HELTY®

Pure air for your home

Made in Italy

MVHR systems and indoor comfort

Home range

March 2026

Healthy breathing in every room

A healthy lifestyle is inextricably linked to the air we breathe.
Air is the first and most important nutrient for all forms of life.
On average, a person breathes more than 12,000 litres of air a day.

Choosing to breathe air that is healthy because it is constantly exchanged and purified is essential

Helty is committed to improving air quality everywhere you live and work. Our mission is **to bring healthy breathing everywhere – in homes, offices, classrooms and public places.**

We do this by offering a range of innovative **heat recovery ventilation** solutions for system designers and installers systems. Our decentralised dual-flow systems are stylish, easy to install, energy-efficient and have proven pollutant-reducing effectiveness.

To make the indoor places where we spend most of our time healthier, more pleasant and comfortable.

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Who is Helty

Decentralised MVHR to put health and energy efficiency at the core

Helty is the Alpac Group company specialising in **decentralised solutions for heat recovery ventilation and indoor comfort.** We work alongside heating engineers, system designers and installers, energy consultants, building health experts and construction companies to **spread the culture of healthy air in living and working environments**.
We deal exclusively in **decentralised heat recovery ventilation (MVHR) systems** with high air filtration and heat recovery efficiency. This **technology is indispensable in** energy-efficient **buildings** and necessary for energy upgrades to **prevent building illnesses, increase the value of the building and safeguard people's comfort and health.**
The **MVHR solutions are developed and manufactured by Helty entirely in Italy**. They are exclusively of the **continuous dual-flow** type for exchanging the air in rooms constantly in a balanced manner and with variable flow rates. The air is purified by removing pollutants, pollen and particulates.

Certifications and partnerships

Energy efficiency is improved, in addition to comfort, in homes that implement Helty ventilation. The heat recovery units in Helty MVHR units ensure heat recovery efficiency of up to 91% and are tested in accordance with EN 13141-8 by an external laboratory accredited by TÜV SÜD. The performance of Helty ventilation systems is certified by the **CasaClima MVHR Quality Seal and validated by BioSafe.** Helty is a member of **AiCARR** and **CTI** (Comitato Termotecnico Italiano).

Red Dot Award

The new restyling of **FlowPLUS** has won the Red Dot Award: Product Design 2026, one of the most prestigious international recognitions in the field of design.

reddot winner 2026

ALPAC®

The Alpac Group: better buildings for a better world

For over 40 years, the Alpac Group has been **supporting construction professionals in the creation of energy-efficient, more sustainable and** thermally and acoustically **comfortable buildings** by designing and manufacturing window management and insulation systems, as well as decentralised technologies for indoor air exchange and filtration.
In the world of design and construction, the Alpac Group is the by-word for **quality, research and development,** with a focus on **efficiency** and **health**.

In addition to **Helty** and **Alpac**, leading players in window insulation systems for new builds and renovation projects, the industrial group now includes **Incovar**, based in Puglia, Italy, specialising in the production of roller shutter boxes and monoblock systems, **Alpac Tecnologica Europea**, operating in Spain with solutions for window opening insulation and **Alpac France**, a commercial subsidiary operating in the French market. The technologies offered by the companies of the Group are **used in many construction projects across Italy and Europe, ranging from minor retrofits to large-scale building sites.**
The Alpac Group received the **Best Managed Companies Award** for the period 2019–2025 promoted by Deloitte to support and recognise Italian business excellence for its ability to support organisational growth through initiatives focused on **continuous innovation, personal development, environmental commitment** and process digitalisation.

Case history

126 Martini

Roma, CAM Costruzioni
Renovation of a building with new designer residences in the heart of the EUR district, in Rome.

Former Collegio Nardari

Treviso, Archi-Plan Studio, renovation and energy upgrades of an early 20th century building in the city centre

Balduina 142

Roma, RDP Costruzioni, Studio Marzullo, Socip, Class A building

Mezzocammino residential building

Rome, Studio Transit,
Atlantico Costruzioni

Progetto Sinfonia

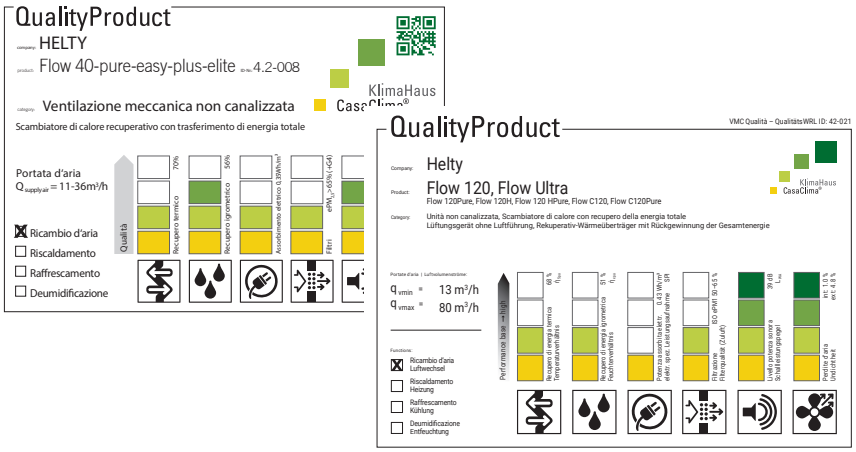
Bolzano

CasaClima Quality Seal

Quality assurance for customers and designers

The Helty FlowULTRA and Flow40/120 ventilation systems have been awarded the Product Quality label by the **Bolzano CasaClima Agency**.

The CasaClima product Quality Seal provides **transparent evaluation and informs buyers and designers about the best solutions on the market**. The seal is a reliable and recognised certification in the construction sector, granted only to products that meet the highest quality standards.



More specifically, the **CasaClima MVHR Quality Seal** takes into account the five main characteristics of a ventilation system referred to in **UNI EN 13141-8 standards** – heat and moisture recovery, electricity consumption, filtration, acoustics and air leakage – and assigns a performance level value to each one.

The product description, values and any additional device features of the unit are illustrated on a summary label to guide users in choosing the best solution for their needs.

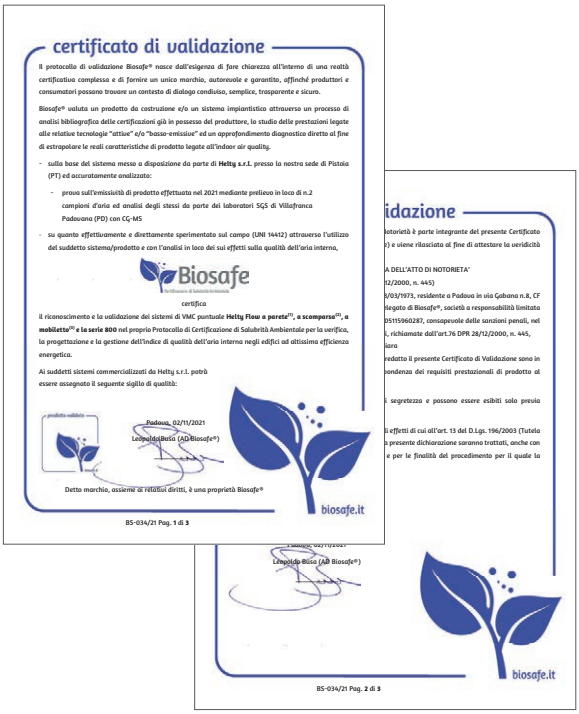
BioSafe Validation

For protecting health and air quality

Helty Flow systems have passed the test protocol, fully complying with the **BioSafe® Environmental Health Certification Protocol** for verifying, planning and managing the indoor air quality index in energy-efficient buildings.

Through a **patented certification protocol,** Biosafe has subjected Helty Flow MVHR solutions to in-depth analysis according to the strictest emission quality standards. The examination was carried out on two levels by **sampling and testing air samples** with CG-MS (pursuant to UNI EN ISO 16000-9 and UNI ISO 16000-6) and through **environmental surveys** (pursuant to ISO 16000-4 and UNI EN ISO 16017-2 with reference to UNI EN 14412 requirements), with product field testing followed by on-site analysis of the effects on indoor air quality.

The Biosafe® Validation Seal is an additional guarantee of **living comfort** in terms of design and indoor comfort once the installation is complete. Biosafe® certification aligns with the health and safety requirements set by the **CAM**, which are relevant for public procurement contracts.


certificato di validazione

Il protocollo di validazione Biosafe® nasce dall'esigenza di fare chiarezza all'interno di una realtà certificativa complessa e di fornire un unico marchio, autorevole e garantito, affinché produttori e consumatori possano trovare un contesto di dialogo condiviso, semplice, trasparente e sicuro.

Biosafe® valuta un prodotto da costruzione e/o un sistema impiantistico attraverso un processo di analisi bibliografica delle certificazioni già in possesso del produttore, lo studio delle prestazioni legate alle relative tecnologie "attive" e/o "basso-emissive" ed un approfondimento diagnostico diretto al fine di estrapolare le reali caratteristiche di prodotto legate all'indoor air quality.

- sulla base del sistema messo a disposizione da parte di **Helty** s.r.l. presso la nostra sede di Pistoia (PT) ed accuratamente analizzato:
  - prova sull'emissività di prodotto effettuata nel 2021 mediante prelievo in loco di n.2 campioni d'aria ed analisi degli stessi da parte dei laboratori SGS di Villafranca Padovana (PD) con CG-MS
- su quanto effettivamente e direttamente sperimentato sul campo (UNI 14412) attraverso l'utilizzo del suddetto sistema/prodotto e con l'analisi in loco dei sui effetti sulla qualità dell'aria interna,

Biosafe

certifica

il riconoscimento e la validazione dei sistemi di VMC puntuale **Helty Flow a parete**[1], **a scomparsa**[2], **a mobiletto**[3] **e la serie 800** nel proprio Protocollo di Certificazione di Salubrità Ambientale per la verifica, la progettazione e la gestione dell'indice di qualità dell'aria interna negli edifici ad altissima efficienza energetica.

Ai suddetti sistemi commercializzati da Helty s.r.l. potrà essere assegnato il seguente sigillo di qualità:

Padova, 02/11/2021

Leopoldo Busa (AD Biosafe®)

Detto marchio, assieme ai relativi diritti, è una proprietà Biosafe®

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BS-034/21 Pag. 1 di 3

idazione

Leopoldo Busa (AD Biosafe®)

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ErP Directive Compliance

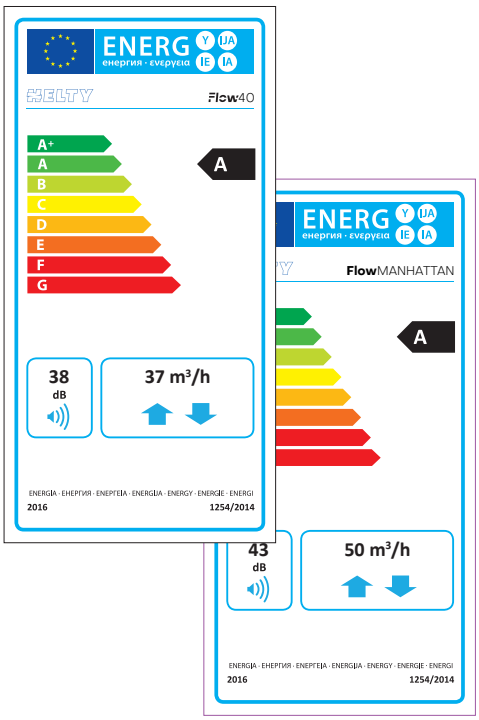
Eco-design and energy labelling

All Helty mechanical ventilation systems fully comply with the energy requirements of the European ErP (Energy Related Products) directive, created to improve the efficiency of devices marketed in the European Union while protecting the environment.

The EU directive has two areas of impact on ventilation systems:

// **Ecodesign Directive 2009/125/EC** imposes minimum energy performance values to be achieved by household appliances.
The Ecodesign regulation on ventilation systems (No. 1253/2014) sets out the energy performance requirements for products launched from 1 January 2016. These requirements were consolidated on 1 January 2018.

// **Regolamento (UE) 2017/1369 Energy Labelling** imposes the energy class assessment of the device (A to G) to promote the purchase of more efficient products.



Indoor air quality

What do we breathe?

Every day **we spend around 90% of our time indoors,** mainly at home and in the workplace.
Confined environments have a limited amount of air, which we consume with every breath.
A person takes an average of **22,000 breaths per day,** passing about **12,000 litres of air** through their lungs.

Indoor air is up to 20 times more polluted

It is important for our health to breathe clean air, rich in oxygen and free of the pollutants that inevitably accumulate and concentrate in closed, unventilated rooms.
As confirmed by multiple studies, **indoor air can be 5 to 20 times more polluted than outdoor air.** Without adequate ventilation, indoor air tends to deteriorate, becoming saturated with harmful substances that can be very dangerous to health.
Harmful elements can include **ultra-fine dust, fumes, combustion gases, formaldehyde, volatile organic compounds** released by chemical cleaners, glues and furnishing materials.
Furthermore, there are pollutants of biological origin – microorganisms, such as **allergens, moulds, bacteria,** aerosol-borne viruses – and of physical origin, such as the dreaded **radon gas.**

Main pollutants and their impacts on health

Particulates

causes eye, nose and throat irritation and breathing problems, headaches, fatigue and low concentration. Prolonged contact can lead to heart and respiratory diseases.

Viruses

viruses can be emitted simply by coughing or breathing and linger in the air in the form of bioaerosols for some time

Moulds

release health-damaging spores that cause allergies

Humidity

causes condensation, mould and dust mite proliferation

VOC

airborne substances, including formaldehyde, which may create respiratory tract irritation or central nervous system problems

Radon

is an odourless and colourless radioactive gas of natural origin released from the soil. It qualifies as the second leading cause of risk for lung cancer

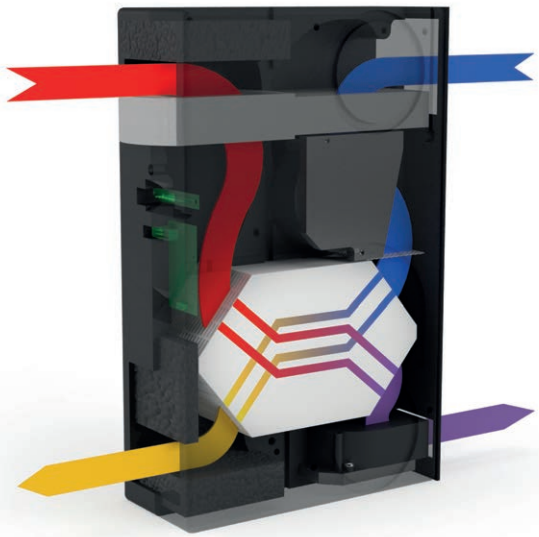
CO_2

in excessive concentrations, such as when feeling the sensation of stale air, causes headaches and difficulty in concentration

How does it work?

Helty Flow: continuous air exchange and filtration

All Helty ventilation units are **decentralised dual-flow MVHRs** with cross-flow countercurrent. **The stale air, laden with humidity and CO_2, is aspirated in from the indoor environment** and fed into the heat exchanger, where – without any contact between the two flows – it surrenders its heat to the incoming airflow, which is brought in from outside at the same time.
The oxygen-rich fresh air is pre-heated and purified by a high-performance filter that blocks smog, particulate matter and pollen.
This technology allows a **constant and balanced air exchange** in closed rooms for **superior performance** in terms of energy efficiency, air purification and indoor comfort.



exhaust air aspirated from inside
stale air expelled outside
external fresh air
filtered and pre-heated replenished air

PM10 PM2.5 *Purified air*

Healthiness and energy-saving for all climate zones

Energy efficiency is ensured **by the heat recovery unit,** available for the first time **in two versions – sensible and enthalpy – to meet any climate requirements,** with heat recovery efficiency of up to 91% (in the enthalpy version).
The **ePM2.5 65% (F7) filter** prevents the ingress of dust and pollen, but also of **PM10** and **PM2.5** particulate matter, to protect the healthiness of the air you breathe in your home. Quiet operation and verified **façade noise reduction values contribute to** optimal acoustic comfort.

Benefits of MVHR

it guarantees ensures fresh, oxygen-rich air

it counteracts the airborne spread of viruses and bacteria

it filters particulates and pollen from the external air

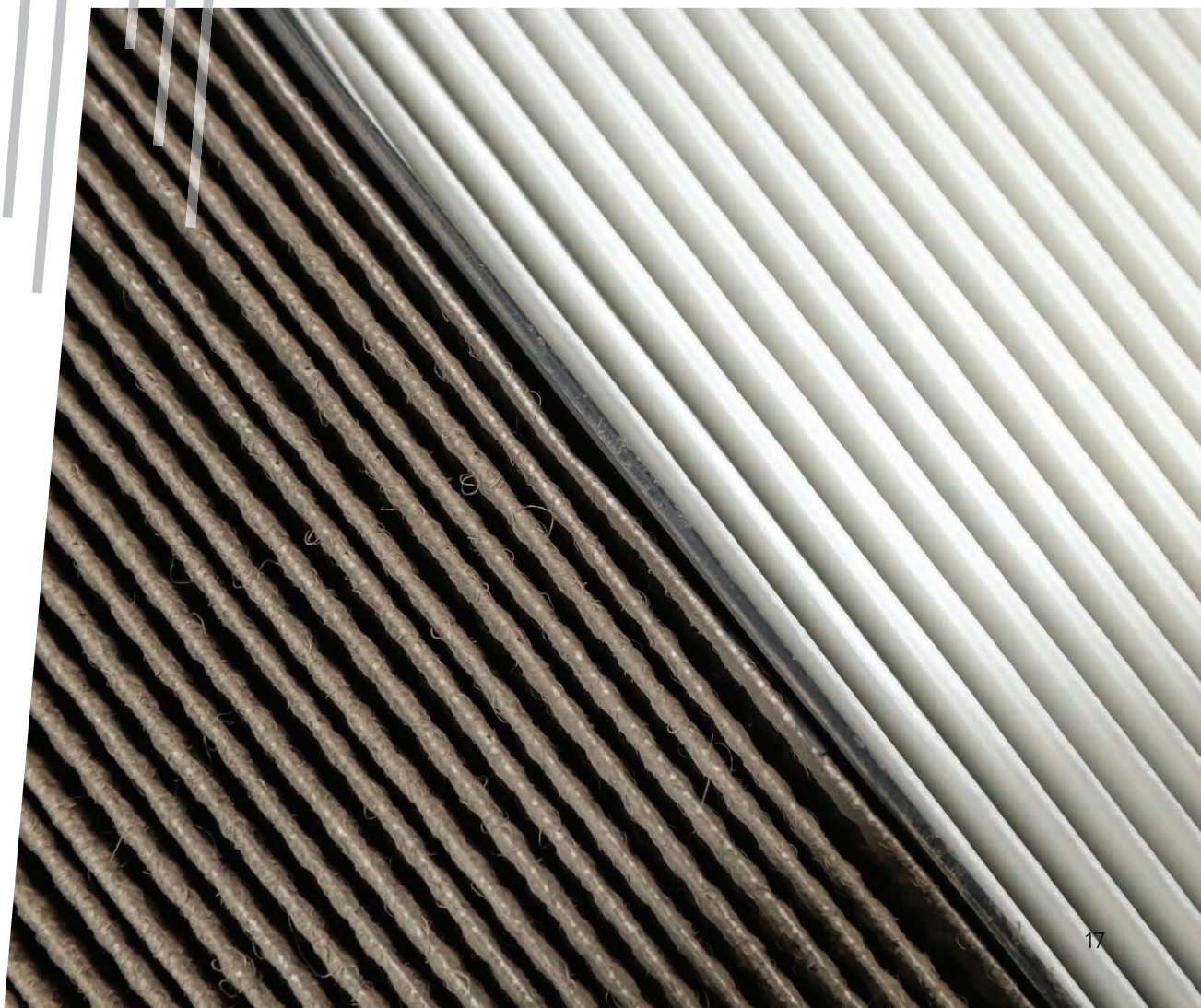
it removes excess humidity while counteracting condensation and mould problems

it dilutes CO_2 and pollutants dispersed in indoor air

it decreases allergens and dust mites

it reduces fumes and odours

it mitigates radon gas risk



MVHR Flow Range

Wall-mounted

Point-wise systems for retrofits on existing buildings

FlowEASY™

reddot winner 2026

FlowPLUS™/PLUS-R

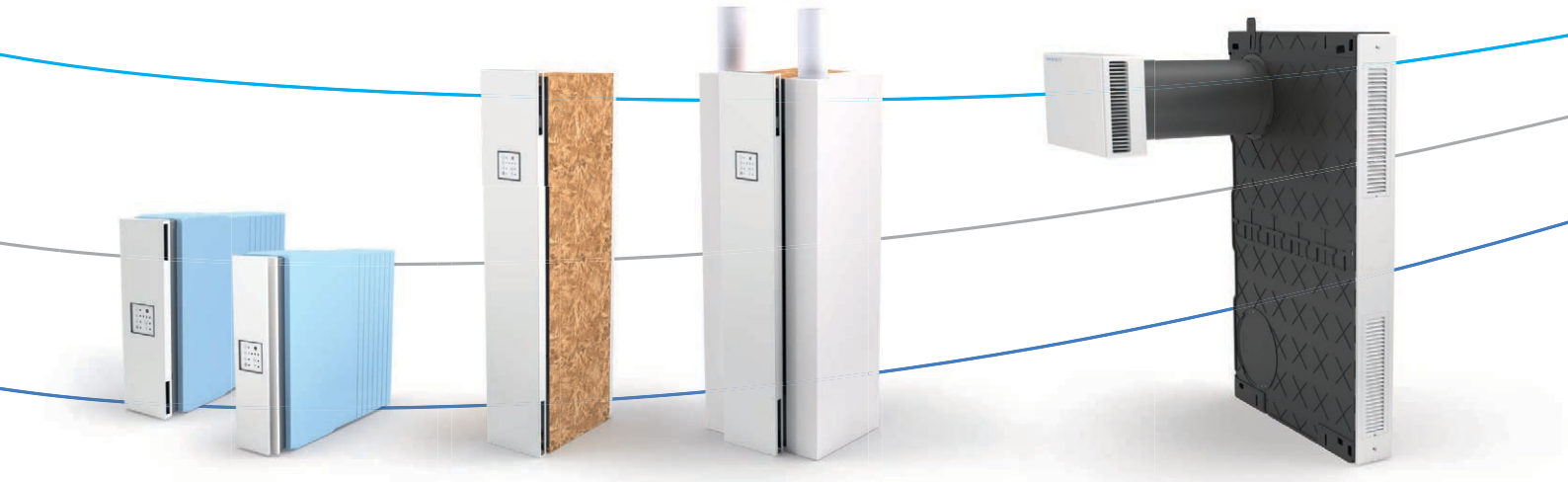
FlowULTRA/ULTRA-R

Wall recessed

Recessed wall-mounted systems for renovations and new buildings

For redevelopment

Patented MVHR system installed in the exterior cladding, with no impact on the facade



