Description: Made of EPDM rubber. The seal has a moldable aluminium flange. Contents: 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						
Description: Made of EPDM rubber. The seal has a moldable aluminium flange. Contents: 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						
Description: Made of EPDM rubber. The seal has a moldable aluminium flange. Contents: 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.	
VILPE® VAPOUR BARRIER SEAL						
Description: For sealing the vapour barrier. Dimensions: Height 33 mm. Contents: 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	
VILPE® VAPOUR BARRIER SEAL, TALL						
Description: For sealing the vapour barrier. Dimensions: Height 133 mm. Contents: 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.	
VILPE® PVC ROOF SEAL						
Description: For sealing pass-throughs for round pipes on PVC roofing. Fastened by welding with hot air. Dimensions: Duct sizes Ø 12-100 mm and 110-160 mm. Contents: 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	



Acid-resistant stainless steel roof drains

VILPE's range of roof drains is complemented by metal roof drains. The new roof drains are made of acid-resistant steel (A4 / 316) and are designed to withstand even the most demanding climatic conditions. The roof drain flange is ready-primed to facilitate fastening. Roof drains are needed on flat roofs, where rain water is directed inwards on the roof and is discharged by the roof drains into a leader or downspout.

A wide range of accessories, including heating elements, plastic leaf gratings and condensation insulation is available for metal roof drains. The builder can always tailor the whole setup to the site. Accessories can be connected to roof drains at the factory during assembly, or the customer can assemble them themselves.

Roof drains offer flexibility, as metal roof drains can be cut to fit the dimensions of the area. Note: an exception is the C-90 200 roof drain, which is installed as-is on renovation sites.

With the new products, customers will have even more choice, as VILPE's range now includes roof drains made of both metal and polypropylene. Roof drains are completely waterproof. Cleaning of the drains is simple, as the leaf grating is easy to remove.

Metal roof drains are suitable for all gently sloping roofs. The products can also replace old roof drains, making them an excellent choice for renovation sites.

Model A roof drains have a drain bowl. They are suitable for sites where water volume dimensioning requires greater flow through the roof drain, as model A roof drains have a larger filter than model C roof drains of a similar size. There is no drain bowl in model C roof drains.

The pipe sizes of the roof drains are 75, 110 or 160 mm, and different lengths are available for them, starting from 350 mm.

Roof drains have been designed and tested in accordance with the SFS EN 1253-2 standard. The tests include mechanical stress on grating and drain, overpressure with water, underpressure with air, and flow rate measurements with and without a grating.

Measured flow values

Model	Without a grating (l/s)	With a grating (l/s)
C-75	2,2	1,8
C-110	5,3	4,8
C-160	8,2	7,8
A-75	5,7	4,5
A-110	6,1	5,7
A-160	8,2	7,9

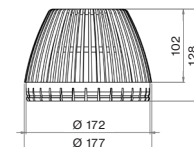
Plastic Gratings

PLASTIC LEAF GRATING FOR MODEL A ROOF DRAIN

Applications: Prevents leaves and debris from entering the roof drain. Compatible with 75–160-mm model A roof drain
Contents: Plastic leaf grating

Model **Product No.**

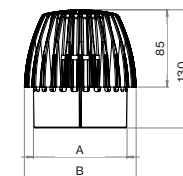
A 75–160 392209



PLASTIC LEAF GRATING FOR MODEL C ROOF DRAIN

Applications: Prevents leaves and debris from entering the roof drain. Compatible with model C roof drains.
Contents: Plastic leaf grating

C-75 392205
C-90 392206
C-110 392207
C-160 392208



	A	B
C-75	68	88
C-90	83	103
C-110	103	123
C-160	154	174

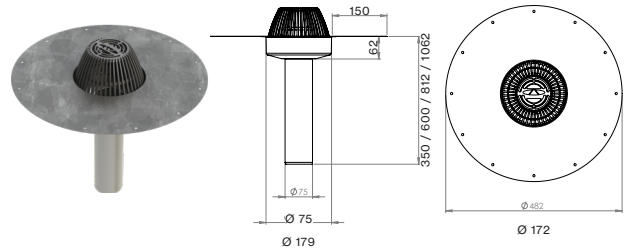
Roof drain, Model A

Lenght Product No.

