Flow PLUS

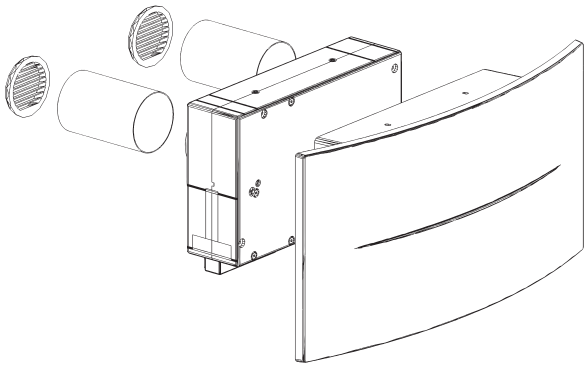
Automatic and silent

Helty FlowPLUS is a continuous dual-flow point HRV with **enthalpy heat recovery** and high-performance air filtration. The unit is equipped with an on-board **hygrometric sensor for monitoring the humidity level and automatically adjusting the ventilation** to counteract condensation and mould formation. Characterised by a **streamlined, essential style,** it is easily installed on perimeter masonary without invasive intervention.

Fitted with an enthalpy heat exchanger, the system **recovers up to 91% of the heat** from the outgoing air, using it to heat the incoming air before feeding it into the rooms. With a **sound pressure of 18dB at minimum speed,** it is incredibly quiet. The night function makes it undetectable while sleeping.

Humidity always under control

In addition to the panel and remote control, the HRV unit can be managed remotely using the Helty Home app. The new mobile application can be used to regulate the operation of the unit and keep the indoor temperature and humidity values under control at all times.



Humidity sensor for automatic ventilation adjustment.