FlowMANHATTAN

FlowC120

Flow120

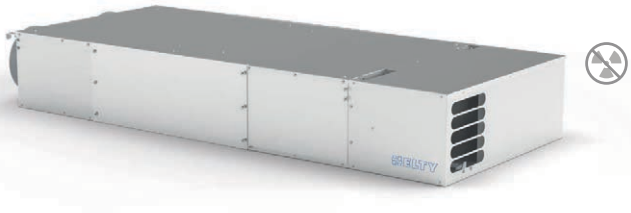
Flow40™

Flow30™

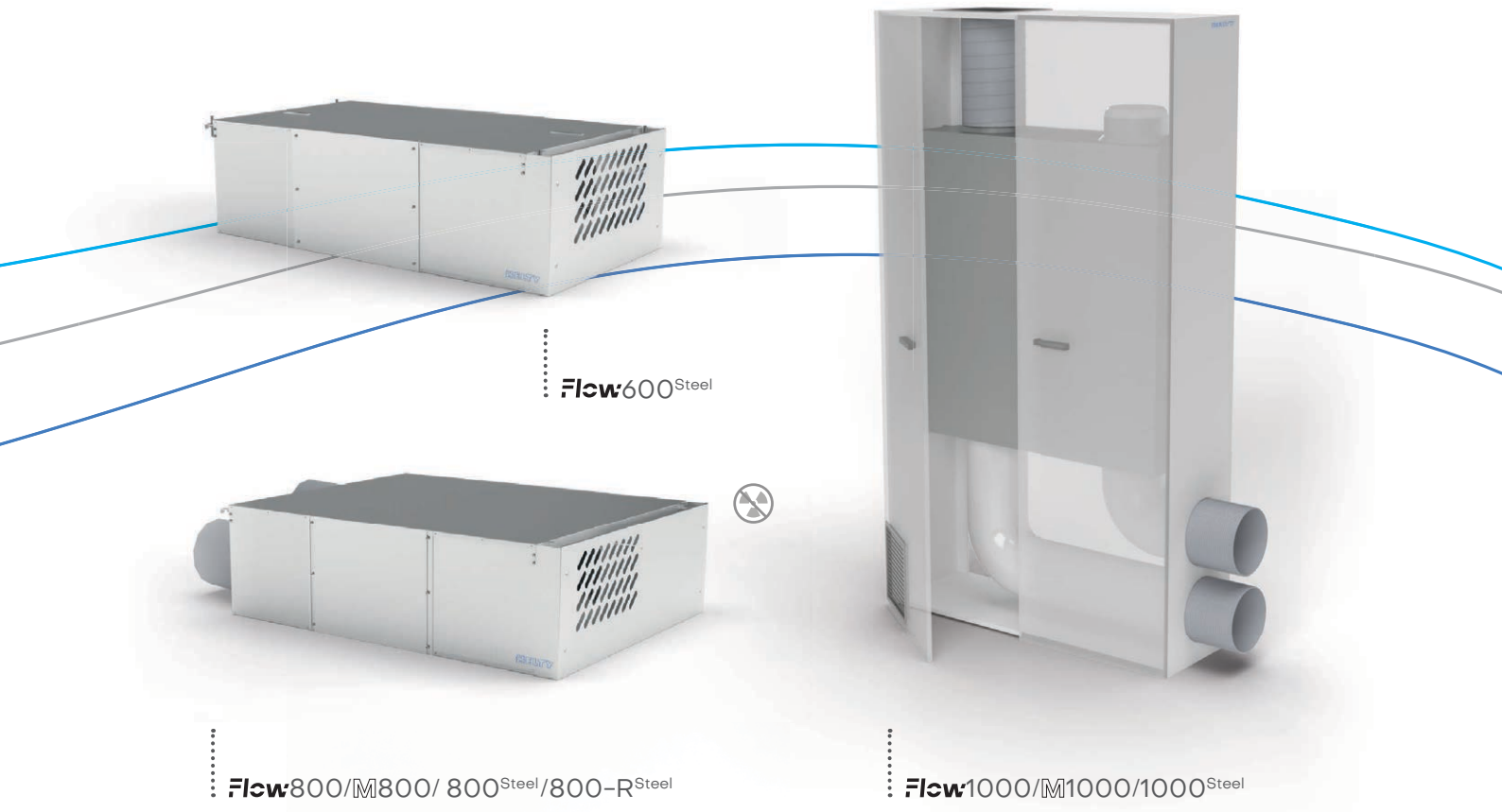
See all product details

Community

Systems for air exchange and sanitisation in schools, offices, laboratories, small shops



Flow 400 Steel / 400-R Steel



Flow 600 Steel

Flow 800/M800/ 800 Steel / 800-R Steel

Flow 1000/M1000/1000 Steel

Flow-R line

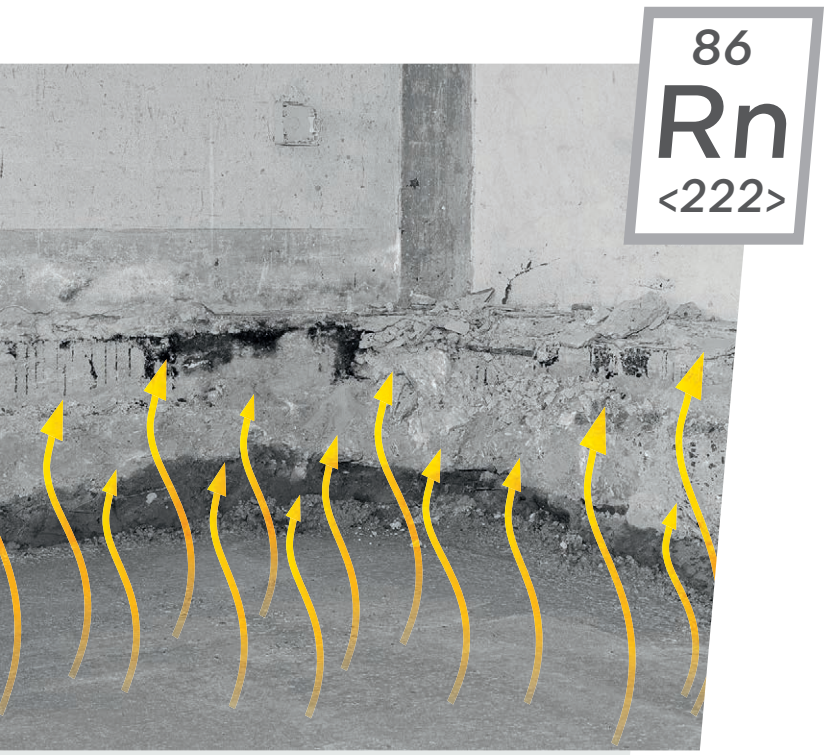
Dedicated MVHR solutions for effective radon risk mitigation

The **Helty Flow-R line** features an innovative series of **decentralised MVHR solutions** dedicated to **radon risk mitigation**. The R Line includes four different models of ventilation units, designed to effectively meet the needs of risk reduction in homes and businesses:

// **FlowPLUS-R | FlowULTRA-R**
ideal for wall-mounted retrofit applications in homes

// **Flow400-R**
perfect for installation in small classrooms and offices

// **Flow800-R**
designed for retrofit installation in large environments, such as schools and open-plan offices.



MVHR for smart radon risk management

Helty's Radon Line products are designed to provide an **effective** and **minimally invasive solution** for **radon risk management**. MVHR units can be remotely programmed, setting customised operating scenarios. Alternatively, they can be calibrated on-site according to the radon gas emissivity detected in the environment.

Using the WiFi **cloud panel**, the Flow-R versions allow remote management using the Helty Home app. The **Radon Scenarios** option allows the best management of **radon risk mitigation** through an array of customised unit settings. The intake and extraction airflow rates can be diversified by programming the imbalance of the unit while maintaining the unbalance settings at different speeds.
For these models, the **Radon Monitor sensor** for active gas monitoring, allowing an adaptive and automatic response based on user-programmable intervention thresholds, is also available as an option.

Radon monitor

Wall-Mounted MVHR

Decentralised systems for retrofitting small rooms in existing buildings

Model	FlowEASY		FlowPLUS		FlowPLUS-R	FlowULTRA	FlowULTRA-R
Heat exchanger	Enthalpy [1]	Sensible [1]	Enthalpy [1]	Sensible [1]	Enthalpy [1]	Enthalpy [1]	Enthalpy [1]
Night function	●	●	●	●	●	●	●
Hyperventilation	-	-	●	●	●	●	●
Filter replacement alert	●	●	●	●	●	●	●
Comfort function	-	-	●	●	●	●	●
Humidity sensor	-	-	●	●	-	●	-
External CO_2 / IAQ sensors	-	-	compatible	compatible	compatible	compatible	compatible
Radon sensor	-	-	-	-	compatible	-	compatible
Free-cooling / Free-heating	-	-	●	●	●	●	●
Remote control	●	●	●	●	●	●	●
Panel LED On/Off	●	●	●	●	●	●	●
Helty Home App	-	-	●	●	●	●	●
Tested according to UNI EN 13141-8	●	●	●	●	●	●	●
STD	**1VMC02025**	**1VMC02026**	**1VMC02027**	**1VMC02030**	**1VMC02034**	**1VMC02011**	**1VMC02016**
Shutter	-	-	**1VMC02028**	**1VMC02031**	-	-	-
Shutter + Preheating	-	-	**1VMC02029**	**1VMC02032**	-	-	-

1. Counter-flow.

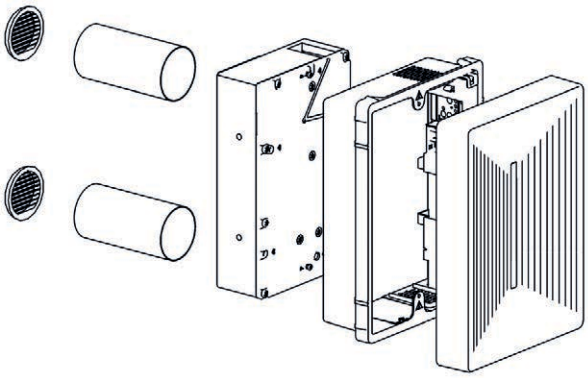
FlowEASY™

Compact and functional

The new **FlowEASY** has been developed to offer a **simple yet effective** decentralised heat recovery ventilation solution, providing continuous air exchange with **minimal impact on the budget**. It is the most affordable option in the Helty range, ideal for those seeking **reliable, cost-effective ventilation as an alternative to ducted systems.**
A compact, updated design and air flow rates designed for rooms up to **20m²** make FlowEASY the **most cost-effective and reliable choice** for retrofit applications in small domestic settings, ensuring high performance in terms of sound insulation as well.
Beneath the new casing is a MVHR unit optimised in both structure and function: FlowEASY features a **simplified operating system**, with just **two air exchange speeds** and an intuitive control interface for an even simpler and more immediate user experience. The system with **ePM2.5 65% (F7) filter** ensures a constant supply of fresh, purified air by capturing fine particulate matter, pollen and impurities, offering **superior protection compared to standard push-pull units**.

Vertical retrofit installation with no trade-offs

For the first time, FlowEASY is available in two variants – with a traditional enthalpy heat exchanger, or with the **new sensible heat exchanger** – to choose the solution best suited to your specific climate requirements. The wall-mounted version now favours **vertical installation**, which accents the new design and allows for the management of condensate drainage on the model with the sensible heat exchanger. Maintenance is minimal, consisting mainly of replacing the filter when indicated by the LED on the control panel.



Available also with sensible heat recovery

It is easy to control it from anywhere in the room using the included infrared remote control

91% Heat recovery efficiency

17.5 dB(A) Minimum sound pressure

30 m^3/h Maximum airflow

ePM2.5 65% (F7) + Coarse 90% (G4) Intake air filtration

-27.8 kWh/m^2a SEC energy consumption (temperate climate)

Energy efficiency class B

Technical data

Functions and features	**UOM**	Flow:EASY	
Heat exchanger		Enthalpy [1]	Sensible [1]
Night function		●	●
Filter replacement alert		●	●
Remote control		●	●
Panel LED On/Off		●	●
Tested according to UNI EN 13141-8		●	●
Airflow rate	m^3/h	8/15/30	
Flow adjustment		night + 2 stages	
Power consumption	W	2/5/11.5	
Specific power input	$W/m^2/h$	0.25/0.33/0.38	
Supply voltage	V AC	230	
Operating voltage [2]	V DC	24	
Max. current consumption [3]	A	0.1	
Weight	kg	7	
Product dimensions (W x H x D)	mm	339 x 467 x 144	
Core-drilled holes	mm	2x Ø80	
Installation orientation		horizontal or vertical	vertical
Heat recovery efficiency	%	91/85/78	
Sound power level [4]	dB(A)	29/33.5/45	
Sound pressure [5]	dB(A)	17.5/22/33.5	
Dn,e,w (facade noise abatement)	dB	45	
Intake filter [6]		ePM2.5 65% (F7) + Coarse 90% (G4)	
Extraction filter [6]		Coarse 70% (G2)	
Modbus RTU rs485		No	
Reference climate		cold / temperate / warm	
Energy efficiency class (cold / temperate / hot)		A+ / B / F	
SEC (cold / temperate / warm)	kWh/m^2a	-61.9 / -27.8 / -5.6	
Kit		card with QR-code digital manuals, installation template, MVHR filter, 2 white external grilles, 2 air ducts (Ø80, 500mm), wall mounting kit, remote control with batteries	card with QR-code digital manuals, installation template, MVHR filter, 2 white external grilles, 2 air ducts (Ø80, 500mm), wall mounting kit, remote control with batteries, condensate drain kit
Code		**1VMC02025**	**1VMC02026**

1. Counter-flow.
2. The power supply unit provided enables operation with power supply of 230 V AC. To be connected during installation.
3. With 230 V AC supply voltage
4. According to UNI EN ISO 3744.
5. Measured in a 30 m^2 semi-anechoic environment at a distance of 3 m.
6. UNI EN ISO 16890-1.

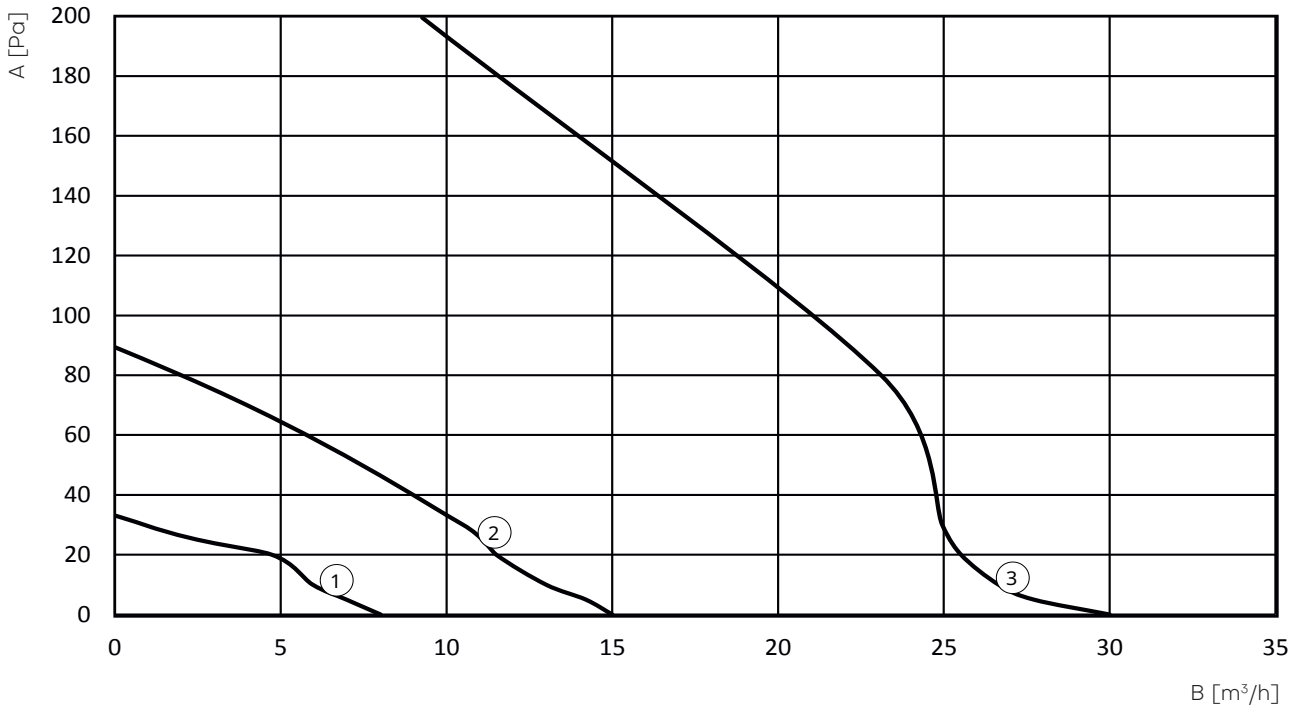
Accessories

Article	Code
Installation template FlowEASY/PLUS MY25	1VMC99211
Activated carbon filters ePM1 80% (F9) + Coarse 90% (G4) / Coarse 70% (G2) x10	1VMC99772
Activated carbon filters ePM1 80% (F9) + Coarse 90% (G4) / Coarse 70% (G2) x30	1VMC99773
Filters ePM2.5 65% (F7) + Coarse 90% (G4) / Coarse 70% (G2) x10	2VMC00000098
Filters ePM2.5 65% (F7) + Coarse 90% (G4) / Coarse 70% (G2) x30	2VMC00000092
White plastic foldable grilles Ø100mm	1PVCVMC00011
White plastic external grilles Ø80mm	1PVCVMC00020
White aluminium foldable grilles Ø100mm	4VMC00000762
Ø100mm wall-mounted MVHR gasket	1VMC99027
Weak wall fixing plate MY25	1VMC99216
IR remote control	4VMC00000900
Pipe Ø100mm L500mm + grille x2	1VMC99901
Pipe Ø80mm L500mm + grille x2	1VMC99048
Window-side outlet + wall-mounted MVHR grilles	1VMC99130

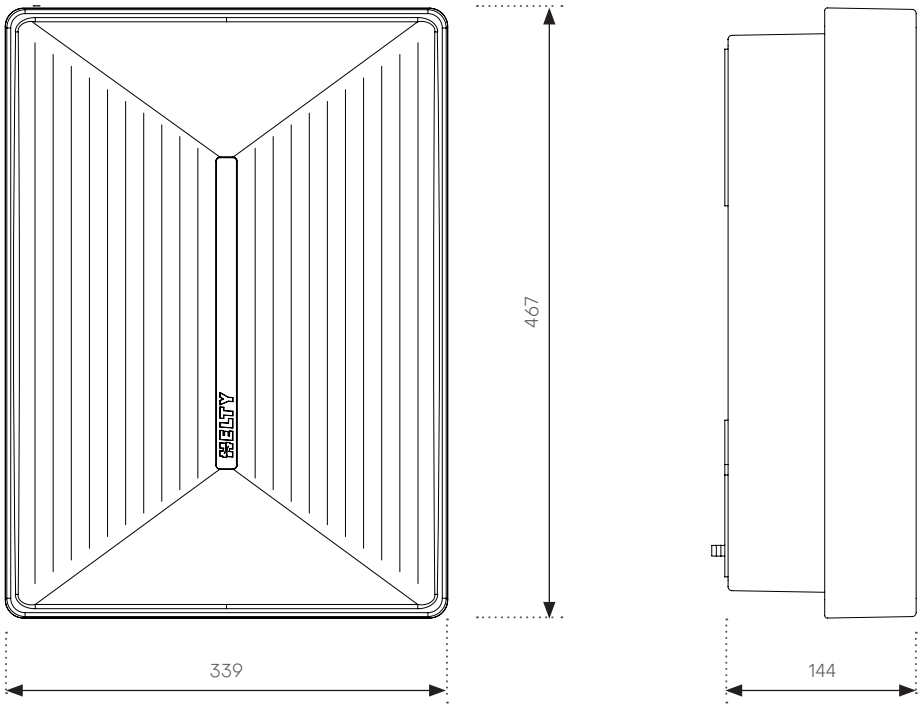
Flow-head charts

A Head
B Flow rate

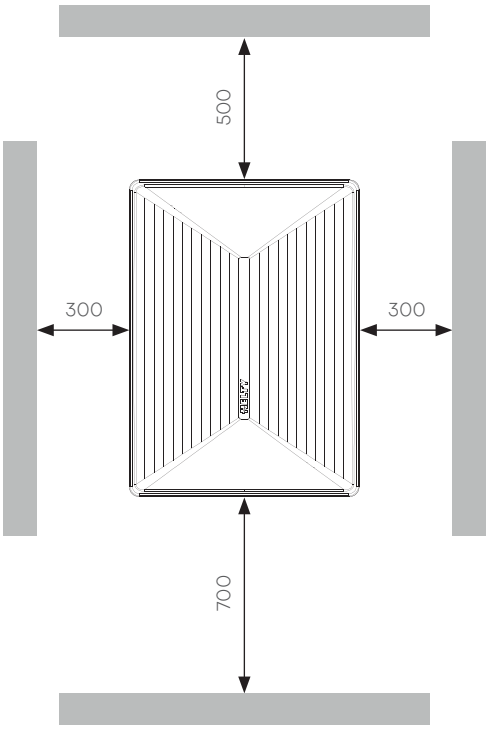
1 Super-minimum speed (night)
2 Speed 1
3 Speed 2