ACID-RESISTANT STEEL ROOF DRAIN, MODEL A Ø 75

Applications: A roof drain with primed flanging for gently sloping roofs. Model A roof drains have a collecting basin. Model A leaf grating is included.
Contents: Roof drain, plastic grating.

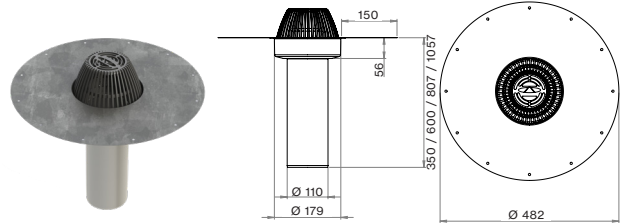
350 mm	390001
600 mm	390002
750 mm	390003
1000 mm	390004



ACID-RESISTANT STEEL ROOF DRAIN, MODEL A Ø 110

Applications: A roof drain with primed flanging for gently sloping roofs. Model A roof drains have a collecting basin. Model A leaf grating is included.
Contents: Roof drain, plastic grating.

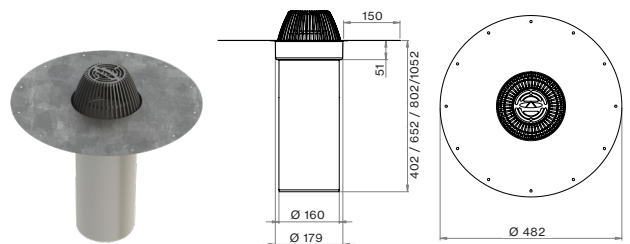
350 mm	390021
600 mm	390022
750 mm	390023
1000 mm	390024



ACID-RESISTANT STEEL ROOF DRAIN, MODEL A Ø 160

Applications: A roof drain with primed flanging for gently sloping roofs. Model A roof drains have a collecting basin. Model A leaf grating is included.
Contents: Roof drain, plastic grating.

350 mm	390031
600 mm	390032
750 mm	390033
1000 mm	390034



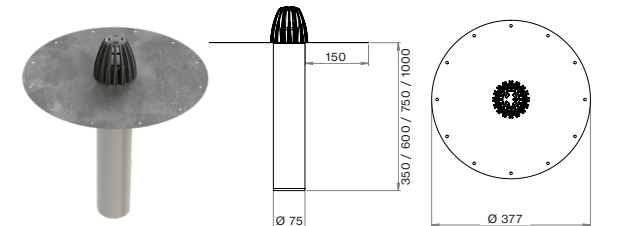
Roof drain, Model C

Lenght Product No.

ACID-RESISTANT STEEL ROOF DRAIN, MODEL C Ø 75

Applications: A roof drain with primed flanging for gently sloping roofs. Model C leaf grating is included.
Contents: Roof drain, plastic leaf grating.

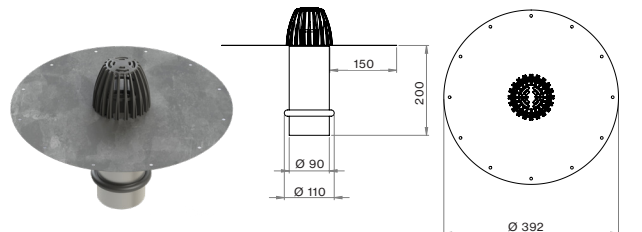
350 mm	391001
600 mm	391002
750 mm	391003
1000 mm	391004



ACID-RESISTANT STEEL ROOF DRAIN, MODEL C Ø 90

Applications: A roof drain with primed flanging for gently sloping roofs. Model C leaf grating is included.
Contents: Roof drain, plastic leaf grating.

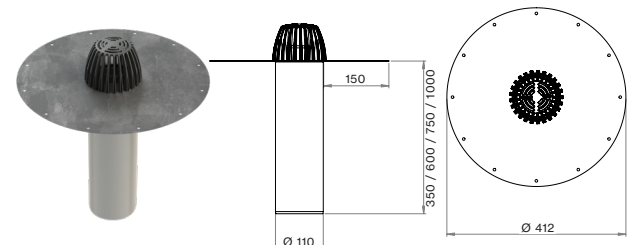
200 mm	391011
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ACID-RESISTANT STEEL ROOF DRAIN, MODEL C Ø 110

Applications: A roof drain with primed flanging for gently sloping roofs. Model C leaf grating is included.
Contents: Roof drain, plastic leaf grating.