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

91% Heat recovery efficiency

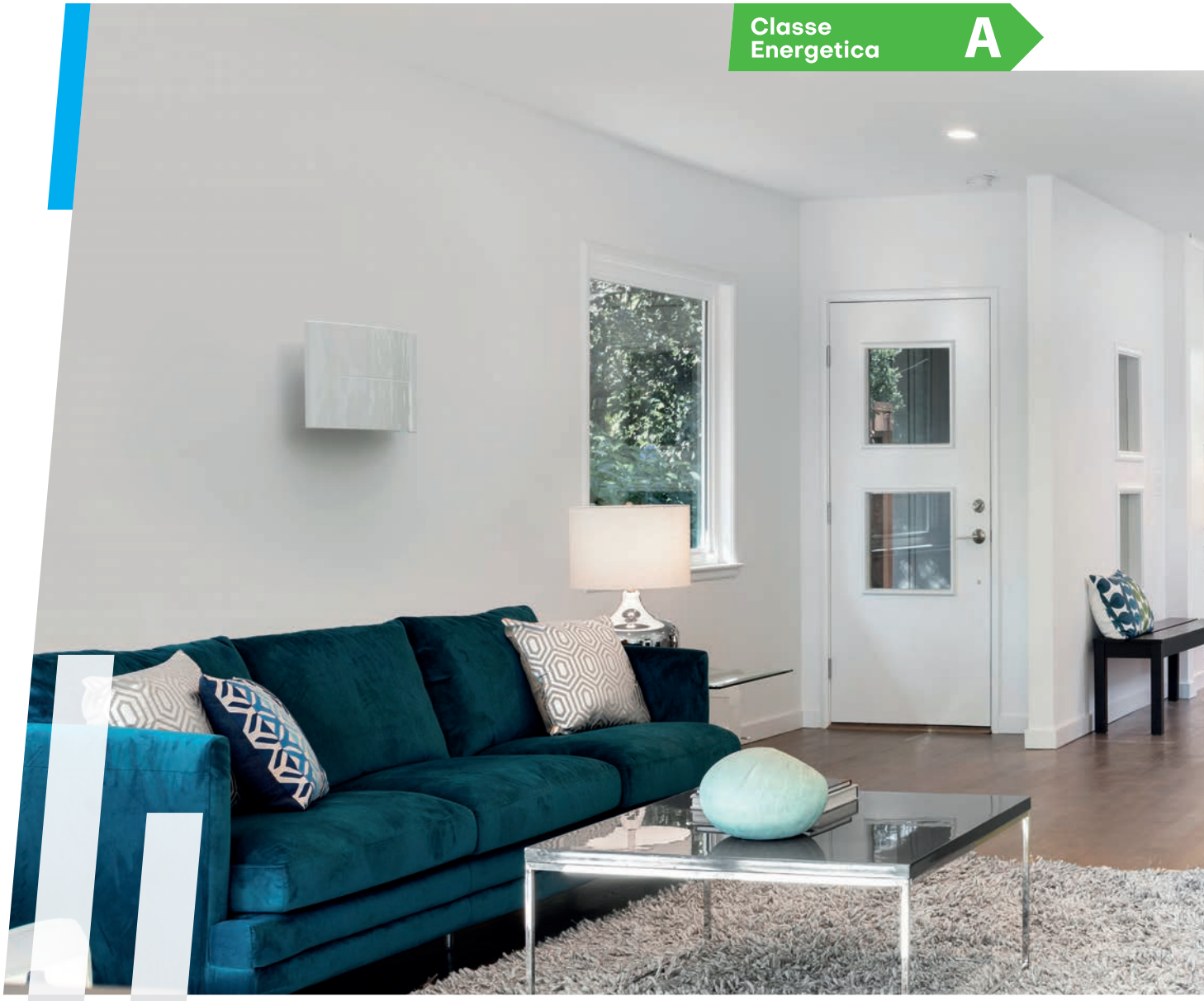
18 dB(A) Sound pressure

42 m^3/h Maximum airflow

ISO Coarse 90% + ePM2.5 65% Intake air filtration

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

Classe Energetica A



Technical data

Functions and features	UOM	FlowPLUS
Night function		●
Hyperventilation		●
Filter replacement alert		●
Humidity sensor		●
Color Trust		●
IR remote control		●
On/Off LED panel		●
Helty Home App		●
Control Panel		on-board
Airflow rate	m^3/h	10/17/26/37/42[1]
Flow adjustment		4 stages + hyperventilation
Power consumption	W	3.6/5.5/9/17.5/20[2]
Supply voltage	V AC	230
Max. current consumption [2]	A	0.17
Weight	kg	8
Product dimensions (W x H x D)	mm	695 x 353 x 152
Coring holes	mm	2x Ø80
Installation orientation		horizontal and vertical
Heat exchanger		enthalpy with cross-flow countercurrent
Heat recovery efficiency	%	91
Bypass (free cooling/free heating)		manual electronic
Sound power level [3]	dB(A)	29.5/39.9/42/50.7
Sound pressure [4]	dB(A)	18/23.4/30.5/39.2
Dn,e,w (facade noise abatement)	dB	45
Intake filter		ISO Coarse 90% + ePM2.5 65%
Extraction filter		ISO Coarse 70%
Modbus RTU rs485		Yes [5]
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
Leakage rate [6]		U1
Sensitivity to pressure variations [6]		S1
Internal/external air tightness [6]		N/A
Kit		installation manual, user manual, installation template, HRV filter, 2 white external grills, 2 air ducts (Ø80, 500mm), wall mounting kit, IR remote control with batteries
Code		**1VMC01012**

1. In hyperventilation mode
2. With 230 V AC supply voltage
3. According to UNI 3744:2010
4. Measured in a 30 m^2 semi-anechoic environment at a distance of 3 m
5. The Cloud control panel functions are lost
6. In accordance with EN 13141-8:2014-09