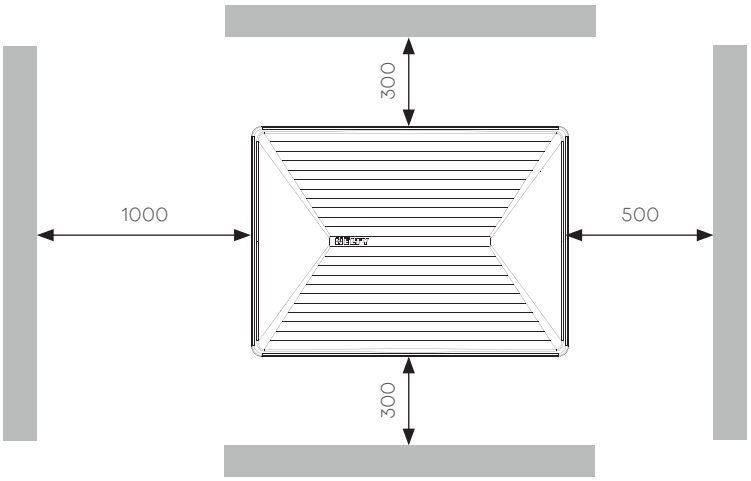


Dimensional drawings



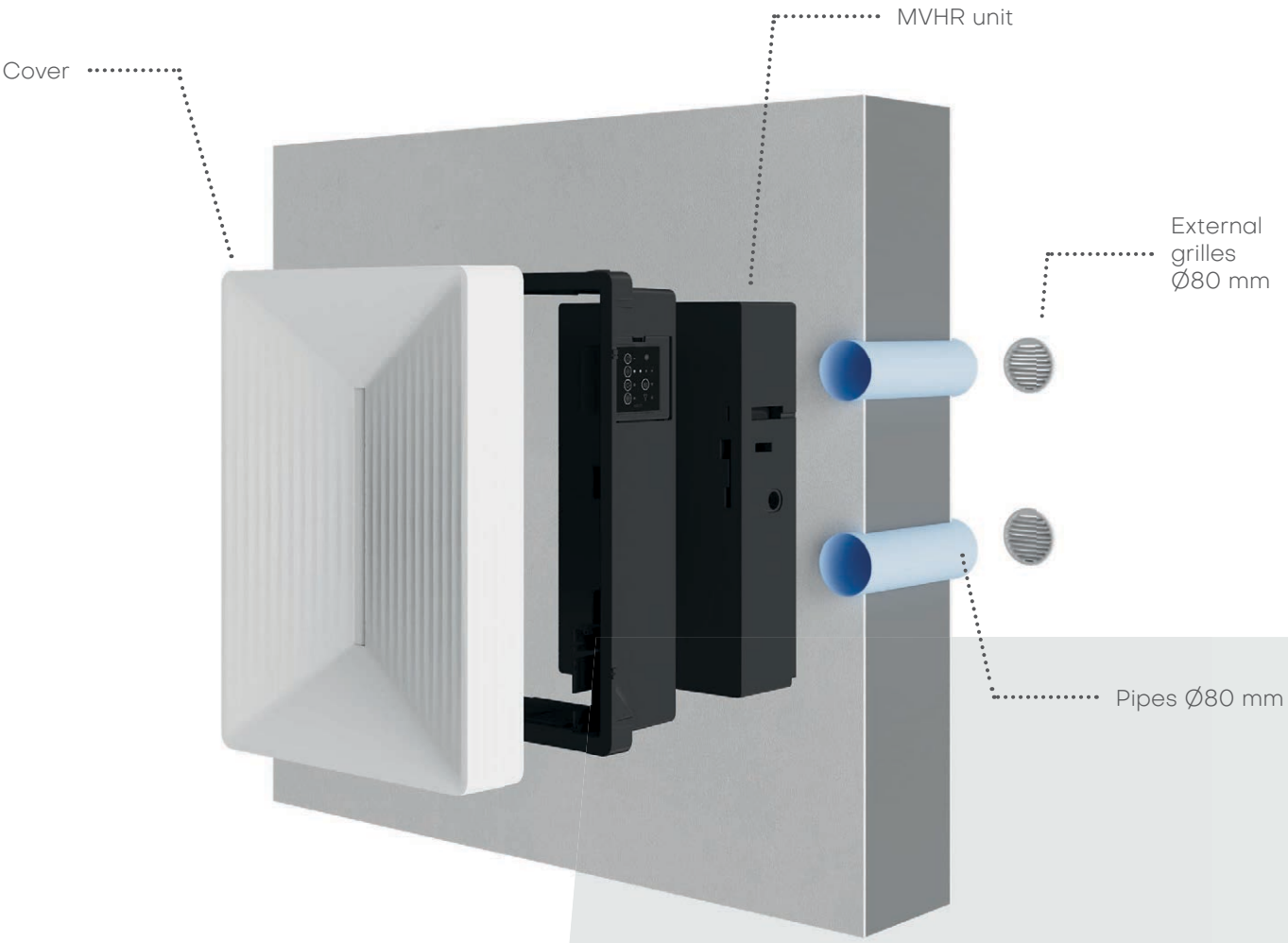
Recommended buffer zones





Wall-mounted MVHR

Wall-mounted MVHR systems allow plug-and-play installation.
Installation requires two small 80 mm coring holes in the masonry, inserting and sealing the tubes in the masonry section, fixing the unit to the wall with pressure screws, electrical connection and positioning the grilles outside.
The grilles can be installed directly from inside the house using the 100 mm ducting kit (optional).
Condensate drainage must be managed in models with sensible heat exchanger. See the instruction manual for more details.



reddot winner 2026

Flow PLUS™/PLUS-R

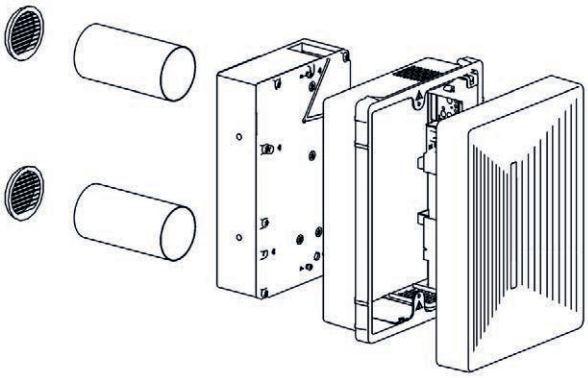
Advanced, quiet, designed for superior performance

Helty FlowPLUS is the flagship model of the **wall-mounted MVHR range**: a comprehensive solution designed to ensure continuous ventilation, high air quality and maximum thermal and humidity comfort in homes.
The unit constantly renews the indoor air, filtering the incoming air with a standard **ePM2.5 65% (F7)** filter and keeps humidity in check using an **integrated hygrometric sensor**, which automatically adjusts ventilation to prevent condensation and mould.
The 2026 range marks an evolution in both appearance and functionality. The new cover further enhances the looks of FlowPLUS, making it even more discreet and easy to integrate. **Configurations with shutters and preheating** are also available.

Its compact dimensions and minimalist design echo the style of contemporary lamps and furnishings. For the first time, FlowPLUS is available in **two different versions**: with an **enthalpy heat exchanger** or with the new **sensible heat exchanger**. The enthalpy heat exchanger recovers both heat and humidity, whilst the sensible version focuses solely on heat recovery, making it ideal for milder climates. For **radon gas mitigation**, the **FlowPLUS-R** version is available, equipped with remote connectivity via the Helty Home app, for air quality monitoring and even more efficient ventilation management.

Vertical installation and smart management

Compact and easy to install, FlowPLUS requires only two Ø80 mm holes in the external masonry and an electrical connection, with no need for invasive work. The new model is designed primarily for **vertical installation**, which showcases its new design. In addition to the on-board controls and the remote control, the unit can be operated remotely via the **Helty Home app**, allowing you to monitor temperature and humidity, program ventilation levels and create customised automatic scenarios.



Sensors for automatic humidity management

Available also with sensible heat recovery

Modbus RTU rs485 integration

91% Heat recovery efficiency

17.5 dB(A) Minimum sound pressure

42 m^3/h Maximum airflow

ePM2.5 65% (F7) + Coarse 90% (G4) Intake air filtration

-37.9 kWh/m^2a SEC energy consumption (temperate climate)

Energy efficiency class A

Technical data

Functions and features	UOM	FlowPLUS		FlowPLUS-R
Heat exchanger		Enthalpy [1]	Sensible [1]	Enthalpy [1]
Night function		●	●	●
Hyperventilation		●	●	●
Filter replacement alert		●	●	●
Comfort function		●	●	●
Humidity sensor		●	●	-
External CO_2 / IAQ sensors		compatible	compatible	compatible
Radon sensor		-	-	compatible
Free-cooling / Free-heating		●	●	●
Remote control		●	●	●
Panel LED On/Off		●	●	●
Helty Home App		●	●	●
Tested according to UNI EN 13141-8		●	●	●
Airflow rate	m^3/h	8/10/17/26/37/42[2]		
Flow adjustment		night + 4 stages + hyperventilation		
Power consumption	W	2/3.6/5.5/9/17.5/20[2]		
Specific power input	$W/m^2/h$	0.25/0.35/0.32/0.35/0.47/0.48[2]		
Supply voltage	V AC	230		
Operating voltage [3]	V DC	24		
Max. current consumption [4]	A	0.15 / 0.25[9]		0.15
Heater power level [9]	W	40		-
Weight	kg	8		
Product dimensions (W x H x D)	mm	339 x 467 x 144		
Core-drilled holes	mm	2x Ø80		
Installation orientation		horizontal or vertical	vertical	horizontal or vertical
Heat recovery efficiency	%	91/91/80/76/70/68[2]		
Sound power [5]	dB(A)	29/29.5/39.9/42/50.7/53.7[2]		
Sound pressure [6]	dB(A)	17.5/18/23.4/30.5/39.2/42.2[2]		
Dn,e,w (facade noise abatement)	dB	45		
Intake filter [7]		ePM2.5 65% (F7) + Coarse 90% (G4)		
Extraction filter [7]		Coarse 70% (G2)		
Modbus RTU rs485		Yes [8]		
Reference climate		cold / temperate / warm		
Energy efficiency class (cold / temperate / hot)		A+ / A / E		
SEC (cold / temperate / warm)	kWh/m^2a	-74.1 / -37.9 / -14.6		
Kit		card with QR-code digital manuals, installation template, MVHR filter, 2 white external grilles, 2 air ducts (Ø80, 500mm), wall mounting kit, remote control with batteries		card with QR-code digital manuals, installation template, MVHR filter, 2 white external grilles, 2 air ducts (Ø80, 500mm), wall mounting kit, remote control with batteries, condensate drain kit
STD		**1VMC02027**	**1VMC02030**	**1VMC02034**
Shutter		**1VMC02028**	**1VMC02031**	**-**
Shutter + Preheating		**1VMC02029**	**1VMC02032**	**-**

1. Counter-flow.
2. In hyperventilation mode.
3. The power supply unit provided enables operation with power supply of 230 V AC. To be connected during installation.
4. With 230 V AC supply voltage.
5. According to UNI EN ISO 3744.
6. Measured in a 30 m^2 semi-anechoic environment at a distance of 3 m.
7. UNI EN ISO 16890-1.
8. The control panel functions are lost.
9. Shutter + Preheating.

Accessories

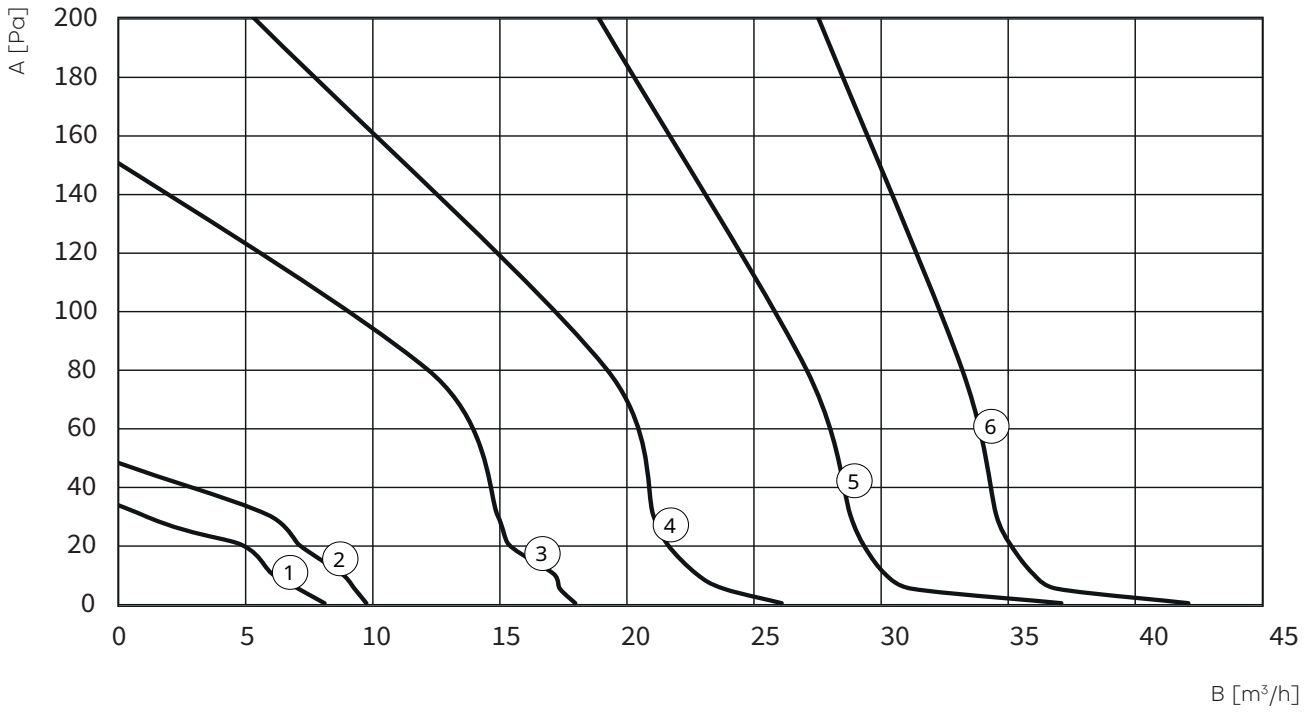
Item	Code
IAQ monitor [1]	4VMC00000903
CO_2 monitor [1]	4VMC00000902
Installation template FlowEASY/PLUS MY25	1VMC99211
Activated carbon filters ePM1 80% (F9) + Coarse 90% (G4) / Coarse 70% (G2) x10	1VMC99772
Activated carbon filters ePM1 80% (F9) + Coarse 90% (G4) / Coarse 70% (G2) x30	1VMC99773
Filters ePM2.5 65% (F7) + Coarse 90% (G4) / Coarse 70% (G2) x10	2VMC00000098
Filters ePM2.5 65% (F7) + Coarse 90% (G4) / Coarse 70% (G2) x30	2VMC00000092
White plastic foldable grilles Ø100mm	1PVCVMC00011
White plastic external grilles Ø80mm	1PVCVMC00020
White aluminium foldable grilles Ø100mm	4VMC00000762
Ø100mm wall-mounted MVHR gasket	1VMC99027
Weak wall fixing plate MY25 [2]	1VMC99216
Radon monitor [3]	4VMC00000901
IR remote control	4VMC00000900
Pipe Ø100mm L500mm + grille x2	1VMC99901
Pipe Ø80mm L500mm + grille x2	1VMC99048
Window-side outlet + wall-mounted MVHR grilles	1VMC99130

1. Requires Cloud control panel. 2. Available only for FlowPLUS. 3. Available only for FlowPLUS-R.

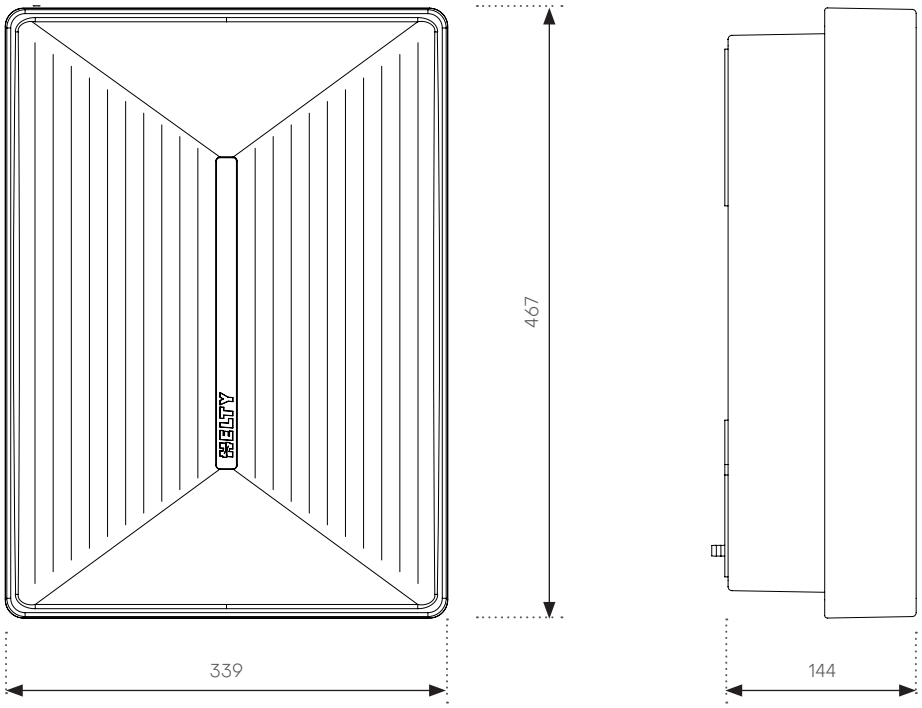
Flow-head charts

A Head
B Flow rate

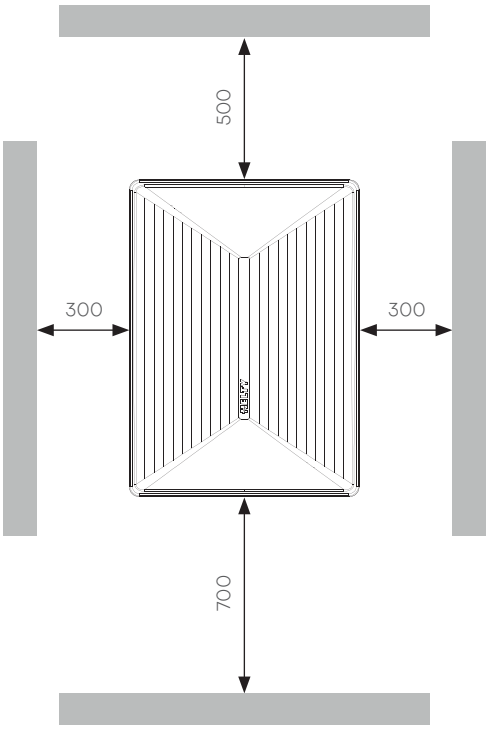
1 Super-minimum speed (night)
2 Speed 1
3 Speed 2
4 Speed 3
5 Speed 4
6 Hyperventilation

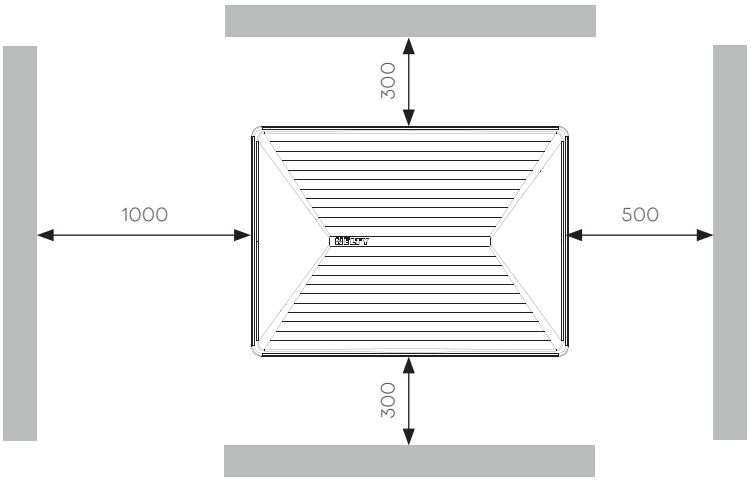


Dimensional drawings



Recommended buffer zones





reddot winner 2026

The vertical design of **FlowPLUS** minimizes the unit's footprint, making it easy to integrate into any residential setting. The front cover, defined by geometric grooves that converge into a central concavity, creates a strong and distinctive visual identity, enhanced by a brushed aluminum insert featuring the Helty logo.

Flow ULTRA/ULTRA-R

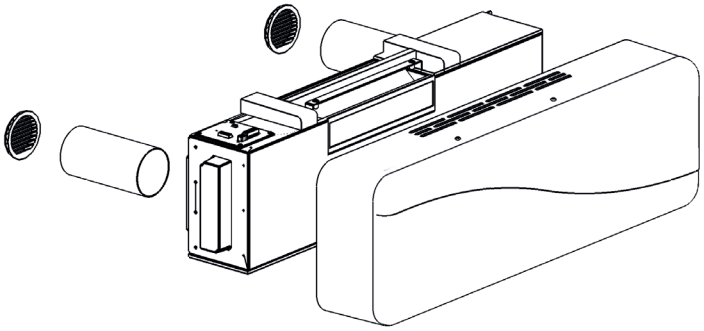
Ideal for MVHR retrofit in living spaces and small offices

FlowULTRA is the evolution of retrofit MVHR with wall-mounted installation dictated by the need to **ensure proper air exchange in recently upgraded contexts,** while safeguarding the energy efficiency provided by the insulation of the building envelope. A continuous dual-flow ventilation unit designed to serve individual rooms, with **adjustable airflow rates between 15 and 120 m³/h.** Installed with two 100 mm coring holes, FlowULTRA is supplied as standard with a white ABS cover for a neat connection to the existing environment. A solution designed to **meet the needs for healthy air** in **medium-sized rooms**, small offices, professional offices, medical surgeries and open-plan spaces.

The continuous exchange action, combined with the very high air filtration capacity of the **ePM2.5 65% (F7) filter,** ensures a healthier and more comfortable environment, preventing particulates, smog, spores, pollen and allergens from entering from outside. Energy savings are guaranteed by the **heat recovery unit with efficiency of up to 88%**. Effective in preventing condensation and mould, FlowULTRA is also ideal for **application in basements and cellars.** The air pipes can be partially ducted using a special optional kit to maximise installation flexibility.

Your trusted ally against radon, manageable via app

The ULTRA-R version is designed to help contain the radon risk by effectively diluting the gas. This solution is particularly suitable for retrofit applications in basements and all high-risk contexts. FlowULTRA and ULTRA-R can be combined with optional CO_2, IAQ and radon sensors to provide comprehensive monitoring of indoor air quality parameters. The MVHR unit can be managed remotely via the Helty Home app for setting customised scenarios and exporting data history.