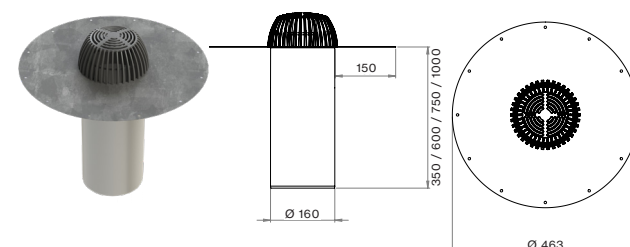
350 mm	391021
600 mm	391022
750 mm	391023
1000 mm	391024



ACID-RESISTANT STEEL ROOF DRAIN, MODEL C Ø 160

Applications: A roof drain with primed flanging for gently sloping roofs. Model C leaf grating is included.
Contents: Roof drain, plastic leaf grating.

350 mm	391031
600 mm	391032
750 mm	391033
1000 mm	391034



Accessories

HEATING ELEMENT FOR ROOF DRAIN

Applications: A self-adjusting heating element to prevent roof drains from freezing.
Contents: Heating element, 1,5 m connection cable and protective cup.

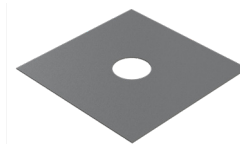
Model	Product No.
75 14W	392000
110 14W	392002
160 14W	392003
75 16W	392010
110 16W	392011
160 16W	392012
160 32W	392004



BITUMEN FLANGE FOR ROOF DRAIN

Applications: A factory-installed bitumen flange speeds up installation on bitumen sheet covering and ensures waterproof fastening of the drain.
Dimensions: 500x500 mm
Contents: Bitumen flange

75-90	392210
110	392211
C-160/A-75-160	392212



CUT TO SPECIFIC LENGTH

396000

CONDENSATION INSULATION FOR MODEL A ROOF DRAIN

Applications: Prevents condensation in roof drains. The insulation material is installed outside the pipe and around the collecting basin.
Dimensions: Insulation thickness 13 mm.
Contents: Condensation insulation.

Model	Product No.
A-75 350	395001
A-75 600	395002
A-75 750	395003
A-75 1000	395004
A-110 350	395021
A-110 600	395022
A-110 750	395023
A-110 1000	395024
A-160 350	395031
A-160 600	395032
A-160 750	395033
A-160 1000	395034

CONDENSATION INSULATION FOR MODEL C ROOF DRAIN

Applications: Prevents condensation in roof drains. The insulation material is installed outside the pipe.
Dimensions: Insulation thickness 13 mm.
Contents: Condensation insulation.

Model	Product No.
C-75 350	395101
C-75 600	395102
C-75 750	395103
C-75 1000	395104
C-110 350	395121
C-110 600	395122
C-110 750	395123
C-110 1000	395124
C-160 350	395131
C-160 600	395132
C-160 750	395133
C-160 1000	395134



Roof drains

VILPE® AM ROOF OUTLET BITUMEN

Description: 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.
Contents: Outlet, leaf grating, sealing compound.

Model	Pcs/pack	Pcs/pallet	Delivery	Product No.
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



VILPE® AM ROOF OUTLET PROTAN DARK GREY

Description: For Protan roofing.
Contents: 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










VILPE® AM ROOF OUTLET PROTAN LIGHT GREY

Description: For Protan roofing.
Contents: Outlet, leaf grating, sealing compound.



Ø 110 mm	8	32	Order	72052
Ø 160 mm	6	48*	Order	72053






Roof drains

	Model	Pcs/pack	Pcs/pallet	Delivery	Product No.	
VILPE® AM ROOF OUTLET ALKORPLAN LIGHT GREY Description: For Alkorplan roofing. Contents: Outlet, leaf grating, sealing compound.	Ø 110 mm	8	64*	Stock	72044	
	Ø 110/630 mm	5	35	Order	72045	
VILPE® AM THERMOCABLE 230V / 14W Description: For heating of AM roof outlet. Contents: Thermocable.	AM-outlets Ø 50/75/90/110			Order	72000	
	AM-outlets Ø 160			Order	72001	
VILPE® AM LEAF GRATING Description: Prevents leaves and other debris from entering the roof outlet. Contents: Leaf grating.				Order	72130	
VILPE® AM SYMPHONIC GRATING Description: Prevents leaves and other debris from entering the roof outlet. Contents: Symphonic grating.		100	400	Order	72140	
VILPE® CM ROOF OUTLET Description: For bitumen felt roofing. The 150 mm wide flange is installed between two felt layers. Contents: Outlet, leaf grating.	Ø 75 mm	18	72	Stock	72407	
	Ø 110 mm	20	80	Stock	72411	
VILPE® LEAF GRATING BALL Description: Prevents leaves and other trash from entering the roof outlet. Suitable for 75 - 125 mm roof outlets. Contents: Leaf grating.				Stock	72424	
VILPE® CM LEAF GRATING Description: Prevents leaves and other debris from entering the roof outlet. Contents: Leaf grating.		50	400	Order	72420	
				Order	72422	