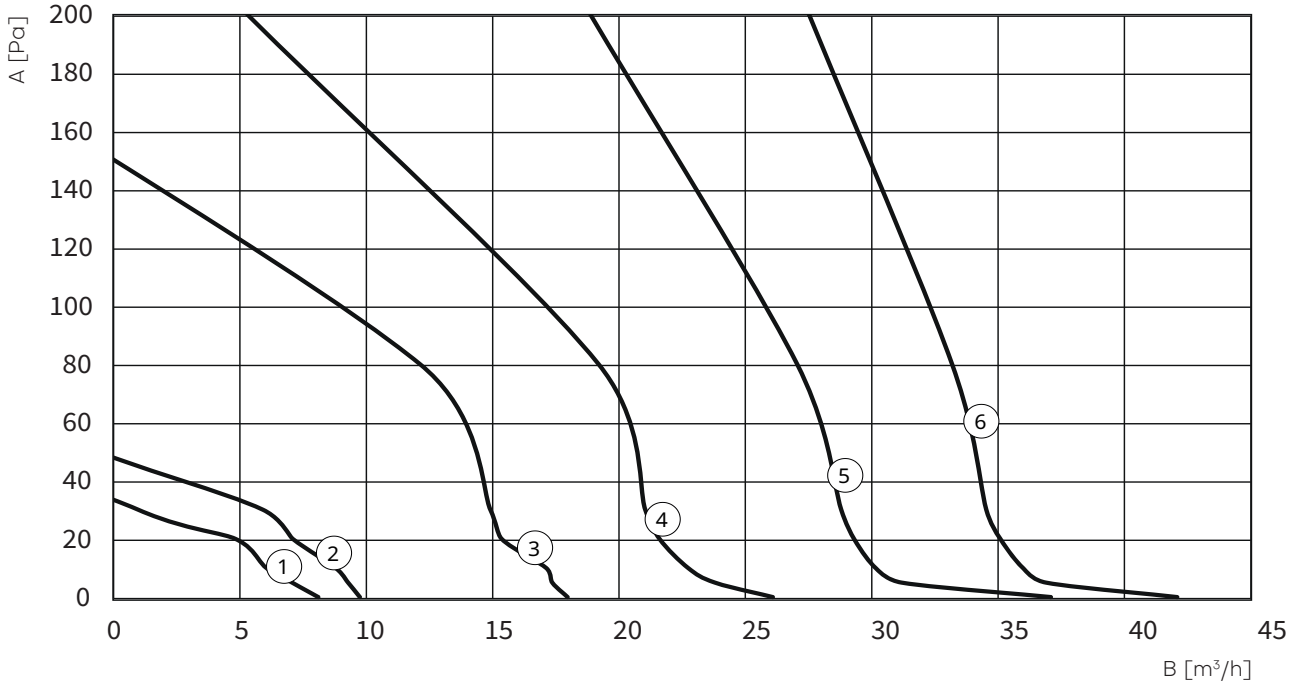
Accessories and spare parts

Article	Type	Code
FlowPLUS/ELITE template	Accessories	4MKT00000730
IR remote control	Accessories	4VMC00000900
100 mm HRV wall gasket	Accessories	1VMC99027
Weak walls fixing plate	Accessories	1VMC99771
Window-side outlet + wall-mounted HRV grills	Accessories	1VMC99130
External grills Ø80 mm plastic	Spare parts	1PVCVMC00020
External grills Ø100 mm plastic	Spare parts	1PVCVMC00011
Tube L 500 mm + 2x grills Ø80 mm	Spare parts	1VMC99048
Tube L 500 mm + 2x grills Ø100 mm	Spare parts	1VMC99901
ePM1 80% + Coarse 70% Flow40 x10 filter	Filters	1VMC99772
ePM1 80% + Coarse 70% Flow40 x30 filter	Filters	1VMC99773
ePM2.5 65% + Coarse 70% Flow40 x10 filter	Filters	2VMC00000098
ePM2.5 65% + Coarse 70% Flow40 x30 filter	Filters	2VMC00000092

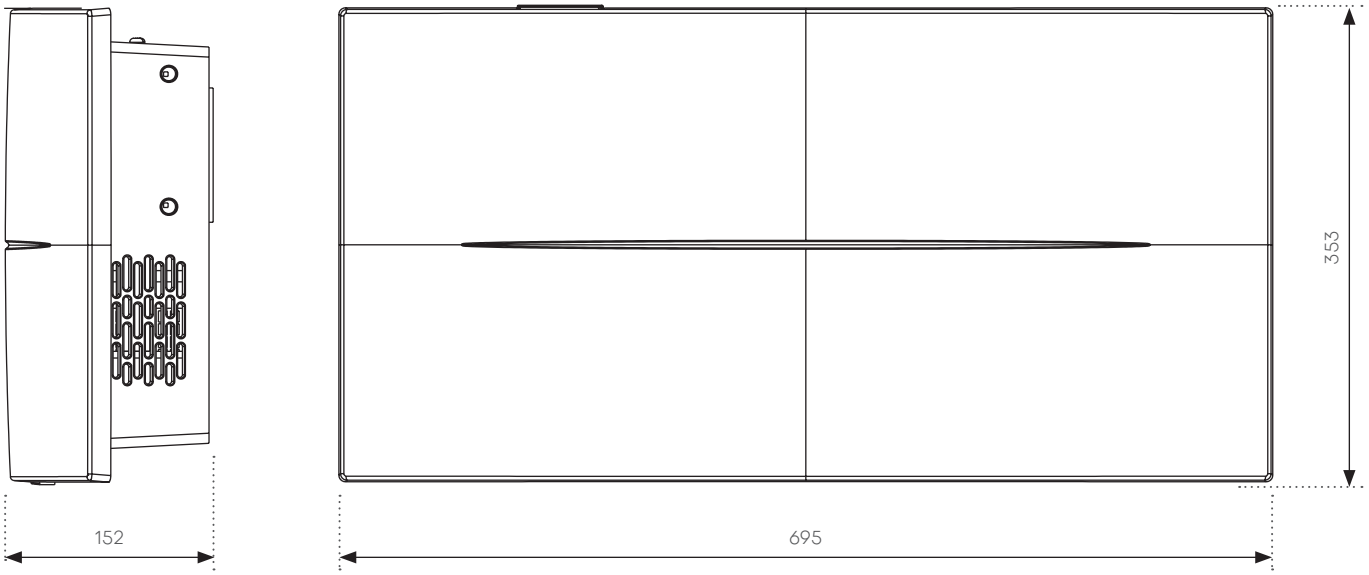
Flow-head charts

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