Sensors for automatic humidity management

Modbus RTU rs485 integration

It is easy to control it from anywhere in the room using the included infrared remote control

88% Heat recovery efficiency

19.5dB(A) Minimum sound pressure

120 m^3/h Maximum airflow

ePM2.5 65% (F7) Intake air filtration

-36.7kWh/m^2a SEC energy consumption (temperate climate)

Energy efficiency class A

Technical data

Functions and features	UOM	FlowULTRA	FlowULTRA-R
Heat exchanger		Enthalpy [1]	Enthalpy [1]
Night function		●	●
Hyperventilation		●	●
Filter replacement alert		●	●
Comfort function		●	●
Humidity sensor		●	–
External CO_2 / IAQ sensors		compatible	compatible
Radon sensor		–	compatible
Free-cooling / Free-heating		●	●
Remote control		●	●
Panel LED On/Off		●	●
Helty Home App		●	●
Tested according to UNI EN 13141-8		●	●
Airflow rate	m^3/h	13/30/45/60/80/120[2]	
Flow adjustment		night + 4 stages + hyperventilation	
Power consumption	W	3/6/9/13/16.3/39[2]	
Specific power input	$W/m^2/h$	0.23/0.2/0.2/0.22/0.29/0.46[2]	
Supply voltage	V AC	230	
Operating voltage [3]	V DC	24	
Max. current consumption [4]	A	0.3	
Weight	kg	12	
Product dimensions (W x H x D)	mm	1000 x 320 x 180	
Core-drilled holes	mm	2x Ø100	
Installation orientation		horizontal	
Heat recovery efficiency	%	88/82/75/72/68/57[2]	
Sound power [5]	dB(A)	31/36/43/48/55/63[2]	
Sound pressure [6]	dB(A)	19.5/24.5/31.5/36.5/43.5/51.5[2]	
Dn,e,w (facade noise abatement)	dB	45	
Intake filter [7]		ePM2.5 65% (F7) / Coarse 60% (G1)	
Extraction filter [7]		Coarse 70% (G2)	
Modbus RTU rs485		Yes [8]	
Reference climate		cold / temperate / warm	
Energy efficiency class (cold / temperate / hot)		A+ / A / E	
SEC (cold / temperate / warm)	kWh/m^2a	-74.5 / -39 / -16.1	
Kit		card with QR-code digital manuals, installation template, MVHR filter, 2 white external grilles, 2 air ducts (Ø100, 500mm), wall mounting kit, remote control with batteries	card with QR-code digital manuals, installation template, MVHR filter, 2 white external grilles, 2 air ducts (Ø100, 500mm), wall mounting kit, remote control with batteries, condensate drain kit
STD		**1VMC02011**	**1VMC02016**

1. Counter-flow.
2. In hyperventilation mode
3. The power supply unit provided enables operation with power supply of 230 V AC. To be connected during installation.
4. With 230 V AC supply voltage.
5. According to UNI EN ISO 3744.
6. Measured in a 30 m^2 semi-anechoic environment at a distance of 3 m.
7. UNI EN ISO 16890-1.
8. The control panel functions are lost.

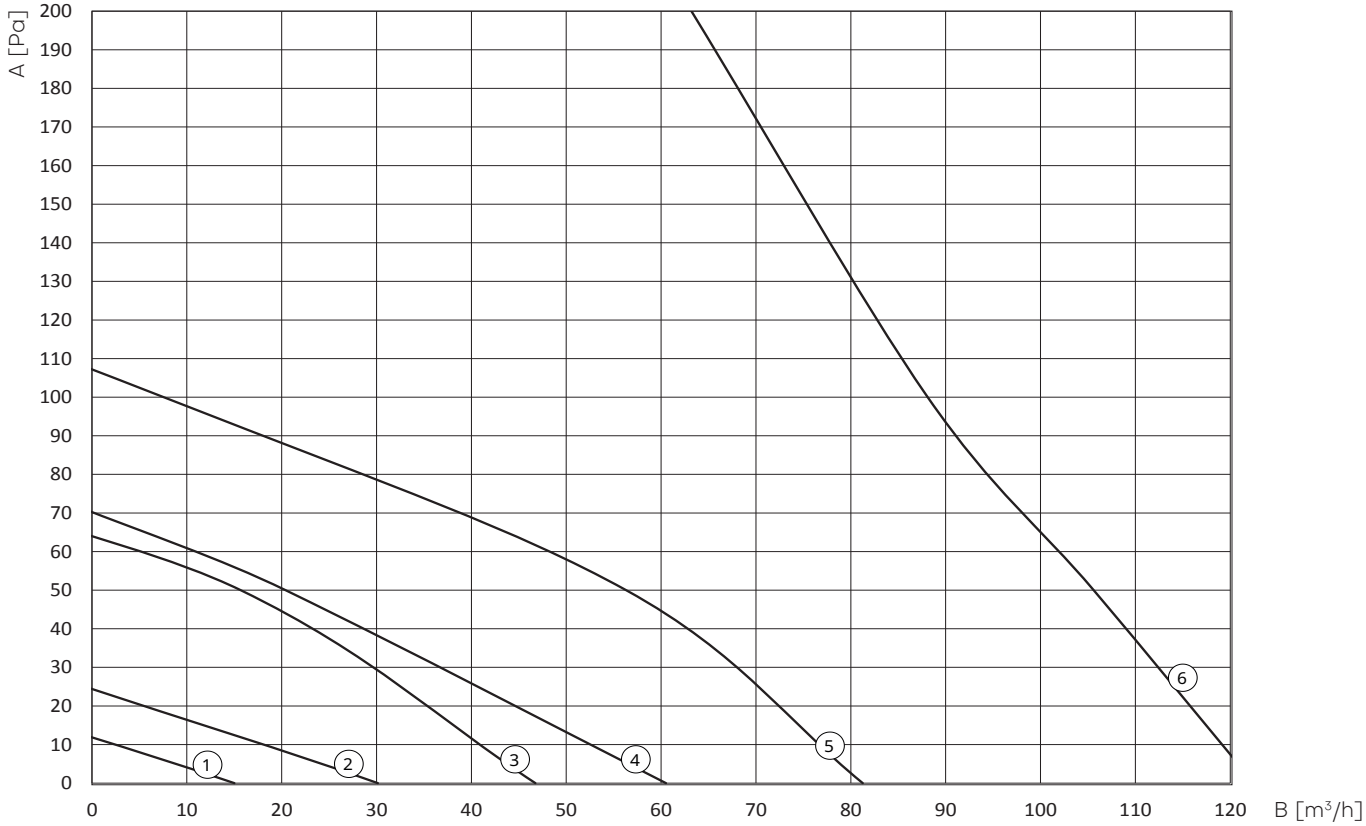
Accessories

Item	Code
Pipe adapter 120x60mm-Ø100mm x2	1VMC99186
Below-grade wall adapter	1VMC99135
IAQ monitor [1]	4VMC00000903
CO_2 monitor [1]	4VMC00000902
Installation template FlowULTRA	4MKT00000868
Filter Coarse 60% (G1) x10	1VMC06014
Filter Coarse 60% (G1) x5	1VMC06015
Activated carbon filters ePM1 80% (F9) x10	1VMC06019
Activated carbon filters ePM1 80% (F9) x5	1VMC06018
Filters ePM2.5 65% (F7) / Coarse 60% (G1) x10	1VMC06012
Filters ePM2.5 65% (F7) / Coarse 60% (G1) x5	1VMC06013
White plastic foldable grilles Ø100mm	1PVCVMC00011
White aluminium foldable grilles Ø100mm	4VMC00000762
Radon monitor [2]	4VMC00000901
IR remote control	4VMC00000900
Pipe Ø100mm L500mm + grille x2	1VMC99901

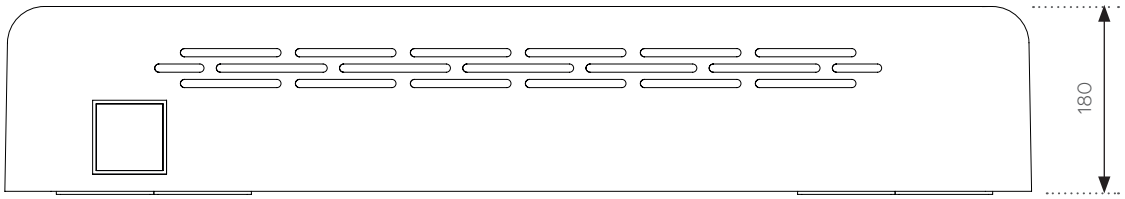
1. Requires Cloud control panel.
2. Available only for FlowULTRA-R.

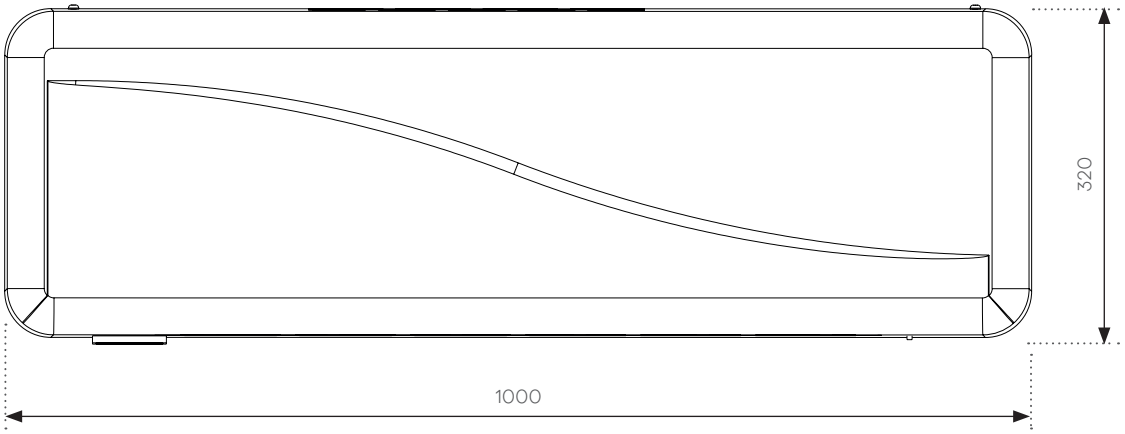
Flow-head charts

A Head
B Flow rate
1 Super-minimum speed (night)
2 Speed 1
3 Speed 2
4 Speed 3
5 Speed 4
6 Hyperventilation

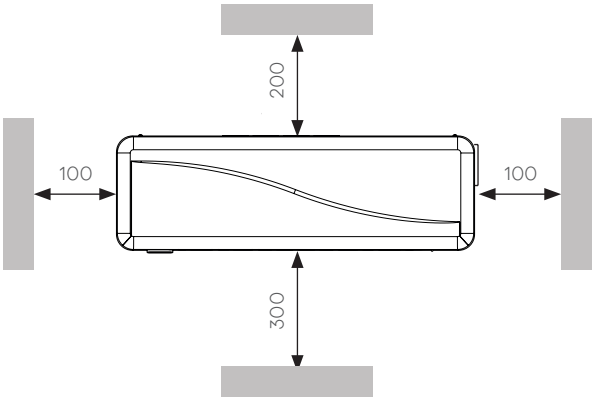


Dimensional drawings





Recommended buffer zones



Extractor XTRA

Ideal for quickly extracting stale air from bathrooms

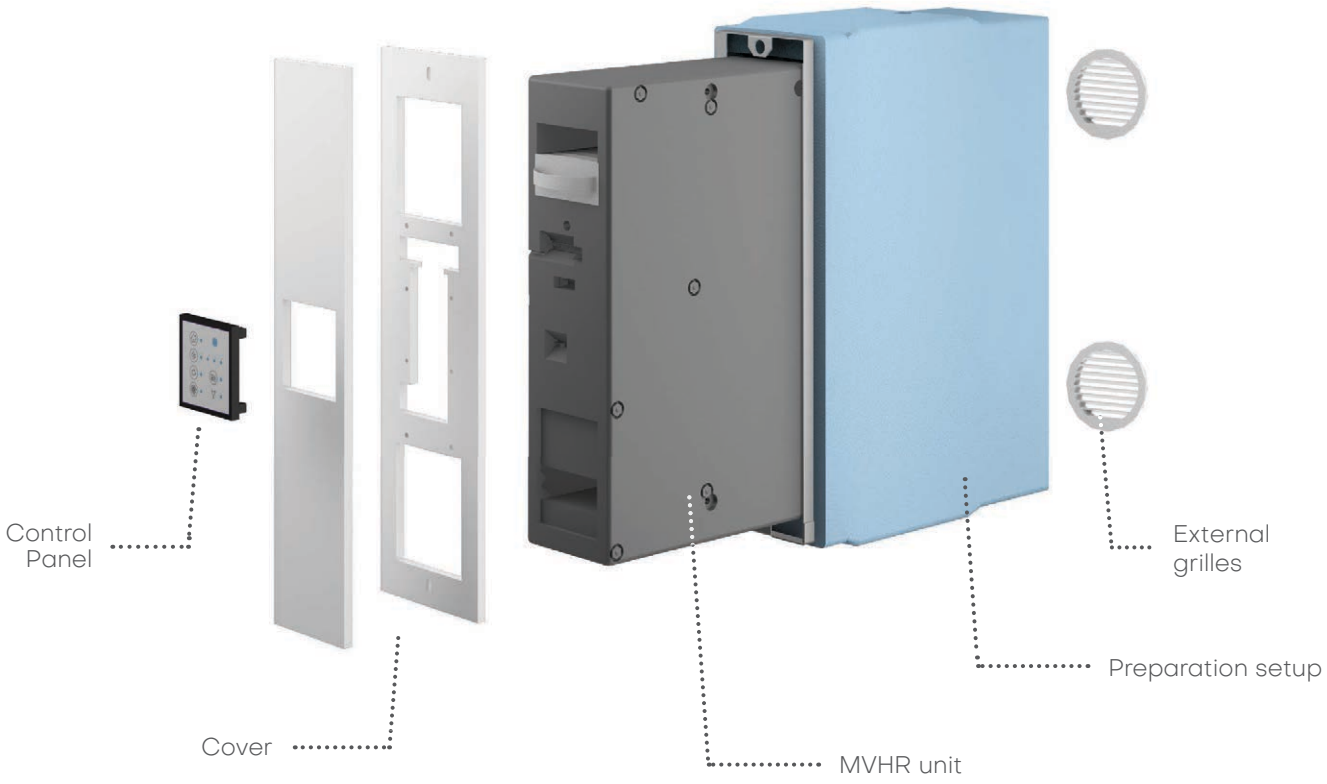
For situations where odours, exhaust air and fumes must be extracted quickly in small and medium-sized rooms, such as bathrooms, toilets, utility rooms, kitchens, cellars, laundries, etc. Made of high-quality, UV-resistant ABS in a modern design with a smooth front panel, it can be installed on the wall or ceiling.

Functions and features	**UOM**	**Extractor**	
Version		XTRA	XTRA+
Timer		–	●
Humidity sensor		–	●
Check valve		–	●
Airflow rate	m^3/h	88	
Power consumption	W	14	
Supply voltage	V AC	220-240 single-phase	
Max. current consumption [1]	A	0.09	
Weight	kg	0.6	
Product dimensions (W x H x D)	mm	152 x 120 x 30	
Core-drilled holes	mm	Ø100	
Installation orientation		horizontal	
Sound power	dB(A)	53	
IP protection rating		34	
Kit		installation manual	
Code		**4XTRA00090000**	**4XTRA00090001**

1. With 230 V AC supply voltage.

Wall recessed MVHR

Recessed systems for new buildings, renovations and energy upgrade projects



A MVHR unit plus the corresponding preparation setup, cover and controller is needed to compose the wall-recessed MVHR system, except for Flow30, which is supplied with an ABS cover as standard.

MVHR unit

Model	Flow:30		Flow:40		Flow:120	Flow:120H	Flow:©120
Heat exchanger	Enthalpy (1)	Sensible (1)	Enthalpy (1)	Sensible (1)	Enthalpy (1)	Enthalpy (1)	Enthalpy (1)
Night function	●	●	●	●	●	●	●
Hyperventilation	–	–	●	●	●	●	●
Filter replacement alert	●	●	●	●	●	●	●
Comfort function	–	–	●	●	●	●	●
Humidity sensor	–	–	●	●	●	●	●
External CO_2/IAQ sensors (2)	–	–	compatible	compatible	compatible	compatible	compatible
Free-cooling / Free-heating	–	–	●	●	●	●	●
Remote control	compatible	compatible	compatible	compatible	compatible	compatible	compatible
Panel LED On/Off	●	●	●	●	●	●	●
Helty Home app (2)	–	–	compatible	compatible	compatible	compatible	compatible
Tested according to UNI EN 13141-8	●	●	●	●	●	●	●
STD	**1VMC02017**	**1VMC02018**	**1VMC02019**	**1VMC02022**	**1VMC02007**	**1VMC02014**	**1VMC02009**
Shutter	–	–	**1VMC02020**	**1VMC02023**	–	–	–
Shutter + Preheating	–	–	**1VMC02021**	**1VMC02024**	–	–	–

Preparation setups

Model	Flow:30/40	Flow:30/40	Flow:120		Flow:120H	Flow:©120
Outlet	facade	window-side	facade	window-side	facade	facade
Code	**1VMC03010**	**1VMC99214** (3)	**1VMC03007**	**1VMC03009**	**1VMC03007**	**1VMC03008**

Cover

	Flow:40 Blind sheet metal	Flow:40 Blind white plexi	Flow:40 Blind black plexi	Flow:40 Flush	Flow:40 sheet metal	Flow:40 white plexi	Flow:40 blackplexi
Code	**1VMC99195**	**1VMC99193**	**1VMC99194**	**1VMC99207**	**1VMC99000**	**1VMC99001**	**1VMC99002**

	Flow:120 Blind sheet metal	Flow:120 Blind white plexi	Flow:120 Blind blackplexi	Flow:120 sheet metal	Flow:120 white plexi	Flow:120 blackplexi
Code	**1VMC99188**	**1VMC99187**	**1VMC99203**	**1VMC99098**	**1VMC99099**	**1VMC99104**

1. Counter-flow.
2. Requires Cloud control panel.
3. To be completed with 1VMC03010.

Flow30™

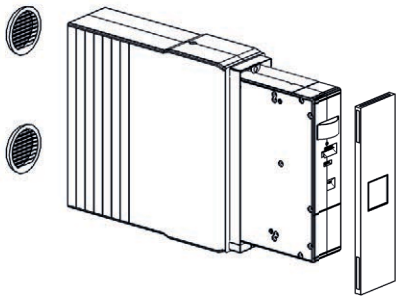
The compact and economical essential MVHR

Helty Flow30 is the most affordable decentralised, wall-recessed solution in the range, specifically designed to provide effective **basic ventilation at a low cost**. The ideal choice for **optimising construction site operations and reducing system complexity** in contexts requiring economies of scale and **design simplicity**. The Flow30 simplifies ventilation management by offering a **pre-configured setup**, with basic functions and just two operating speeds.

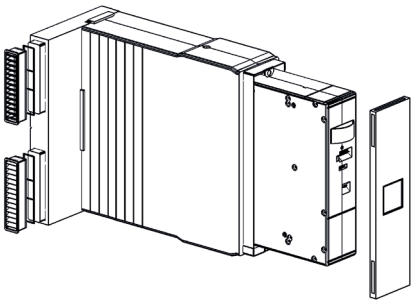
Ideal for rooms up to 20 m^2, the Flow30 aims to provide a **valid and cost-effective alternative to ducted systems**, ensuring superior **sound insulation**, heat recovery and filtration performance compared to push-pull systems. It can be installed in a pre-fitted configuration and completed with the MVHR unit and ABS cover at a later stage, making Flow30 a **functional, low-cost solution** to **protect against mould and humidity.**

Sensible or enthalpy heat exchanger for bespoke comfort

Flow30 offers the choice between two types of heat exchanger – **sensible or enthalpy** – to best adapt to the climate and requirements of the space to be ventilated. Two different technologies, designed to ensure indoor comfort in various situations, promoting the **healthiness of the interior spaces**.



Flow:30



Flow:30 windows-side outlet

Zero footprint solution: completely recessed into the masonry.

91% Heat recovery efficiency

14.5 dB(A) Minimum sound pressure

30 m^3/h Maximum airflow

ePM2.5 65% (F7) + Coarse 90% (G4) Intake air filtration

-27.8 kWh/m^2a SEC energy consumption (temperate climate)

Energy efficiency class B

MVHR unit technical data

Functions and features	UOM	Flow30	
Heat exchanger		Enthalpy [1]	Sensible [1]
Night function		●	●
Filter replacement alert		●	●
Remote control		compatible	compatible
Panel LED On/Off		●	●
Tested according to UNI EN 13141-8		●	●
Airflow rate	m^3/h	8/15/30	
Flow adjustment		night + 2 stages	
Power consumption	W	2/5/11.5	
Specific power input	$W/m^2/h$	0.25/0.33/0.38	
Supply voltage	V AC	230	
Operating voltage [2]	V DC	24	
Max. current consumption [3]	A	0.1	
MVHR unit weight	kg	4	
MVHR unit dimensions (W x H x D)	mm	108 x 408 x 253	
Preparation setup dimensions (W x H x D)	mm	145 x 504 x 517	
Installation orientation		horizontal or vertical	vertical
Heat recovery efficiency	%	91/85/78	
Sound power level [4]	dB(A)	29/33.5/45	
Sound pressure [5]	dB(A)	14.5/19.5/29.5	
Dn,e,w (facade noise abatement)	dB	45	
Intake filter [6]		ePM2.5 65% (F7) + Coarse 90% (G4)	
Extraction filter [6]		Coarse 70% (G2)	
Reference climate		cold / temperate / warm	
Energy efficiency class (cold / temperate / hot)		A+ / B / F	
SEC (cold / temperate / warm)	kWh/m^2a	-61.9 / -27.8 / -5.6	
Kit		card with QR-code digital manuals, power supply, control panel, airtight gasket, ABS cover	card with QR-code digital manuals, power supply, control panel, airtight gasket, ABS cover, condensate drain kit
STD		**1VMC02017**	**1VMC02018**

1. Counter-flow.
2. The power supply unit provided enables operation with power supply of 230 V AC. To be connected during installation.
3. With 230 V AC supply voltage.
4. According to UNI EN ISO 3744.
5. Measured in a 30 m^2 semi-anechoic environment at a distance of 3 m.
6. UNI EN ISO 16890-1.