Fasteners

	Model	Pcs/pack	Pcs/pallet	Delivery	Product No.	
VILPE® ADJUSTABLE INSULATION ANCHOR NEW Description: Suitable for fastening 100 to 300 mm insulations to wooden and concrete walls. Also suitable for attaching insulation to ceilings. Dimensions: 100, 140, 180, 220 and 260 mm. Each length can be adjusted by 40 mm. Contents: Adjustable Insulation Anchor.	100 mm	250	24000	Stock	222100	
	140 mm	250	24000	Stock	222140	
	180 mm	250	18000	Stock	222180	
	220 mm	250	18000	Stock	222220	
	260 mm	250	18000	Stock	222260	
VILPE® ADJUSTABLE INS.ANCHOR WASHER NEW Description: Washer for adjustable insulation anchor. Ø 80 mm washer is used with hard insulation materials and 100 mm washer with soft insulation materials. Dimensions: Ø 80 or 100 mm Contents: Washer.	80 mm	250	21000	Stock	222010	
	100 mm	250	28000	Stock	222008	
ADJUSTABLE INSULATION ANCHOR TOOLS NEW	200-BIT T25 7MM	100	1200	Stock	910181	
	300-BIT T25 7MM	100	1200	Stock	910182	


Fasteners

	Model	Pcs/pack	Pcs/pallet	Delivery	Product No.	
VILPE® NV DISTANCE PIECE Description: 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. Contents: NV distance piece.	NV-30	200	22400*	Stock	21335	
	NV-40	200	16800*	Order	21345	
	NV-45	200	16800*	Order	21346	
	NV-50	200	16800*	Stock	21360	
	NV-70	200	15000*	Stock	21270	
VILPE® WASHER Description: 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. Contents: 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	
VILPE® KFR 4.2 SCREW Description: Corrosion protected screw for washers. Contents: 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.	
VILPE® POWER A (SQUARE BODY) Description: 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. Dimensions: Flange Ø 50 mm, spiral size Ø 28 mm. Contents: 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	
VILPE® POWER A ADJUSTABLE (ROUND BODY) Description: 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. Adjustable Power A fasteners have 50 mm adjustment margin in the length. Made of strong polyamide (nylon), the basic colour is black. Dimensions: Flange Ø 50 mm, spiral size Ø 28 mm. Contents: Power A adjustable fastener	250, 180-230 mm	100	4800	Stock	28250	
	300, 230-280 mm	100	3600	Stock	28300	
	350, 280-330 mm	100	3600	Stock	28350	

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 A and Croco B

	Model	Pcs/pack	Pcs/pallet	Delivery	Product No.	
VILPE® CROCO A						
Description: For fastening single ply membrane roof covering when the fix-layer is sheet metal, concrete or 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.	CROCO A-20	500	56000*	Order	02020	
	CROCO A-50	500	18000*	Order	02050	
	CROCO A-80	500	28000*	Order	02080	
	CROCO A-100	500	18000*	Stock	02100	
	CROCO A-110	500	18000*	Order	02110	
	CROCO A-120	500	14000*	Stock	02120	
	CROCO A-140	500	14000*	Order	02140	
	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 B fastener. The head of the screw is of the model Torx 25 (TX25). The screw can be adjusted. Dimensions: Socket: 125/80 mm, Ø 7 mm. Screw: 6.3 x 150/95 TX25. Contents: Socket, screw.	150 mm	250	21000	Stock	02703	
	95 mm	250	27000	Stock	02704	

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.

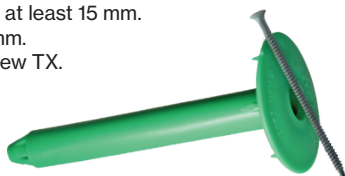


VILPE® KLA-ROOF SCREW NO-1 TX

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.