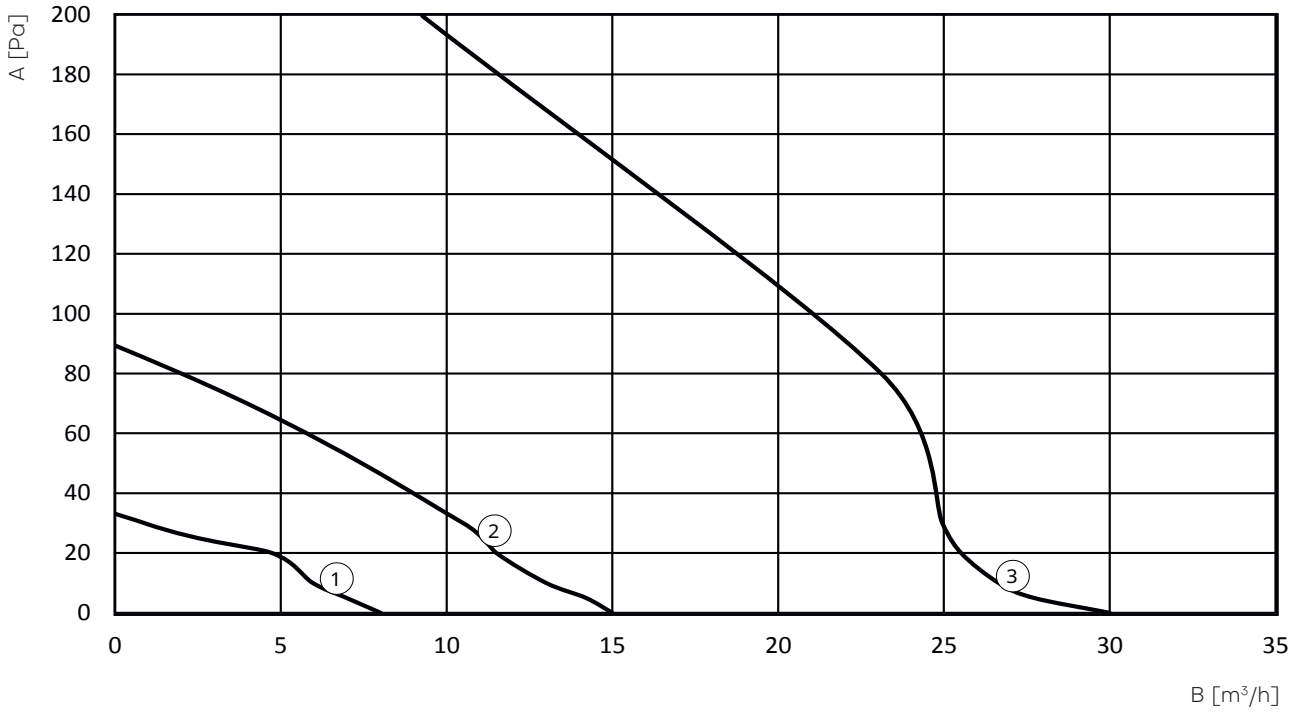
Accessories

Item	Code
Grille adapter 120x60mm-Ø100mm x2	1VMC99058
Setup adapter Flow40 MY25	1VMC99240
Activated carbon filters ePM1 80% (F9) + Coarse 90% (G4) / Coarse 70% (G2) x10	1VMC99772
Activated carbon filters ePM1 80% (F9) + Coarse 90% (G4) / Coarse 70% (G2) x30	1VMC99773
Filters ePM2.5 65% (F7) + Coarse 90% (G4) / Coarse 70% (G2) x10	2VMC00000098
Filters ePM2.5 65% (F7) + Coarse 90% (G4) / Coarse 70% (G2) x30	2VMC00000092
External rain guard grilles Ø100mm	1VMC99213
External plastic grilles Ø100mm MY25	1VMC99212
Slim external grilles + net	1VMC00000237
Setup insulation Flow40	1VMC99059
Protection panel Flow40	1VMC99051
IR remote control	4VMC00000900
Facade outlet + slim external grilles	1VMC99070
Window-side outlet + slim external grilles MY25	1VMC99214

Flow-head charts

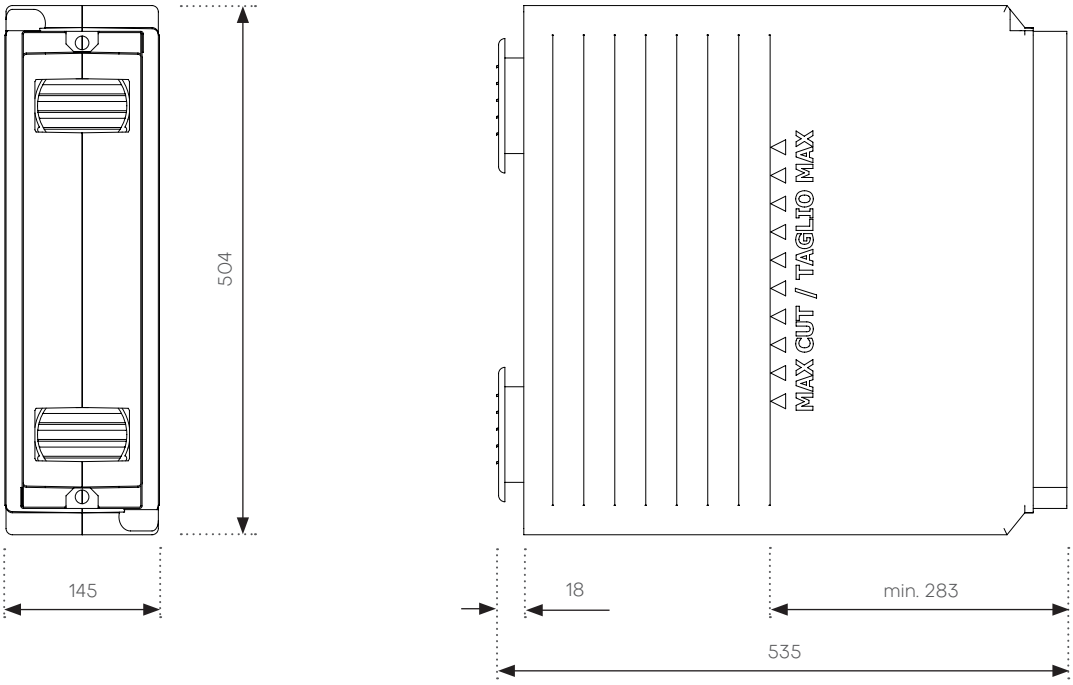
A Head
B Flow rate

1 Super-minimum speed (night)
2 Speed 1
3 Speed 2

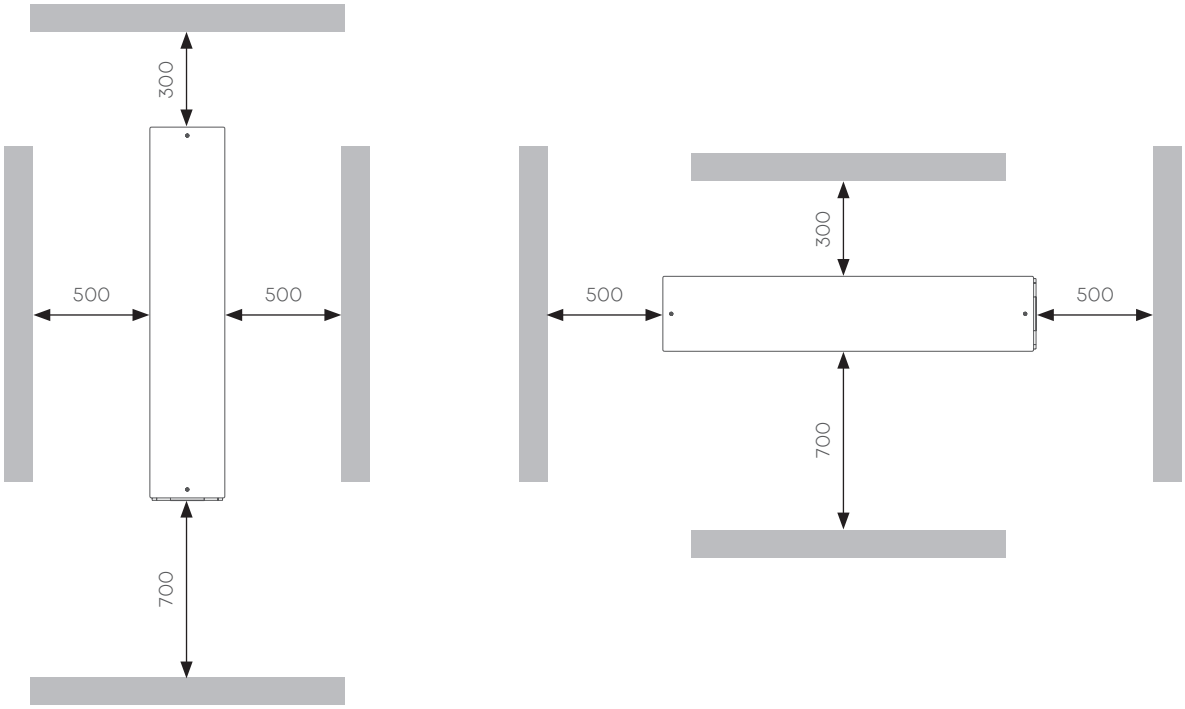


Dimensional drawings

Flow30
Facade output

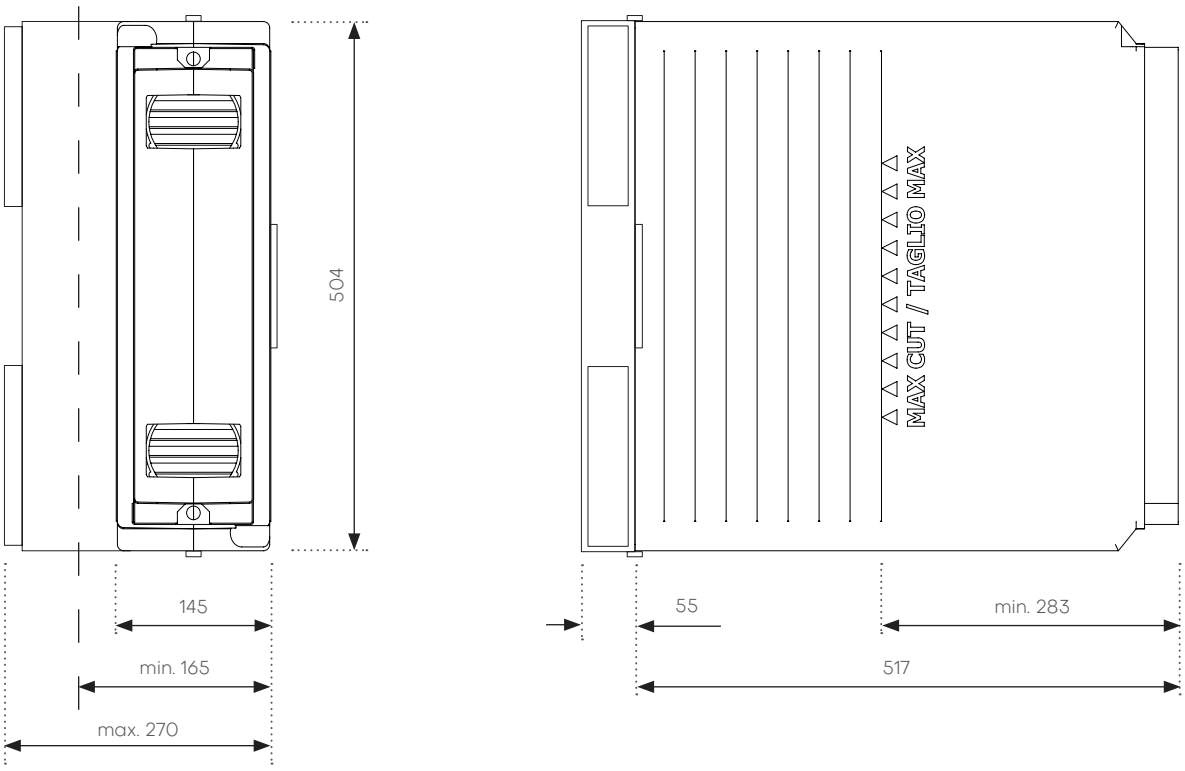


Recommended buffer zones

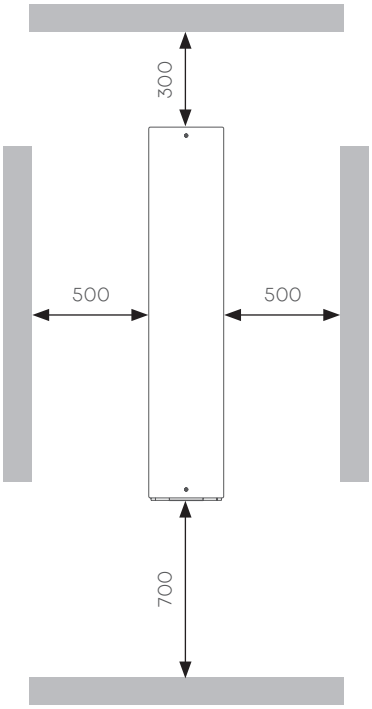


Dimensional drawings

Flow30
Window-side outlet



Recommended buffer zones



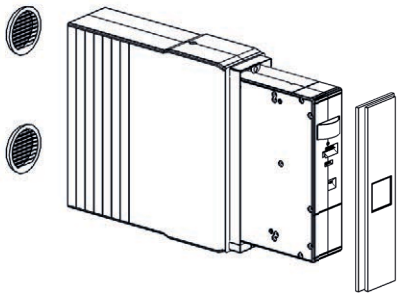
Flow40™

Efficient, discreet and configurable

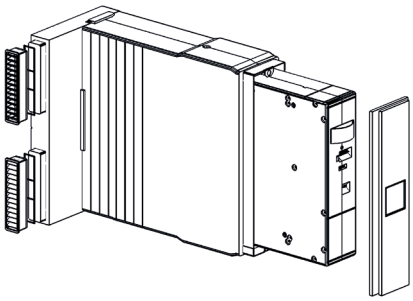
Flow40 has been updated and **expands its configuration options** to adapt to any customisation. Ideal for new builds and renovations, this decentralised flush-mounted system offers a **concealed and modular solution**. It requires no pipework or false ceilings, leaving only the cover visible. The available cover versions include metal – either blind or with a keypad – or white or black PMMA, also blind or with a keypad. These are complemented by a flush-mounted, paintable cover for situations where a completely invisible solution is required. The machine body is housed in **preparation setup, adaptable to walls** from 304 to 535 mm, which can be fitted during construction and completed with MVHR units and covers even at a later date. There are also new developments in heat exchanger technology, with the **option to choose between enthalpy (for harsher climates) or sensible** (ideal for temperate climates). Flow40 is available in **standard versions, with shutters, or with shutters and preheating**. It is also possible to select the position of the control panel: **wall-mounted, on a 503 box, or on the unit itself.** The standard hygrometric sensor automatically adjusts ventilation based on humidity and the **double ePM2.5 65% (F7) + Coarse 90% (G4) / Coarse 70% (G2) filter** ensures effective air purification from smog, spores, pollen and allergens, whilst maintaining the heat exchanger efficiency.

Invisible and smart with app control

The Flow40 version with **window-side outlets** integrates the grilles directly into the side of the window, making the **system even more invisible**. The machine can be paired with **optional CO_2 and IAQ** sensors for an even more accurate reading of indoor air quality parameters and personalised air exchange management. The **Helty Home app** can be used to manage ventilation remotely, program scenarios, control multiple units and simplify operation.



Flow:40



Flow:40 windows-side outlet

- *Sensors for automatic humidity management*
- *Modbus RTU rs485 integration*
- *Zero footprint solution: completely recessed into the masonry*

91% Heat recovery efficiency

14.5 dB(A) Minimum sound pressure

42 m^3/h Maximum airflow

ePM2.5 65% (F7) + Coarse 90% (G4) Intake air filtration

-37.9 kWh/m^2a SEC energy consumption (temperate climate)

MVHR unit technical data

Functions and features	UOM	Flow:40	
Heat exchanger		Enthalpy [1]	Sensible [1]
Night function		●	●
Hyperventilation		●	●
Filter replacement alert		●	●
Comfort function		●	●
Humidity sensor		●	●
External CO_2 / IAQ sensors [2]		compatible	compatible
Free-cooling / Free-heating		●	●
Remote control		compatible	compatible
Panel LED On/Off		●	●
Helty Home app [2]		compatible	compatible
Tested according to UNI EN 13141-8		●	●
Airflow rate	m^3/h	8/10/17/26/37/42[3]	
Flow adjustment		night + 4 stages + hyperventilation	
Power consumption	W	2/3.6/5.5/9/17.5/20[3]	
Specific power input	$W/m^2/h$	0.25/0.35/0.32/0.35/0.47/0.48[3]	
Supply voltage	V AC	230	
Operating voltage [4]	V DC	24	
Max. current consumption [5]	A	0.15 / 0.25[11]	
Heater power level [8]	W	40	
Weight	kg	4 / 4.1[10] / 4.2[11]	
MVHR unit dimensions (W x H x D)	mm	108 x 408 x 253	
Preparation setup dimensions (W x H x D)	mm	145 x 504 x 517	
Installation orientation		horizontal or vertical	vertical
Heat recovery efficiency	%	91/91/80/76/70/68[3]	
Bypass (free cooling/free heating)		electronic automatic	
Sound power [6]	dB(A)	26/26.5/32.4/37.8/46/49[3]	
Sound pressure [7]	dB(A)	14.5/15/20.9/26.3/34.5/37.5[3]	
Dn,e,w (facade noise abatement)	dB	45	
Intake filter [8]		ePM2.5 65% (F7) + Coarse 90% (G4)	
Extraction filter [8]		Coarse 70% (G2)	
Modbus RTU rs485		Yes [9]	
Reference climate		cold / temperate / warm	
Energy efficiency class (cold / temperate / hot)		A+ / A / E	
SEC (cold / temperate / warm)	kWh/m^2a	-74.1 / -37.9 / -14.6	
Kit		card with QR-code digital manuals, power supply, airtight gasket, microswitch	card with QR-code digital manuals, power supply, airtight gasket, microswitch, condensate drain kit
STD		**1VMC02019**	**1VMC02022**
Shutter		**1VMC02020**	**1VMC02023**
Shutter + Preheating		**1VMC02021**	**1VMC02024**

1. Counter-flow.
2. With Cloud Control Panel.
3. In hyperventilation mode.
4. The power supply unit provided enables operation with power supply of 230 V AC. To be connected during installation.
5. With 230 V AC supply voltage
6. According to UNI EN ISO 3744.
7. Measured in a 30 m^2 semi-anechoic environment at a distance of 3 m.
8. UNI EN ISO 16890-1.
9. The control panel functions are lost.
10. Shutter.
11. Shutter + Preheating.

Accessories

Item	Code
RJ10 coupler + 5m cable	1VMCA9913
Grille adapter 120x60mm-Ø100mm x2	1VMC99058
White BT Living Now adapter for wall control panel	1VMC99096
Black BT Living Now adapter for wall control panel	1VMC99180
Setup adapter Flow40 MY25	1VMC99240
IAQ monitor [1]	4VMC00000903
CO_2 monitor [1]	4VMC00000902
Activated carbon filters ePM1 80% (F9) + Coarse 90% (G4) / Coarse 70% (G2) x10	1VMC99772
Activated carbon filters ePM1 80% (F9) + Coarse 90% (G4) / Coarse 70% (G2) x30	1VMC99773
Filters ePM2.5 65% (F7) + Coarse 90% (G4) / Coarse 70% (G2) x10	2VMC00000098
Filters ePM2.5 65% (F7) + Coarse 90% (G4) / Coarse 70% (G2) x30	2VMC00000092
External rain guard grilles Ø100mm	1VMC99213
External plastic grilles Ø100mm MY25	1VMC99212
Slim external grilles + net	1VMC00000237
Setup insulation Flow40	1VMC99059
Protection panel Flow40	1VMC99051
60mm extension sheet metal panel	1VMC99069
IR remote control	4VMC00000900
Facade outlet + slim external grilles	1VMC99070
Window-side outlet + slim external grilles MY25	1VMC99214

1. Requires Cloud control panel.

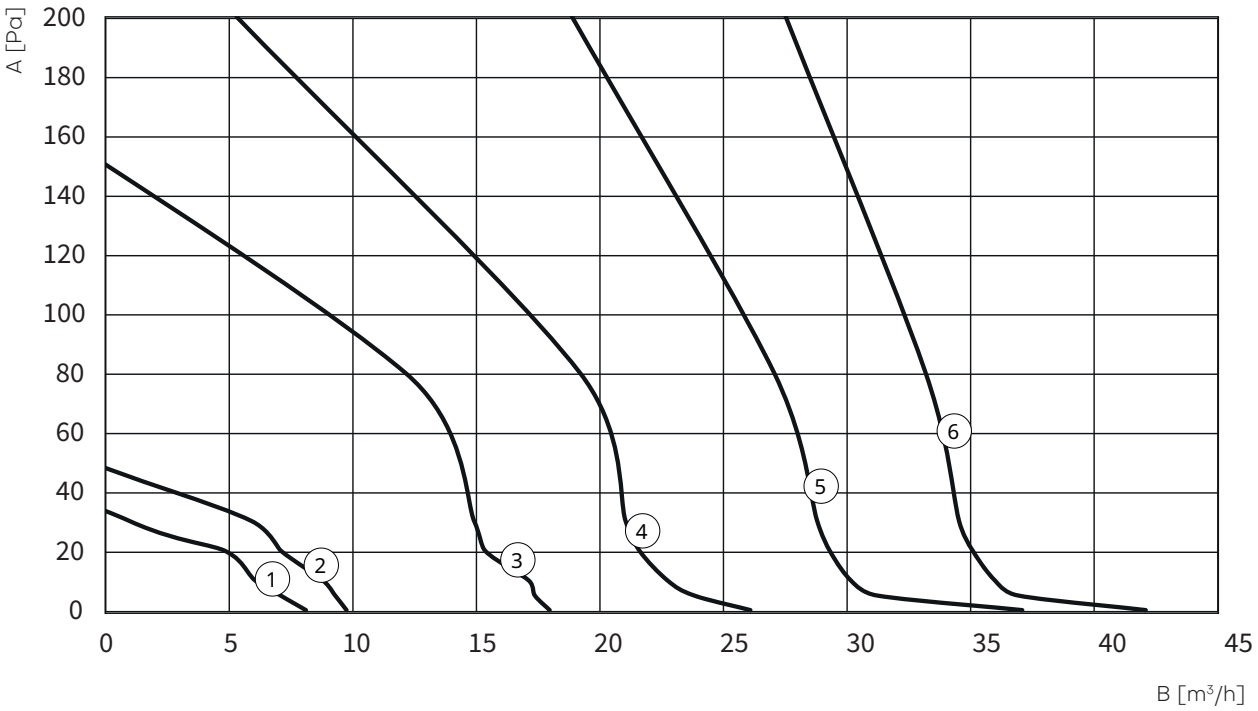
Type of control

Item	Installation type	Wi-Fi	Note	Code
EB STD control panel + 500mm cable	on board the machine, visible	No		1VMC99153
EB Cloud control panel + 300mm cable	on board the machine, visible	Yes		1VMC99154
EB black STD control panel + 500mm cable	on board the machine, visible	No		1VMC99241
EB black Cloud control panel + 300mm cable	on board the machine, visible	Yes		1VMC99243
EB concealed Cloud control panel Flow40	on board the machine, hidden	Yes	for blind covers	1VMC99204
EB remote STD control panel + 5m cable	remotely mounted on a flush-mounted box	No	for blind or flush covers	1VMC99201
EB remote Cloud control panel + 5m cable	remotely mounted on a flush-mounted box	Yes	for blind or flush covers	1VMC99202