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.
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-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

Model	Length	Delivery	Product No.
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		Stock	90270
K-DRILL EXTENSION-400 SDS	400	Stock	90274
K-DRILL EXTENSION-800	800	Stock	90277
5X150/210 SDS+DRILL		Stock	9515206
BLOW STIK-600 SDS+	600 ¹⁾	Stock	90238
BLOW STIK-800 SDS+	800 ²⁾	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

¹⁾using length 400 mm

²⁾using length 600 mm

Selection table for Croco A/B

Compression flex should be increased under roof walkways, when installing on soft insulation and in areas where high loads are expected.

* No fastener elasticity

Insulation (mm)	Croco A + KLA Concrete nail		Croco B + KLA Concrete nail		Croco A + KLA Drill point screw		Croco B + KLA Drill point screw		Croco A + Concrete screw		Croco B + Concrete screw		Croco + Adjustable screw 95mm		Croco + Adjustable screw 150mm	
	Croco A	Nail	Croco B	Nail	Croco A	Screw	Croco B	Screw	Croco A	Screw	Croco B	Screw	Croco A	Croco B	Croco A	Croco B
20*	20	45	20	45	20	40	20	40	20	35	20	35				
30	20	55	20	55	20	50	20	50	20	50	20	50				
40	20	65	20	65	20	70	20	70	20	60	20	60				
50*	50	45	50	45	50	40	50	40	50	35	50	35				
60	50	55	50	55	50	50	50	50	50	50	50	50				
70	50	65	50	65	50	70	50	70	50	60	50	60				
80	50	75	50	75	50	70	50	70	50	70	50	70				
90	80	55	80	55	80	50	80	50	80	50	80	50				
100	80	65	80	65	80	70	80	70	80	60	80	60				
110	100	55	100	55	100	50	100	50	100	50	100	50	100	100		
120	100	65	100	65	100	70	100	70	100	60	100	60	100	100		
130	120	55	120	55	120	50	120	50	120	50	120	50	100/120	100/120		
140	120	65	120	65	120	70	120	70	120	60	120	60	100/120	100/120		
150	20	75	20	75	120	70	120	70	120	70	120	70	120	120		
160	140	65	140	65	140	70	140	70	140	60	140	60	120/140	120/140		
170	150	65	150	65	150	70	150	70	150	60	150	60	140/150	140/150	150	150
180	150	75	150	75	150	70	150	70	150	70	150	70	140/150	140/150	150	150
190	170	65	170	65	170	70	170	70	170	60	170	60	150/170	150/170	150	150
200	170	75	170	75	170	70	170	70	170	70	170	70	170	170	150	150
210	170	85	170	85	170	90	170	90	170	80	170	80	170	170	150	150
220	200	65	200	65	200	70	200	70	200	60	200	60	200	200	150/200	150/200
230	200	75	200	75	200	70	200	70	200	70	200	70	200	200	150/200	150/200
240	200	85	200	85	200	90	200	90	200	80	200	80	200	200	150/200	150/200
250	230	65	230	65	230	70	230	70	230	60	230	60	230	230	150/200	150/200
260	230	75	230	75	230	70	230	70	230	70	230	70	230	230	200	200
270	230	85	230	85	230	90	230	90	230	80	230	80	230	230	200	200
280	250	75	250	75	250	70	250	70	250	70	250	70	250	250	200/250	200/250
290	250	85	260	75	250	90	260	70	250	80	260	70	250	250	200/250	200/250
300	250	95	260	85	250	90	260	90	250	90	260	80			200/250	200/250
310	250	105	260	95	250	110	260	90	250	100	260	90	300	300	250	250
320	250	115	290	75	250	110	290	70	250	110	260	100	300	300	250	250
330	300	75	300	75	300	70	300	70	300	70	300	70	300	300	250/300	250/300
340	300	85	300	85	300	90	300	90	300	80	300	80	300	300	250/300	250/300
350	300	95	300	95	300	90	300	90	300	90	300	90			250/300	250/300
360	300	105	300	105	300	110	300	110	300	100	300	100			300	300
370	300	115	300	115	300	110	300	110	300	110	300	110			300	300
380	350	75	350	75	350	70	350	70	350	70	350	70	350	350	300/350	300/350
390	350	85	350	85	350	90	350	90	350	80	350	80	350	350	300/350	300/350
400	350	95	350	95	350	90	350	90	350	90	350	90			300/350	300/350
410	350	105	350	105	350	110	350	110	350	100	350	100			350	350
420	350	115	350	115	350	110	350	110	350	110	350	110			350	350
430	350	125	350	125	350	130	350	130	350	120	350	120	400	400	350/400	350/400
440	400	85	400	85	400	90	400	90	400	80	400	80	400	400	350/400	350/400
450	400	95	400	95	400	90	400	90	400	90	400	90			350/400	350/400
460	400	105	400	105	400	110	400	110	400	100	400	100			400	400