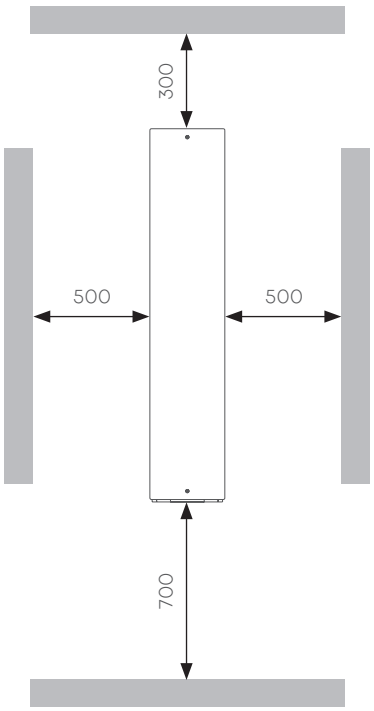
Flow-head charts

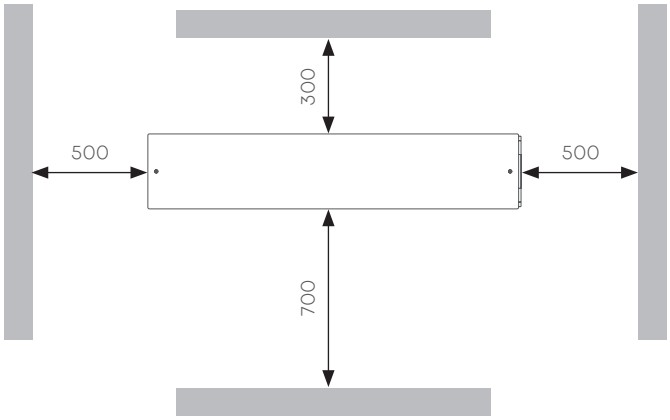
A Head
B Flow rate

1 Super-minimum speed (night)
2 Speed 1
3 Speed 2
4 Speed 3
5 Speed 4
6 Hyperventilation



Recommended buffer zones

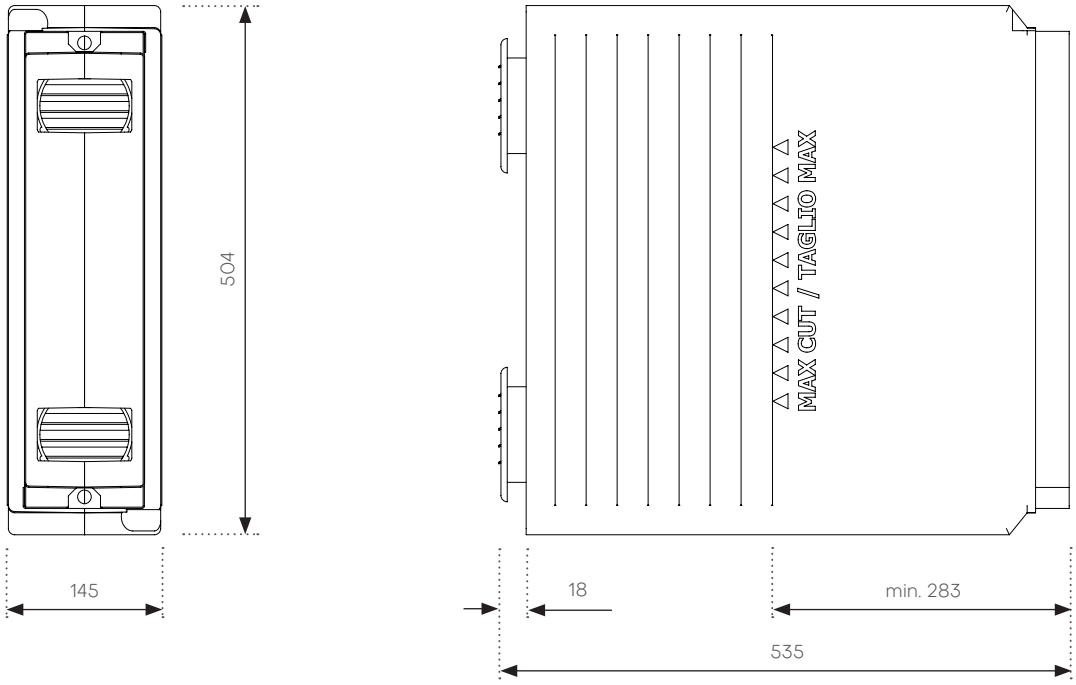




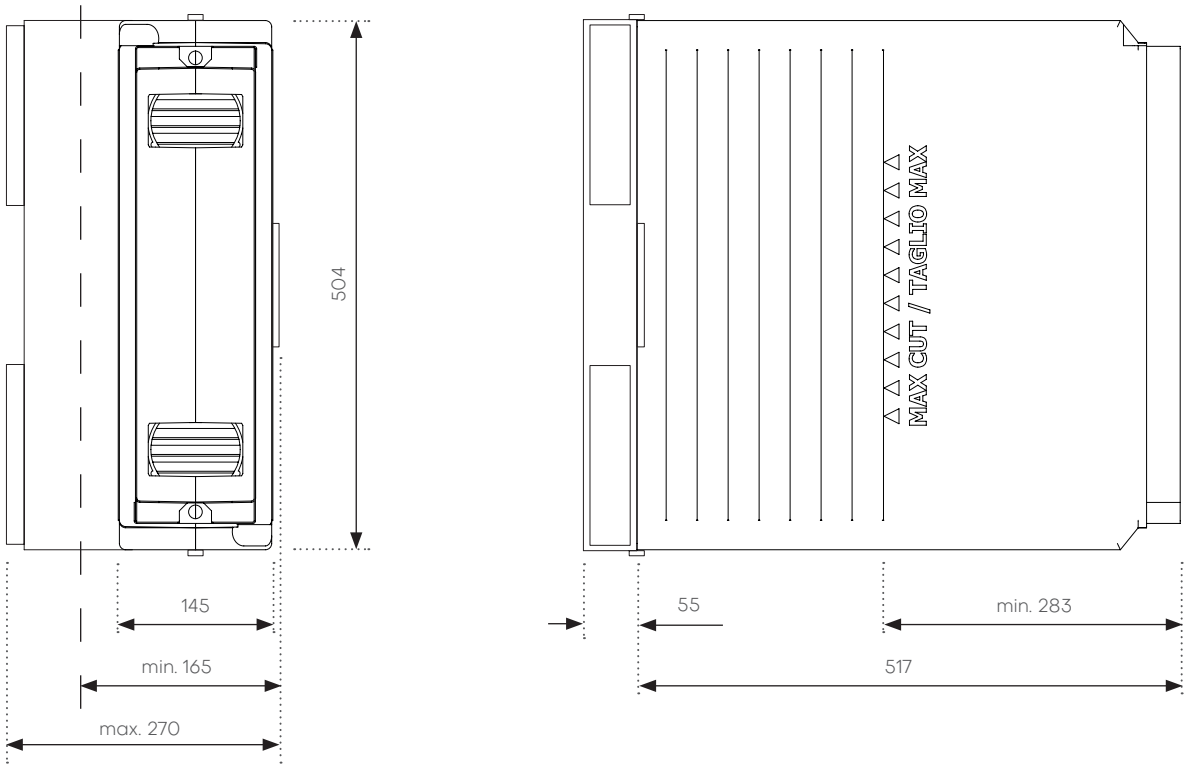
Horizontal orientation not recommended for windows-side outlet.

Dimensional drawings

Flow40
Facade output



Flow40
Window-side outlet



New configurations

Simple, modular, made-to-measure

Helty introduces **a completely revamped configuration system** for Flow40, the flagship model of the range, enabling designers to **create the ideal solution for every construction site** by combining various elements in a modular way:

// external grille outlet
// heat exchanger type
// cover
// sensors
// filter type
// MVHR unit control
// with or without shutters
// with or without shutters and preheating.

This new approach offers an unprecedented range of possibilities to meet every requirement: a **flexible approach** aimed at **simplifying design and reducing complexity on site**, allowing the system to be pre-installed during the building works and completed at a later stage by selecting the unit with all the necessary customisations.

New features: shutters and preheating

The **shutters** activate automatically when the unit is switched off to prevent the entry of cold air. Ideal for installations above the 6th floor or in windy areas. **Preheating**, designed for northern and particularly harsh climates, extends operation down to -25 °C (enthalpy) or -10 °C (sensible).

Flow40 configuration

Heat exchanger type

// **Enthalpy**
cold winters
// **Sensible**
mild winters, vertical installation only

Version

// **Standard**
// **With shutters**
at a height
// **With shutters and preheating**
cold areas

Control position

// **Wall-mounted**
plate 503
// **On-board**
standard

Control type

// **Standard**
// **Cloud**
with app

Cover type

// **Metal**
flush, blind, with keypad
// **Plexiglass**
white, black, blind, with keypad

New configurator for calculating airflows

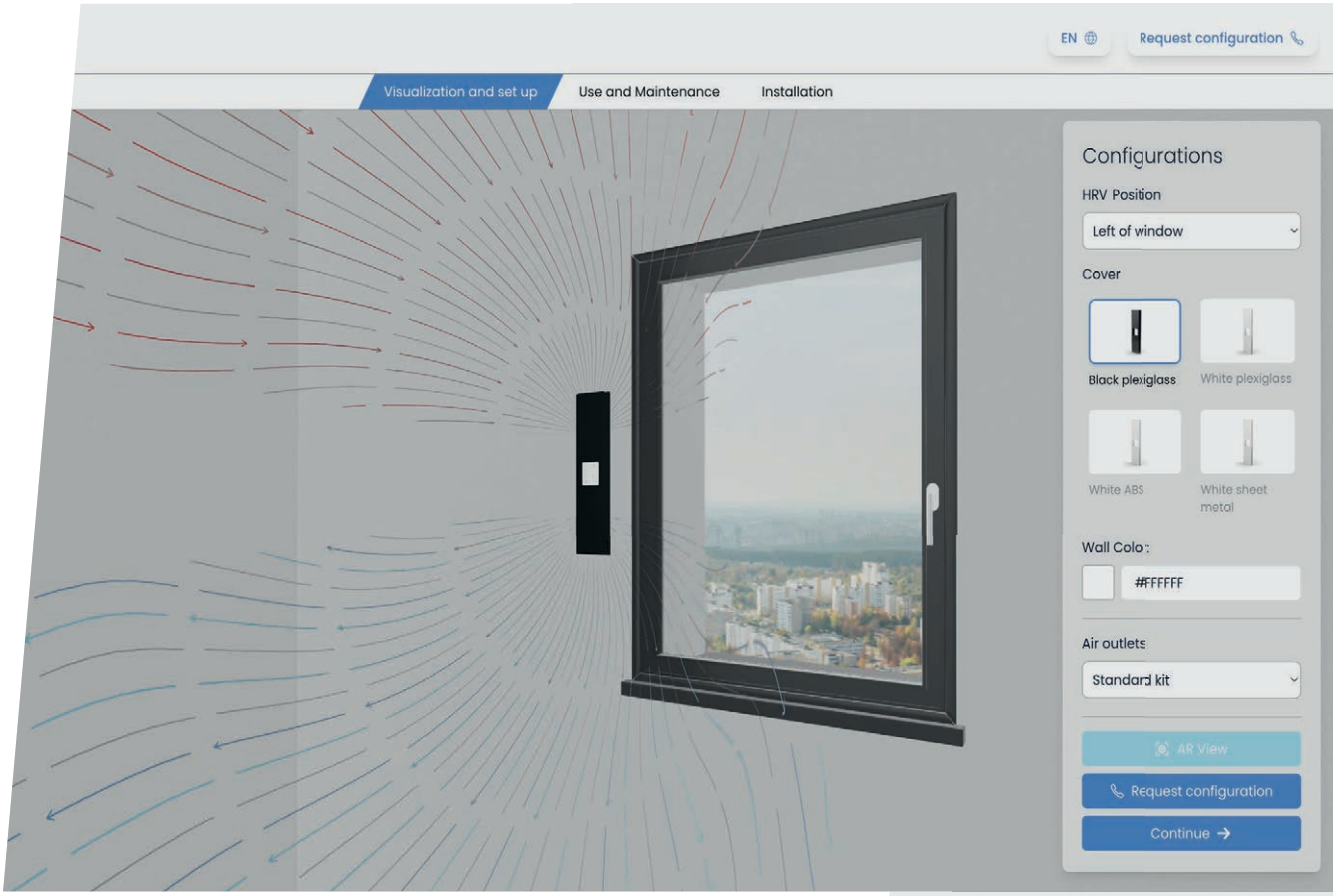
To support the day-to-day work of designers and heating and ventilation engineers, **we have launched a new digital tool designed to simplify and speed up the sizing of decentralised heat recovery ventilation systems**. The configurator has been developed **in accordance with UNI EN 16798** and guides professionals step by step through the process of **determining ventilation airflow rates** based on basic design criteria (location, building class, ventilation class) and the details of individual rooms, in both residential and commercial settings. As well as **facilitating the calculation of air exchange requirements** determined in accordance with technical standards, the configurator **suggests Helty Flow decentralised solutions** and allows you to choose the most suitable ones for each room.

Size your system with the new configuration tool

Experience and 3D Configurator

Would you like to learn more about the Helty Flow40 wall-recessed MVHR and how it can be integrated into your project? Do you need to know in which positions it can be installed and which configurations are available for ventilation grilles? Do you want to know more about the features and maintenance it requires? Go to the site section and discover the new 3D configurator dedicated to Flow40: an interactive experience that allows a virtual tour of the solution and offers a specific focus on the installation, use and maintenance of the MVHR system.

Scan the QR Code and go to the 3D configurator



Flow 120/120H/C120

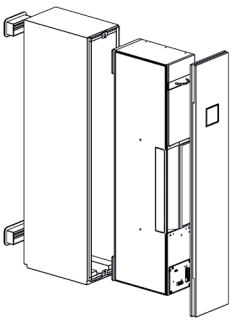
Compact, silent, versatile, also available ducted

Flow120 is the perfect answer for everyday environments that require **more air exchange**, without sacrificing **quietness and comfort**. Versatile and high-performance, Flow120 can be adjusted to four airflow speeds, in addition to night and hyperventilation modes. **The range from 13 m³/h to 120 m3/h** means that it can meet the ventilation needs of modern residential living spaces or small offices. Easy to install, the MVHR unit minimises footprint, with a width of just 16 cm and height of only 92 cm. Also available in **120H version** – for **horizontal installation,** such as underneath a window – Flow120 offers a choice of different covers to blend perfectly into any location. The option with **window-side outlet grilles** enables even more invisible application, with no changes to the appearance of the facade. With installation only in the specific setup for later completion, the unit can be mounted in masonry just 34.5 cm thick. With a **sound power of less than 40 dB(A)** at the working airflow rate (60 m³/h), Flow120 is **remarkably quiet**. It is also efficient, offering a **heat recovery of 88%**. Being compatible with the Helty Home app, the unit can be controlled remotely directly from a smartphone.

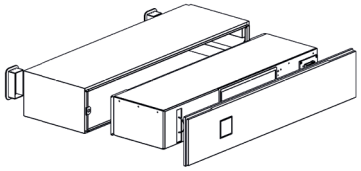
Flow C120: Helty's first ductable MVHR

The **FlowC120** ductable model offers an even more versatile **MVHR system design, serving multiple rooms** within residential units. This version, with **ductable supply and exhaust airflows of up to 8 metres*,** allows separate control of air delivery and suction in installation areas, taking stale air from a bathroom and injecting fresh air into an adjacent room, such as a bedroom. A smart solution, ideal e.g. for three-room apartments, to reduce MVHR system implementation costs and manage **air exchange over adjacent rooms with a single decentralised ventilation unit**.

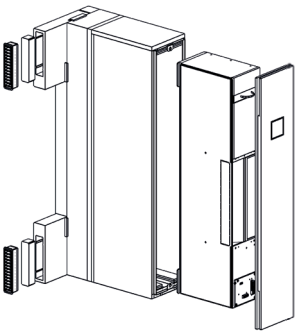
* for details on the dimensions of the ducting see the technical manual



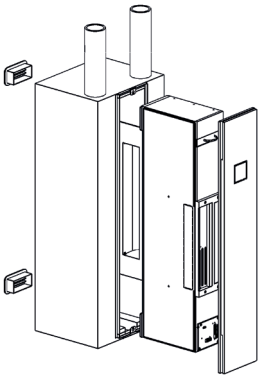
Flow120



Flow120H



Flow120 windows-side outlet



FlowC120

88% Heat recovery efficiency

18.5 dB(A) Minimum sound pressure

120 m^3/h Maximum airflow

ePM2.5 65% (F7) Intake air filtration

-37.6 kWh/m^2a SEC energy consumption (temperate climate)

Energy efficiency class A

MVHR unit technical data

Functions and features	UOM	Flow 120	Flow 120H	Flow C120
Heat exchanger		Enthalpy (1)	Enthalpy (1)	Enthalpy (1)
Night function		●	●	●
Hyperventilation		●	●	●
Filter replacement alert		●	●	●
Comfort function		●	●	●
Humidity sensor		●	●	●
External CO_2/IAQ sensors (2)		compatible	compatible	compatible
Free-cooling / Free-heating		●	●	●
Remote control		option	option	option
Panel LED On/Off		●	●	●
Helty Home app (2)		option	option	option
Tested according to UNI EN 13141-8		●	●	●
Airflow rate	m^3/h	13/30/45/60/80/120(3)		
Flow adjustment		night + 4 stages + hyperventilation		
Power consumption	W	3/6/9/13/16.3/39(3)		
Specific power input	$W/m^3/h$	0.2/0.2/0.2/0.22/0.29/0.46(3)	0.2/0.25/0.26/0.29/0.38/0.61(3)	0.2/0.2/0.2/0.22/0.29/0.46(3)
Supply voltage	V AC	230		
Operating voltage (4)	V DC	24		
Max. current consumption (5)	A	0.3		
Weight	kg	10		
MVHR unit dimensions (W x H x D)	mm	160 x 920 x 286		
Preparation setup dimensions (W x H x D)	mm	190 x 990 x 335	190 x 990 x 335	390 x 990 x 335
Window-outlet preparation setup dimensions (W x H x D)	mm	319 x 1006 x 482	-	-
Installation orientation		vertical	horizontal	vertical
Heat recovery efficiency	%	88/82/75/72/68/57(3)		
Bypass (free cooling/free heating)		electronic automatic		
Sound power (6)	dB(A)	30/31/35/40/47/54(3)		
Sound pressure (7)	dB(A)	18.5/19.5/23.5/28.5/35.5/42.5(3)		
Dn,e,w (facade noise abatement)	dB	45		
Intake filter (8)		ePM2.5 65% (F7)		
Extraction filter (8)		Coarse 60% (G1)		
Modbus RTU rs485		Yes (9)		
Reference climate		cold / temperate / warm		
Energy efficiency class (cold / temperate / hot)		A+ / A / E		
SEC (cold / temperate / warm)	kWh/m^2a	-74.5 / -39 / -16.1		
Kit		card with QR-code digital manuals, power supply, control panel, connection cable, airtight gasket		
STD		**1VMC02007**	**1VMC02014**	**1VMC02009**

1. Counter-flow.
2. With Cloud Control Panel.
3. In hyperventilation mode.
4. The power supply unit provided enables operation with power supply of 230 V AC. To be connected during installation.
5. With 230 V AC supply voltage.
6. According to UNI EN ISO 3744.
7. Measured in a 30 m^2 semi-anechoic environment at a distance of 3 m.
8. UNI EN ISO 16890-1.
9. The control panel functions are lost.