470	400	115	400	115	400	110	400	110	400	110	400	110			400	400
480	400	125	400	125	400	130	400	130	400	120	400	120	450	450	400/450	400/450
490	450	85	450	85	450	90	450	90	450	80	450	80	450	450	400/450	400/450
500	450	95	450	95	450	90	450	90	450	90	450	90			400/450	400/450
510	450	105	450	105	450	110	450	110	450	100	450	100			450	450
520	450	115	450	115	450	110	450	110	450	110	450	110			450	450
530	450	125	450	125	450	130	450	130	450	120	450	120	500	500	450/500	450/500
540	450	135	450	135	450	130	450	130	450	130	450	130	500	500	450/500	450/500
550	500	95	500	95	500	90	500	90	500	90	500	90			450/500	450/500
560	500	105	500	105	500	110	500	110	500	100	500	100			500	500
570	500	115	500	115	500	110	500	110	500	110	500	110			500	500
580	500	125	500	125	500	130	500	130	500	120	500	120	550	550	500/550	500/550
590	500	135	500	135	500	130	500	130	500	130	500	130	550	550	500/550	500/550
600	550	95	550	95	550	90	550	90	550	90	550	90			500/550	500/550
610	550	105	550	105	550	110	550	110	550	100	550	100			550	550
620	550	115	550	115	550	110	550	110	550	110	550	110			550	550
630	550	125	550	125	550	130	550	130	550	120	550	120	600	600	550/600	550/600
640	550	135	550	135	550	130	550	130	550	130	550	130	600	600	550/600	550/600
650	600	95	600	95	600	90	600	90	600	90	600	90			550/600	550/600
660	600	105	600	105	600	110	600	110	600	100	600	100			600	600
670	600	115	600	115	600	110	600	110	600	110	600	110			600	600
680	600	125	600	125	600	130	600	130	600	120	600	120	650	650	600/650	600
690	600	135	600	135	600	130	600	130	600	130	600	130	650	650	600/650	600
700	650	95	600	145	650	90	600	150	650	90					600/650	600
710	650	105	600	155	650	110	600	150	650	100					650	
720	650	115			650	110			650	110					650	
730	650	115			650	130			650	120			700		650/700	
740	650	135			650	130			650	130			700		650/700	
750	700	95			700	90			700	90					650/700	
760	700	105			700	110			700	100					700	
770	700	115			700	110			700	110					700	
780	700	125			700	130			700	120					700	
790	700	135			700	130			700	130					700	
800	700	145			700	150									700	
810	700	155			700	150										



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.



Innovation was the start of our family business

The story of our company started with a single innovation. During the summer of 1973, Eero Saikkonen – then a student at Vaasa Technical Institute – started looking for a solution to a practical building problem.

He had noticed that roofing felt and insulation, which at the time were glued together with bitumen, did not stay in place, and the heads of screws often penetrated and damaged the felt layer. To solve this problem, he developed a new type of fastener that would adjust to the weight which was applied to it: this innovation was the start of our company.

Since that day, we have been at the cutting edge of product development, and have continued to challenge the building industry with new innovations. Many of these innovations, such as exhaust ventilation pipes, roof fans and ventilation poles have become a part of everyday building practice since we introduced them to the market.

Did you know?

- Our social action efforts go beyond monetary donations: we encourage our employees to spend one working day a year doing charity work.
- The charity work supports our local communities. For example, our employees have delivered food donations to less fortunate families and helped the local charity organisation Hope to sort clothing donations.
- We have made a conscious decision to consider issues of gender equality when forming sponsorship deals.

VILPE products have 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 standard the ISO 14001:2015 environmental standard. These standards cover product development, manufacturing and sales of VILPE products.



VILPE/9-2023

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VILPE®
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