Accessories

Item	120	120H	C120	Code
RJ10 coupler + 5m cable	●	●	●	1VMCA9913
Reverse control panel cover adapter	●	●	●	1VMC99124
Grille adapter 120x60mm-Ø100mm x2	●	●	●	1VMC99058
White BT Living Now adapter for wall control panel	●	●	●	1VMC99096
Black BT Living Now adapter for wall control panel	●	●	●	1VMC99180
PG7 adapter 12mm	●	●	●	1VMC99129
Pipe adapter 120x60mm-Ø100mm x2	-	●	-	1VMC99115
Pipe adapter 120x60mm x2 Flow120H	-	●	-	1VMC99113
IAQ monitor (1)	●	●	●	4VMC00000903
CO_2 monitor (1)	●	●	●	4VMC00000902
Filter Coarse 60% (G1) x10	●	●	●	1VMC06014
Filter Coarse 60% (G1) x5	●	●	●	1VMC06015
Activated carbon filters ePM1 80% (F9) x10	●	●	●	1VMC06019
Activated carbon filters ePM1 80% (F9) x5	●	●	●	1VMC06018
Filters ePM2.5 65% (F7) / Coarse 60% (G1) x10	●	●	●	1VMC06012
Filters ePM2.5 65% (F7) / Coarse 60% (G1) x5	●	●	●	1VMC06013
External grilles 120x60mm	●	●	●	1PVCVMC00009
Horizontal external grilles + hood 120x60mm	●	●	●	1VMC99128
Slim external grilles + net	●	-	-	1VMC00000237
Vertical external grilles + hood 120x60mm	●	●	●	1VMC99127
Setup insulation Flow120	●	●	●	1VMC99103
Protection panel Flow120	●	●	●	1VMC99116
60mm extension sheet metal panel	●	●	●	1VMC99069
Ceiling support brackets Flow120H	-	●	-	1VMC99114
IR remote control	●	●	●	4VMC00000900
Pipe 120x60mm L370mm x2	●	●	●	1VMC99054

1. Requires Cloud control panel.

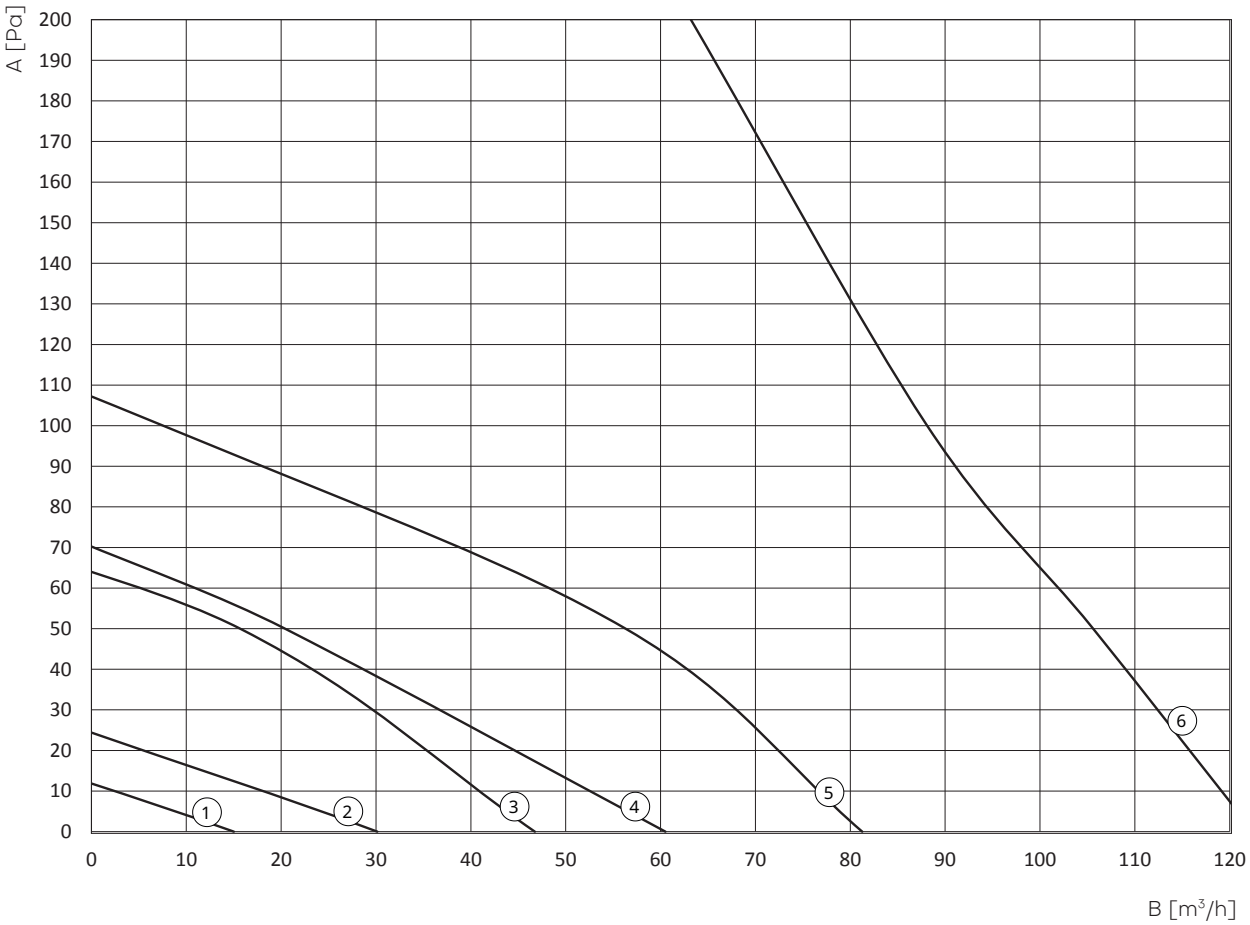
Type of control

Item	Installation type	Wi-Fi	Note	Code
EB remote STD control panel + 5m cable	remotely mounted on a flush-mounted box	No	for blind or flush covers	1VMC99201
EB remote Cloud control panel + 5m cable	remotely mounted on a flush-mounted box	Yes	for blind or flush covers	1VMC99202
EB concealed Cloud control panel Flow120	on board the machine, hidden	Yes	for blind covers	1VMC99208
EB Cloud control panel + 800mm cable	on board the machine, visible	Yes		1VMC99210
EB STD control panel + 1m cable	on board the machine, visible	No		1VMC99215
EB black STD control panel + 1m cable	on board the machine, visible	No		1VMC99242
EB black Cloud control panel + 800mm cable	on board the machine, visible	Yes		1VMC99244

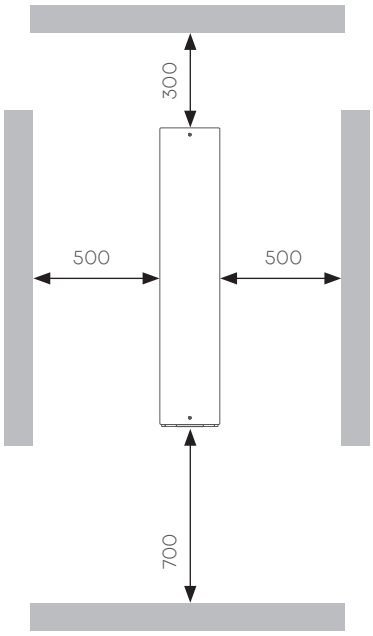
Flow-head charts

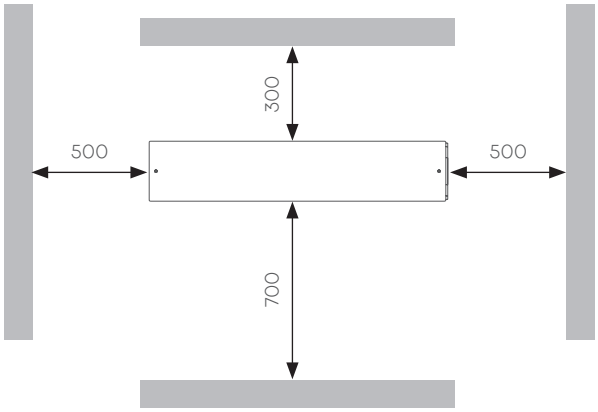
A Head
B Flow rate

1 Super-minimum speed (night)
2 Speed 1
3 Speed 2
4 Speed 3
5 Speed 4
6 Hyperventilation



Recommended buffer zones

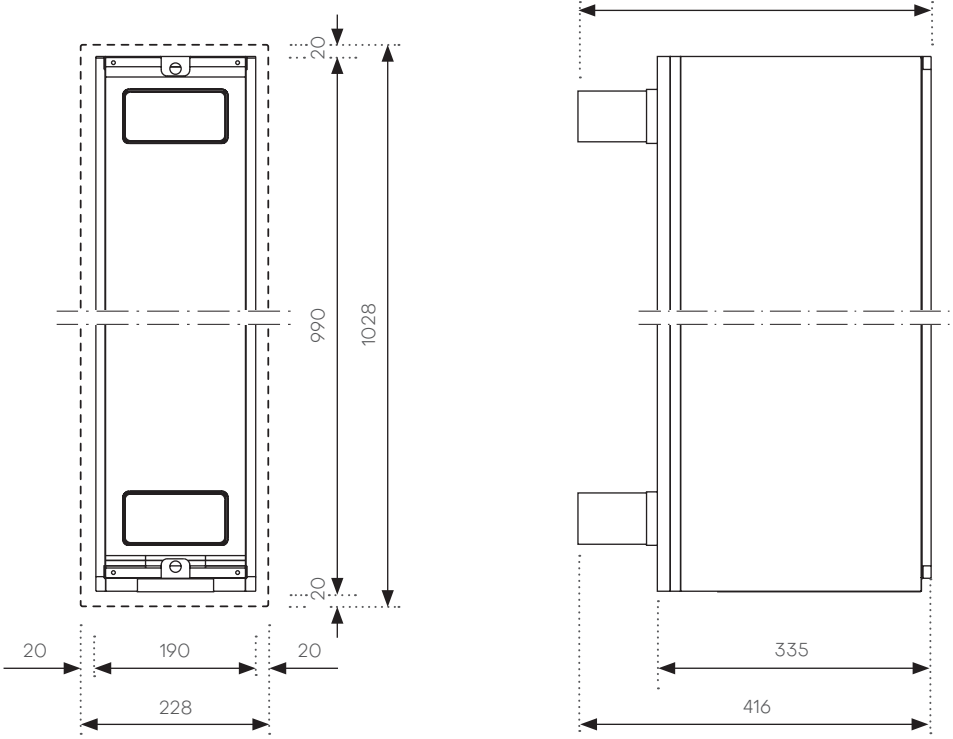




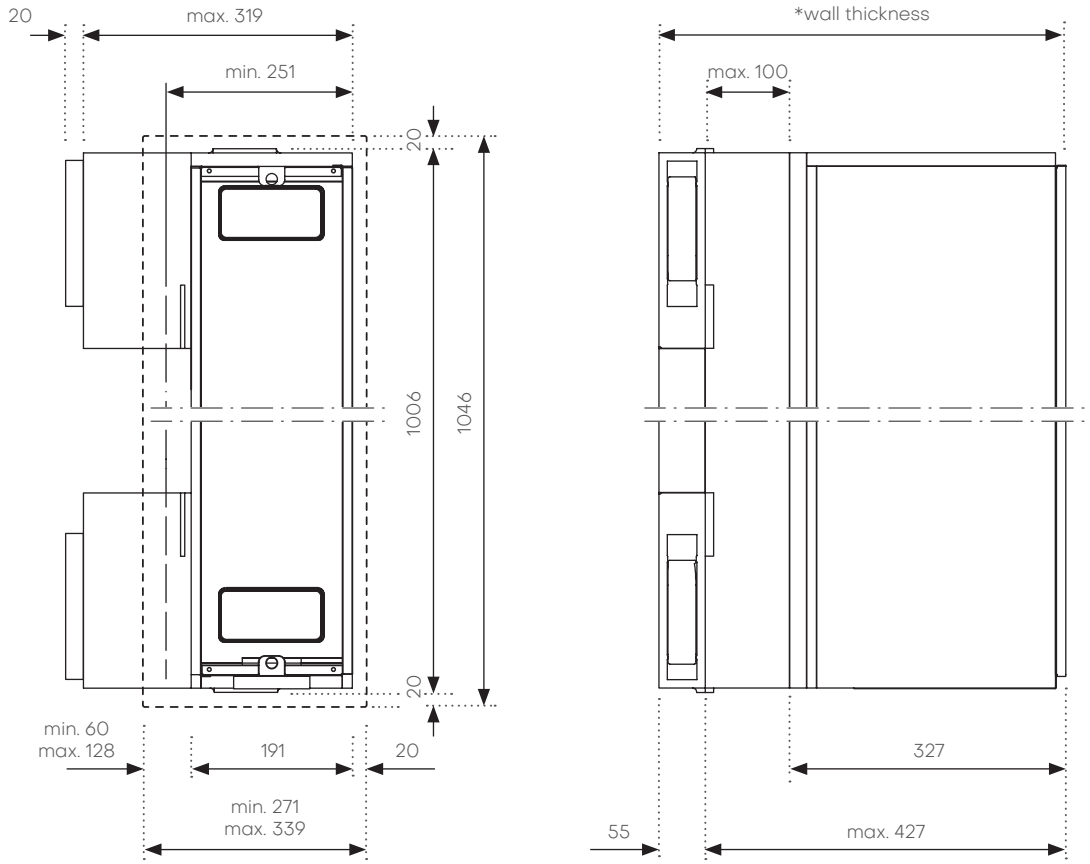
Orientation horizontal solo per model Flow120H.

Dimensional drawings

Flow120/120H

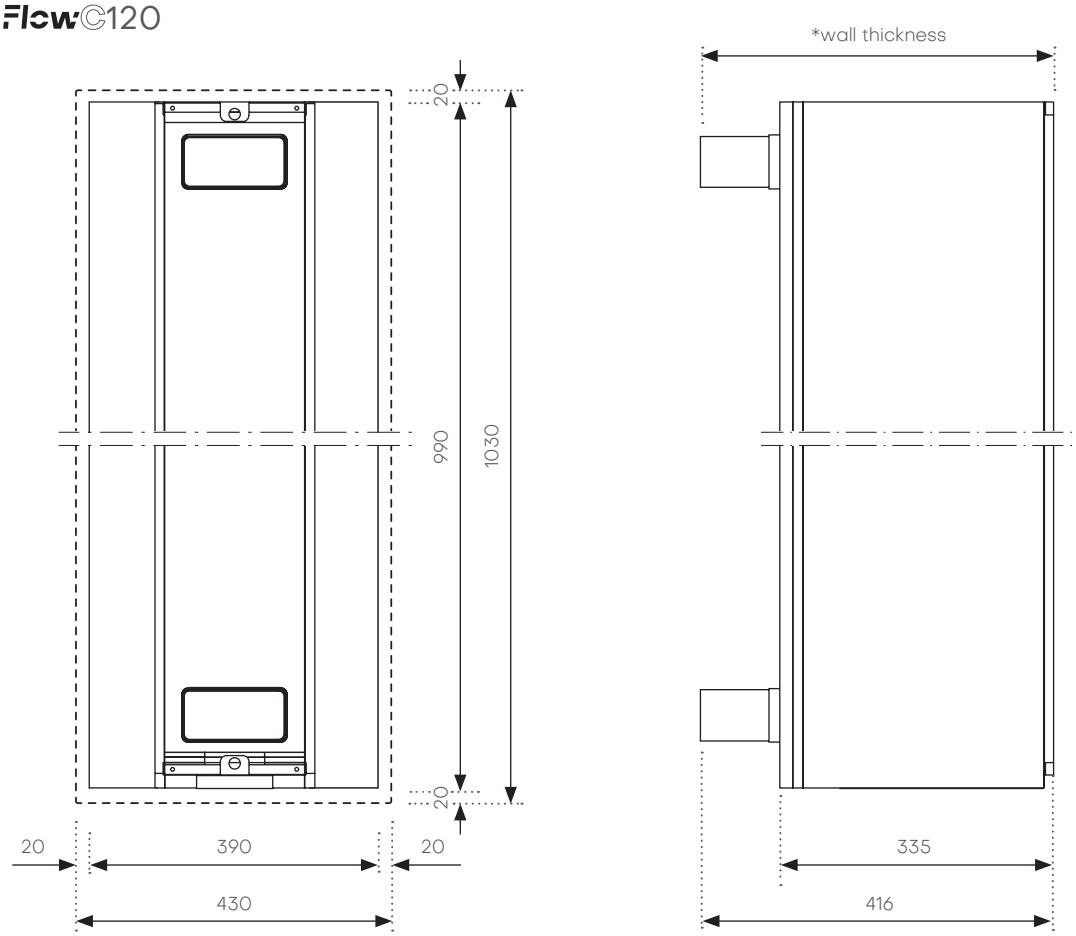


FlowC120



Dimensional drawings

FlowC120



Flow120 configuration options

Installation type

// **Vertical**
// **Horizontal**

Control position

// **Wall-mounted**
plate 503
// **On-board**
standard

Control type

// **Standard**
// **Cloud**
with app

Cover type

// **Metal**
blind, with keypad
// **Plexiglass**
white, black, blind, with keypad

Example diagram of an MVHR system in a three-room flat managed with the FlowC120 ductable, wall-recessed system. Air supply and return can be partitioned off to other rooms adjacent to the one in which the recessed unit is installed.

Customisable cover to harmonise with any furnishing style

The Flow40 and Flow120 offer a new range of customisation options, with a choice of black or white plexiglass covers, or white pre-painted sheet metal covers, both either blind or with an integrated keypad, to blend seamlessly with the style of any room. The plexiglass variant has a convenient magnetic clip system for easy filter inspection and replacement.

A new flush-mounted cover is available exclusively for Flow40 for a design solution that allows the Helty MVHR to blend in perfectly with any setting, without trade-offs.

Wall-recessed MVHR

The preparation for installing Helty Flow MVHR units is a three-step process:

1. make a rectangular hole in the wall according to the shape required by the type of unit to be installed;
2. install the preparation setup in the wall, including external air vents, and seal the perimeter of the preparation with flexible polyurethane foam;
3. insert the MVHR unit and connection to the power supply and position the inner cover.
4. Condensate drainage must be managed in versions with a sensible heat recovery unit.

See the instruction manual for more details.
The preparation setup can be purchased separately to be inserted into the masonry already at the construction site; it can also be completed later with the installation of the MVHR unit and cover.

Slim grille accessory

The Flow40 model with windows-side outlets can also be configured with 40x180 mm slim external grilles (using an accessory kit).

MVHR for energy upgrades

Patented MVHR system installed in the exterior cladding, with no impact on the facade

Model	Flow:MANHATTAN					
Version	LH STD	RH STD	LH Pure	RH Pure	LH Elite	RH Elite
Night function	●	●	●	●	●	●
Hyperventilation	●	●	●	●	●	●
Filter replacement alert	●	●	●	●	●	●
Humidity sensor	–	–	●	●	●	●
CO_2 and VOC sensor	–	–	–	–	●	●
Remote control	●	●	●	●	●	●
Control panel Removable STD	compatible	compatible	compatible	compatible	compatible	compatible
Control panel Removable cloud	compatible	compatible	compatible	compatible	compatible	compatible
Panel LED On/Off	●	●	●	●	●	●
Helty Home app [1]	compatible	compatible	compatible	compatible	compatible	compatible
Code	**1VMC05004**	**1VMC05000**	**1VMC05005**	**1VMC05002**	**1VMC05006**	**1VMC05003**

1. Included with remote Cloud Control Panel.

FlowMANHATTAN®

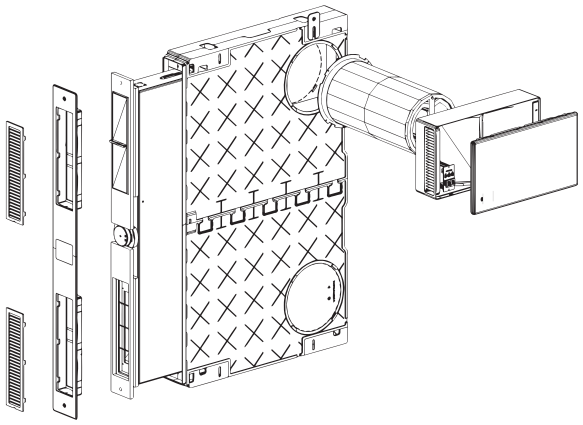
Patented
IT202000022837

A revolutionary decentralised MVHR installed "under the skin" in the exterior cladding

FlowMANHATTAN reinvents decentralised ventilation for individual rooms offering a solution to designers and builders **in which the MVHR unit is camouflaged in the external cladding layer.** The airflow grilles, which are arranged on the side of the window, respect the architectural profile of the building **and avoid any impact on the facade. The internal impact is also minimal** with a particularly compact diffuser design. The intake and extraction airflows, separated by a special septum, pass through a **single 160 mm coring hole.** The formwork, which is fixed to the external masonry when the exterior cladding is installed, makes it possible to prepare for **MVHR system installation** and complete it at a later stage with the ventilation unit if required. The dual-flow MVHR unit extracts stale air from the indoor environment and introduces **new, oxygenated and clean air through special ePM2.5 65% (F7) filters** as standard. Ventilation speeds are variable as required with **maximum airflow rate of 70 m³/h.** The enthalpy heat exchanger allows **recovery of up to 70% of the heat in the extracted air by pre-heating the fresh airflow.**

Standard, Plus, Elite versions and control from the app

The most equipped versions integrate a **hygrometric sensor, CO_2 and VOC sensors** on board the MVHR unit to monitor indoor air quality parameters, as well as a removable control panel and the possibility of **remote control** via the **Helty Home app.** Also an ideal solution for the hospitality sector with Modbus connectivity and BMS (Building Management System) integrations.



Sensors for automatic humidity, CO_2 and VOC management

Modbus RTU rs485 integration

Remote panel for controlling the unit and setting functions

70% Heat recovery efficiency

16.5 dB(A) Minimum sound pressure

70 m^3/h Maximum airflow

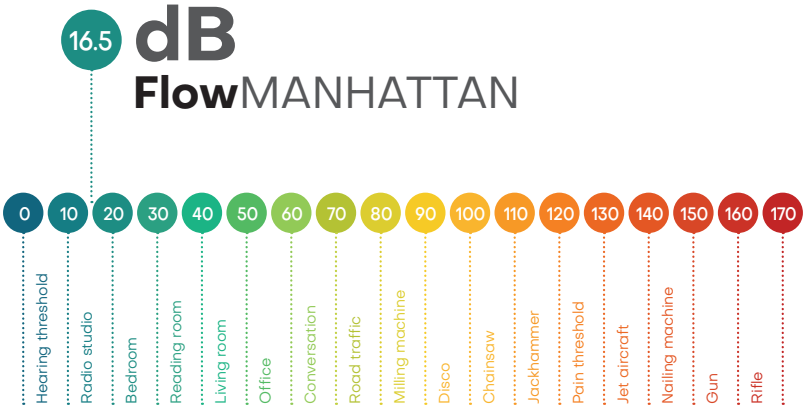
ePM2.5 65% (F7) Intake air filtration

-35.4 kWh/m^2a SEC energy consumption (temperate climate)

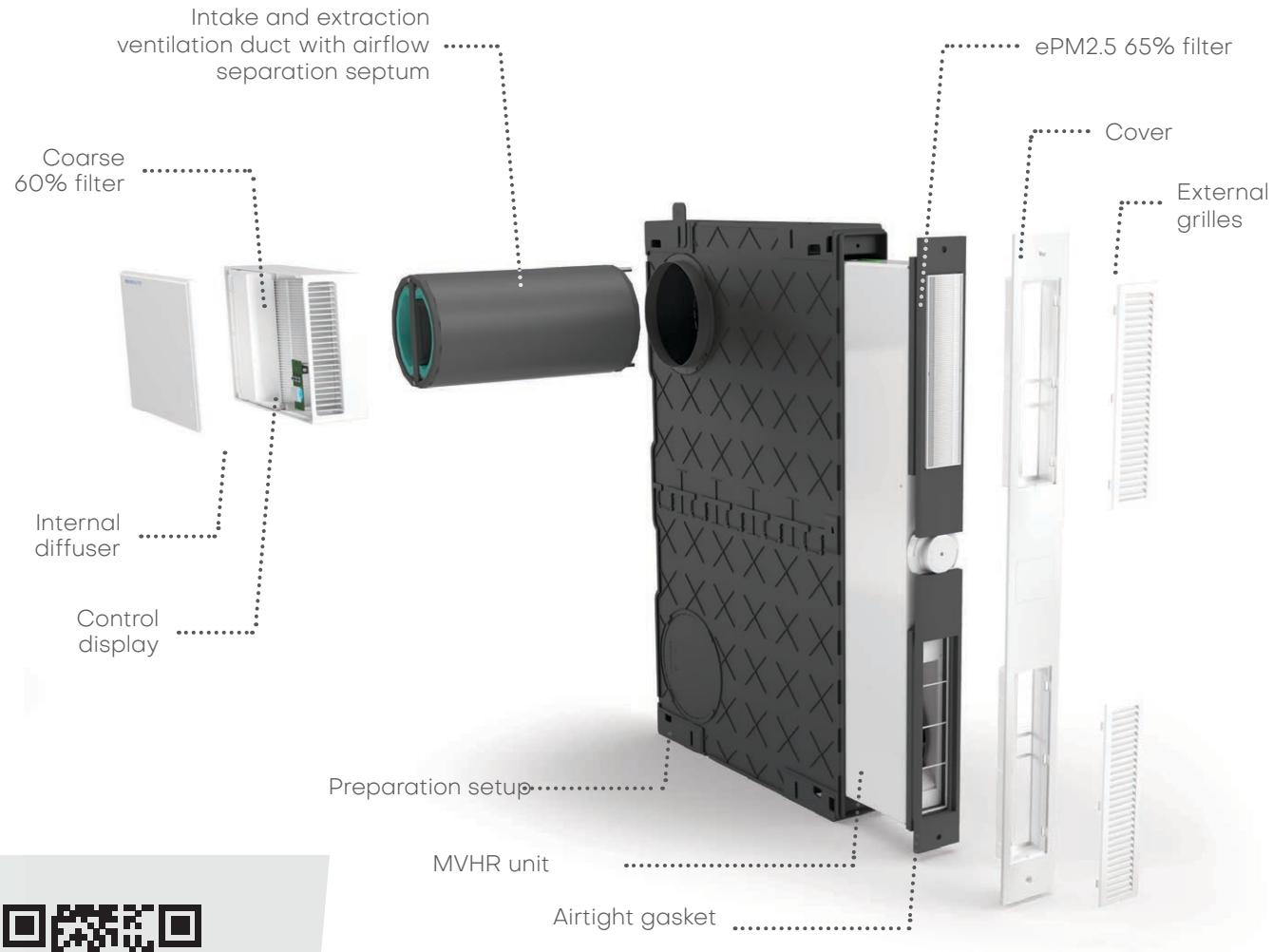
Energy efficiency class A

Installation totally from the outside while installing the exterior cladding.

A completely external solution, which has minimal impact on the design of the house and guarantees the highest levels of acoustic comfort



By placing the MVHR unit in the outer edge of the masonry, inside the insulating cladding, Helty Flow MANHATTAN ensures a **sound performance that provides optimal acoustic comfort,** with a sound pressure of 16.5 dB at minimum speed.



Frame the QR Code and watch the video on FlowMANHATTAN

Technical data

Functions and features	**UOM**	Flow MANHATTAN					
Version		LH STD	RH STD	Plus SX	Plus DX	LH Elite	RH Elite
Night function		●	●	●	●	●	●
Hyperventilation		●	●	●	●	●	●
Filter replacement alert		●	●	●	●	●	●
Humidity sensor		–	–	●	●	●	●
CO_2 and VOC sensor		–	–	–	–	●	●
Remote control		●	●	●	●	●	●
Control panel Removable STD		option	option	option	option	option	option
Control panel Removable cloud		option	option	option	option	option	option
Panel LED On/Off		●	●	●	●	●	●
Helty Home app [1]		option	option	option	option	option	option
Remote Control Panel		optional (compatible with 503 electrical box)					
Airflow rate	m^3/h	20/25/30/40/50/70[2]					
Flow adjustment		night + 4 stages + hyperventilation					
Power consumption	W	5/6/7/9.5/13/29[2]					
Specific power input		0.25/0.24/0.23/0.24/0.26/0.49[2]					
Supply voltage	V AC	230					
Operating voltage [3]	V DC	24					
Max. current consumption [4]	A	035					
Weight	kg	7					
MVHR unit dimensions (W x H x D)	mm	460 x 740 x 65					
Preparation setup dimensions (W x H x D)	mm	512 x 826 x 88					
Internal diffuser dimensions (W x H x D)	mm	325 x 185 x 85					
Heat exchanger		enthalpy cross-flow					
Heat recovery efficiency	%	70/64/58/58/57/56[2]					
Bypass (free cooling/free heating)		manual electronic					
Sound power [5]	dB(A)	28/31/36/43/48/56[2]					
Sound pressure [6]	dB(A)	16.5/19.5/24.5/31.5/36.5/44.5[2]					
Dn,e,w (facade noise abatement)	dB	51					
Intake filter [7]		ePM2.5 65% (F7)					
Extraction filter [7]		Coarse 60% (G1)					
Modbus RTU rs485		Yes [8]					
Reference climate		cold / temperate / warm					
Energy efficiency class (cold / temperate / hot)		A+ / A / E					
SEC (cold / temperate / warm)	kWh/m^2a	-67.7/-35.4/-14.3					
Kit		installation manual, MVHR filter, airtight gaskets, remote control with batteries					
Code		**1VMC05004**	**1VMC05000**	**1VMC05005**	**1VMC05002**	**1VMC05006**	**1VMC05003**

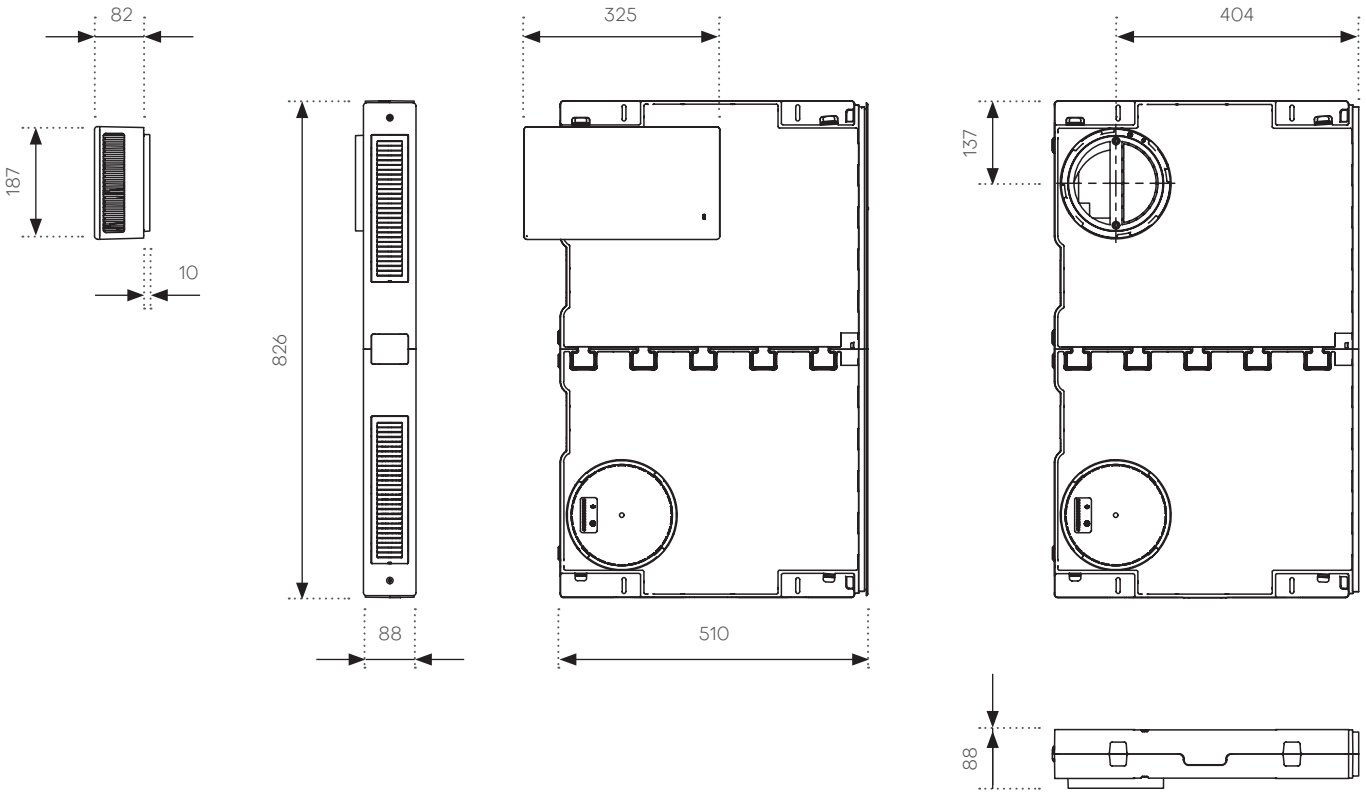
1. Including remote Cloud control panel.
2. In hyperventilation mode.
3. The power supply unit provided enables operation with power supply of 230 V AC. To be connected during installation.
4. With 230 V AC supply voltage.
5. According to UNI EN ISO 3744.
6. Measured in a 30 m^2 semi-anechoic environment at a distance of 3 m.
7. UNI EN ISO 16890-1.
8. The Cloud control panel functions are lost.

Accessories

Item	Code
RJ10 coupler + 5m cable	1VMCA9913
White BT Living Now adapter for wall control panel	1VMC99096
Black BT Living Now adapter for wall control panel	1VMC99180
IAQ monitor [1]	4VMC00000903
CO_2 monitor [1]	4VMC00000902
External cover FlowMANHATTAN	1VMC06002
Internal diffuser FlowMANHATTAN	1VMC06005
Empty internal diffuser	1VMC06004
Installation template FlowMANHATTAN	1VMC06001
Filters ePM2.5 65% (F7) / Coarse 60% (G1) x10	1VMC06009
Filters ePM2.5 65% (F7) / Coarse 60% (G1) x30	1VMC06010
EV remote Cloud control panel + 5m cable	1VMC06011
EV remote STD control panel + 5m cable	1VMC06006
Setup FlowMANHATTAN	1VMC06000
Internal hole cover rosette Ø160mm	1VMC06003
IR remote control	4VMC00000900
Pipe extension L150mm	1VMC06007

1. Requires Cloud control panel.

Dimensional drawings



IAQ sensors Indoor Air Quality

Intelligent technology for indoor air quality monitoring

Comprehensive, customisable air quality control without compromise: this is what the new **range of Helty sensors** do. Designed to **detect and monitor the main pollutants present in the home and work environments,** Helty IAQ Sensors are easy to install and use. They allow **constant monitoring of the main air quality parameters,** helping to improve the health, comfort and productivity of the people who live or work in enclosed spaces.

The line consists of devices that meet different needs:

CO_2 monitor

For specific control of **humidity, internal temperature and carbon dioxide parameters.**

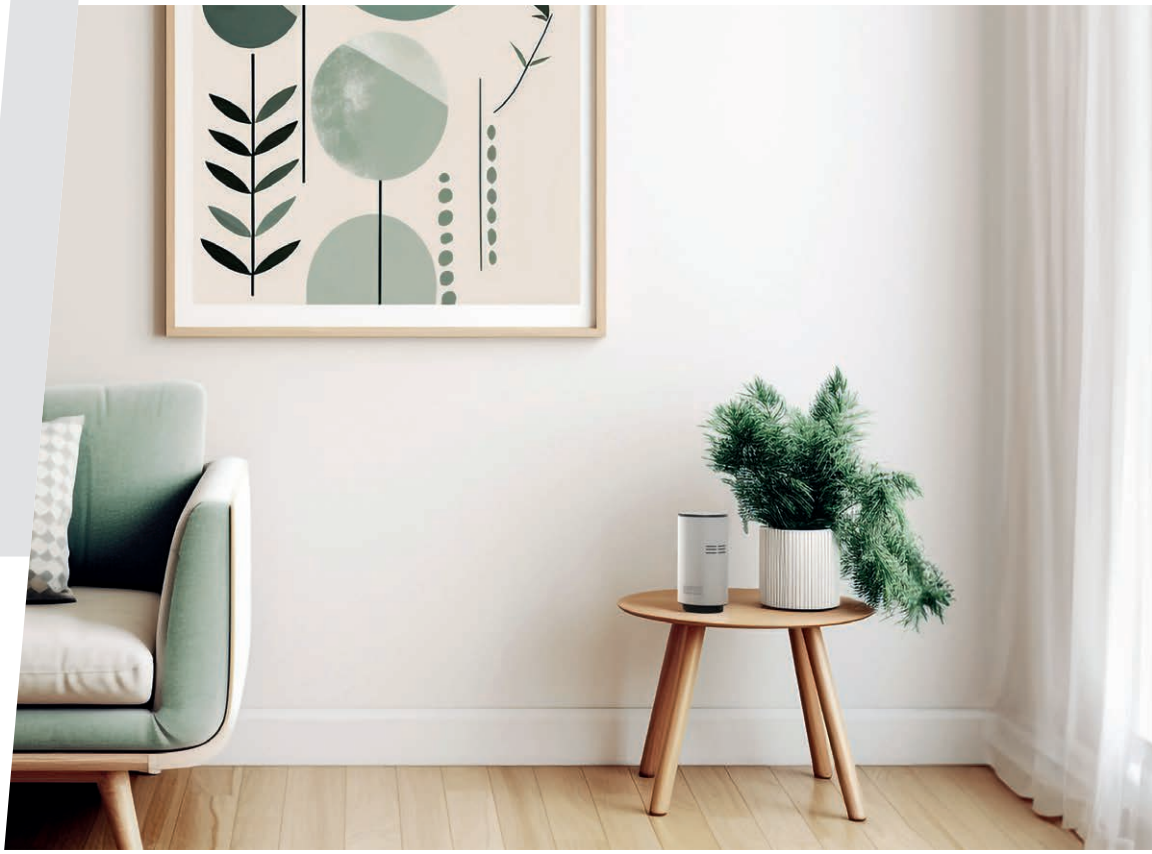
IAQ monitor

Indispensable for comprehensive IAQ monitoring, it includes – in addition to CO_2 sensor parameters – the **detection of PM1/2.5/10 particulates**, and specific levels of **TVOC and formaldehyde pollutants**.

Radon monitor

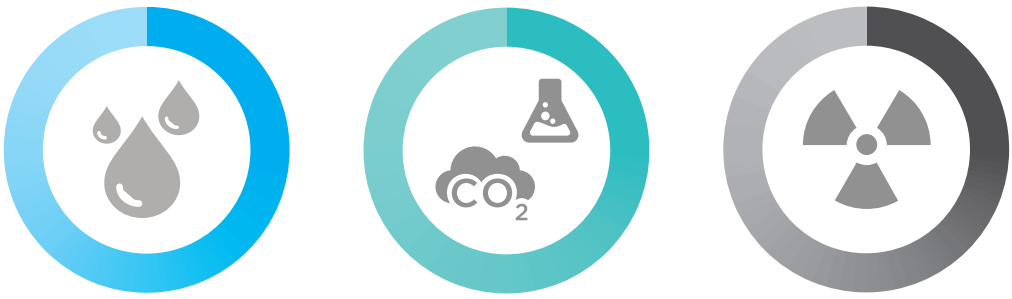
Designed for accurate monitoring of **radon gas concentration levels** in a confined environment*.

** It is always advisable to consult a technician specialising in radon gas mitigation when planning the installation.*



Data and insight always within reach of the app

Compatible with all MVHR units equipped with a cloud panel, Helty IAQ sensors integrate perfectly with heat recovery ventilation systems, facilitating optimal management of indoor air quality. With the **Helty Home app,** it is also possible **to monitor the detected parameters in real time, set customised scenarios** and program automatisms based on user-defined intervention thresholds. It is an indispensable tool for anyone wishing to improve the quality of life in the home or office, offering advanced support for controlling pollutants and creating a healthy and comfortable environment.



Controls

Many control options, maximum ease of use

Helty MVHRs are designed for maximum ease of use, thanks to a simple user interface and many control options. The **control panel** integrated into the cover can be used to manage all the main functions – ventilation speed, night mode, hyperventilation and free-cooling – with a single press*.
For those who prefer a control panel separate from the unit, the **Cloud control panel** (optional, to be fitted on the 503 electrical box) offers the same ease of use in a discreet, stylish design, ideal for any room. With the Cloud panel, you can also enjoy "full remote" control of the units via the **Helty Home mobile app**. Finally, the **infrared remote control** – fitted as standard on the wall-mounted MVHR range and available as an option on other models – offers the freedom to control the unit remotely, without having to go near the appliance.
Three solutions designed to suit every need and lifestyle, so that indoor air quality is always under control, without ever compromising on comfort.

Control panel integrated into the cover

Infrared remote control

Control panel fitted on the 503 electrical box

* *Some functions are not available on the simplified control panel of FlowEASY and Flow30.*

Functions

Filter alarm reset**
This can be used to reset the filter replacement alarm after filters have been replaced, switching off the corresponding indicator LED.

Ventilation adjustment
It allows the four different air exchange speeds to be set according to the ventilation needs of the room.

Night function
This sets the MVHR to a minimum ventilation speed and reduces the intensity of the LEDs to have a continuous and silent air exchange ensuring quality sleep. With a long press, the LEDs can be switched off completely.

Hyperventilation
This increases the airflow rate to the maximum so as to achieve faster air exchange and ventilate a room for short periods at maximum performance.

Free Cooling / Free Heating
Intelligent technology that allows natural cooling of the indoor environment. If the external air has a lower temperature than the inside air, the MVHR system cuts off the heat recovery function before feeding the air into the environment to maintain the best thermal condition. This introduces naturally fresh air into indoor spaces for natural air conditioning. This technology is especially useful in the summer and mid-season at night, when the outdoor temperature is more comfortable. On the contrary, Free Heating allows, in mid-season or on warm winter days, to make use of the warmer external air.

Filter replacement alarm
It warns when it is time to replace the filter to safeguard the performance of the unit.

Comfort function**
Detects indoor and outdoor temperatures, compares the measured values and, if there is a significant difference, automatically adjusts the ventilation speed to optimise heat recovery.

** *This function cannot be activated using the infrared remote control*

Helty Home app

MVHR management has never been so smart!

Helty Home is the new **mobile app that enables simple and user-friendly management of MVHR units directly from a smartphone or tablet.** Designed to allow the user to **control** heat recovery ventilation systems **remotely and integrally**, Helty Home offers the possibility of differentiating air exchange on the individual unit and on the individual home environment for maximum comfort at a single touch. The refreshed graphical user interface makes using the Helty Home app even smarter, with user-friendly layouts that put all information at your fingertips.

The application can be combined with a range of optional sensors for uncompromising indoor health in addition to monitoring humidity, temperature and indoor air quality parameters. The special Radon function, for compatible MVHR models, can **monitor radon gas concentrations in rooms.** In combination with the optional sensors, Helty Home becomes an indispensable tool for effectively managing ventilation units with internal intelligence that automatically manages the airflow rate to dilute the presence of the pollutant and effectively mitigate the risk.

Helty app download

The Helty Home app is available on the Apple Store for the IOS operating system and on the Google Play Store for the Android operating system.

Scarica su App Store

DISPONIBILE SU Google Play

It allows the operation of MVHRs to be controlled and set remotely.

This indicates air quality data: humidity, temperature, VOC and CO_2, Radon (in combination with optional external sensors).

It also allows all MVHRs to be controlled simultaneously.

Highlights and functions

// Ventilation control
// Environmental parameter monitoring (humidity, temperature, particulates, VOC, CO_2)
// Scenario programming with schedule and intervention thresholds
// Remote control of several units simultaneously
// Alerts through alerts

Filters and spare parts

Helty Flow ductless systems make changing the filter a breeze

The user simply needs to **replace the air filter,** appropriately indicated by the LED on the unit or the app and **reset the filter alarm**.
For all wall-mounted, wall-recessed and upgrade MVHR systems, this operation, which is needed on average after 6-8 months, can be managed independently by the user and takes just a few minutes. The filter alarm must be reset after changing the filters.

ESG: well-being and sustainable development

Choosing Helty means choosing a technology that not only improves living comfort and facilitates energy savings, but has been created with a minimal ecological footprint, **for a sense of well-being that looks to future generations.** The quality of the air we breathe is inextricably linked to the **health of the planet** we inhabit. For Helty, sustainability is not merely an abstract concept, but rather a strategic lever that guides every decision. As part of the Alpac Group, we have embarked on a **path of responsible evolution that integrates ESG (Environmental, Social, Governance)** criteria at the heart of our business model. We want to build a sustainable future that **combines technological innovation with a deep respect for the environment and a focus on people.**

A real, measurable commitment

Through the publication of our **Sustainability Report**, we make our commitment to reducing our environmental impact and ensuring transparent governance processes visible and measurable, working to generate lasting value not only for our customers but for the entire community. We adopt a rigorous **eco-design** approach, prioritising the use of certified, recycled and recyclable raw materials. We monitor greenhouse gas (GHG) emissions to optimise production processes and **reduce energy waste. The well-being of our employees** is at the heart of our corporate strategy: we promote safe, inclusive and stimulating work environments, where professional growth and **gender equality** are absolute priorities. This ethical commitment also extends externally, through the careful selection of partners. We collaborate with a **responsible supply chain**, prioritising suppliers who share our ESG values.

Find out more

HELTY®

Pure air for your home

Healthy breathing in every room

#healthybreathing

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Helty Srl – Alpac Group – Via Lago di Vico, 50 – 36015 Schio (VI) Italy
T +39 0445 16.70.174 F +39 0445 16.70.175 – info@heltyair.com