

# Flow400/400-R

*Maximum comfort, minimum footprint:  
clean air for offices and shared spaces*

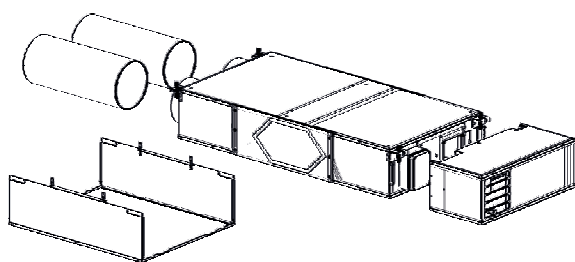
The Helti Community HRV line expands with the addition of **Flow400** the innovative solution designed for the **efficient ventilation of offices and shared spaces** 10 people. Compact and versatile, Flow400 ensures filtered and fresh air at all times with its **advanced filtration system** of ePM1 80% filters that stop up to 80% of sub-micron particulates. Equipped with **enthalpy exchanger with up to 92% heat recovery**, the new Flow400 Helti can be configured for airflow rates ranging from 80 to 400 m<sup>3</sup>/h. With a sound pressure level of only 35

dB(A) at design flow, it is ideal for applications in professional environments that require **special attention to acoustic comfort**. Compact and versatile, **only 22 cm thick**, is perfect for retrofitting existing buildings. The Steel version, with a steel cover ready for visible installation on the wall or ceiling. Optional hygrometric and CO<sub>2</sub> sensors monitor indoor air quality, automatically adjusting the airflow rate accordingly. Built-in features, such as free-cooling and night mode, ensure **efficiency and energy savings**.

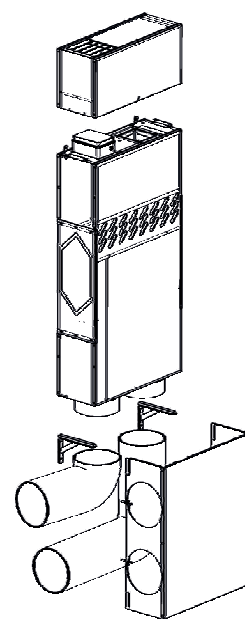


*Data monitoring and  
radon mitigation*

**Flow400-R** new version allows optimal and efficient radon risk management, with ad-hoc technology that dilutes gas concentrations in confined environments. The unit can be controlled remotely using the Cloud platform, setting customised scenarios and performing service centre checks.



**Flow400<sup>Steel</sup>**  
Ceiling installation



**Flow400<sup>Steel</sup>**  
Wall-mounted installation



**92 %**

Heat recovery  
efficiency



**22** dB(A)

Sound  
pressure



**400** m<sup>3</sup>/h

Maximum  
airflow



**ISO Coarse 80%  
+ ePM1 80%**

Intake air  
filtration



**-40** kWh/m<sup>2</sup>a


SEC energy consumption  
(temperate climate)

**Classe  
Energetica**

**A**



## Technical data

Functions and features	UOM	Flow400 <sup>Steel</sup>	
Version		STD	R 
Night function		●	●
Hyperventilation		●	●
Filter replacement alert		●	●
Humidity sensor		●	-
CO <sub>2</sub> and VOC sensor		optional	-
Radon scenario		-	●
Radon sensor <sup>(1)</sup>		-	optional
Free Cooling		●	●
Control panel Removable STD		optional	-
Control panel Removable cloud		optional	●
On/Off LED panel		●	●
Helty Home app <sup>(1)</sup>		optional	●
HCloud connection <sup>(1)</sup>		optional	●
Airflow rate	m <sup>3</sup> /h	80/130/180/250/320/400 <sup>(2)</sup>	
Flow adjustment		night + 4 stages + hyperventilation	
Power consumption	W	16/21/30/49/73/120 <sup>(2)</sup>	
Supply voltage	V AC	230	
Max. current consumption <sup>(3)</sup>	A	0.6	
Weight	kg	44	
Product dimensions (W x H x D)	mm	1310 x 222 x 602	
Heat exchanger		counter-flow enthalpy	
Heat recovery efficiency	%	92	
Bypass (free cooling/free heating)		manual electronic	
Sound power level <sup>(4)</sup>	dB(A)	33/39/43/49/53/59 <sup>(2)</sup>	
Sound pressure <sup>(5)</sup>	dB(A)	22/25/29/35/39/45 <sup>(2)</sup>	
Intake filter		ISO Coarse 80% + ePM1 80%	
Extraction filter		ISO Coarse 80%	
Modbus RTU rs485		Yes <sup>(8)</sup>	
Reference climate		cold / temperate / warm	
Energy efficiency class (cold / temperate / hot)		A+ / A / E	
SEC (cold / temperate / warm) <sup>(6)</sup>	kWh/m <sup>2</sup> a	-76 / -40 / -16.7	
Internal leakage <sup>(7)</sup>	%	2	
External leakage <sup>(7)</sup>	%	1	
Rated external pressure Δps.ext <sup>(6)</sup>	Pa	70	
Internal pressure drop Δps.int <sup>(6)</sup>	Pa	140	
Energy performance filters <sup>(6)</sup>		A+	
Kit		installation manual, HRV filters	installation manual, user manual, control panel, HRV filters
Code		1VMC04030	1VMC04033

1. Cloud control panel connection required  
2. In hyperventilation mode  
3. With 230 V AC supply voltage

4. According to UNI 3744:2010  
5. Measured 1 m below the unit, corrected with background noise and reverberation times

6. According to Regulation (EU) No. 1253/2014  
7. In accordance with EN 13141-8:2014-09  
8. The Cloud control panel functions are lost

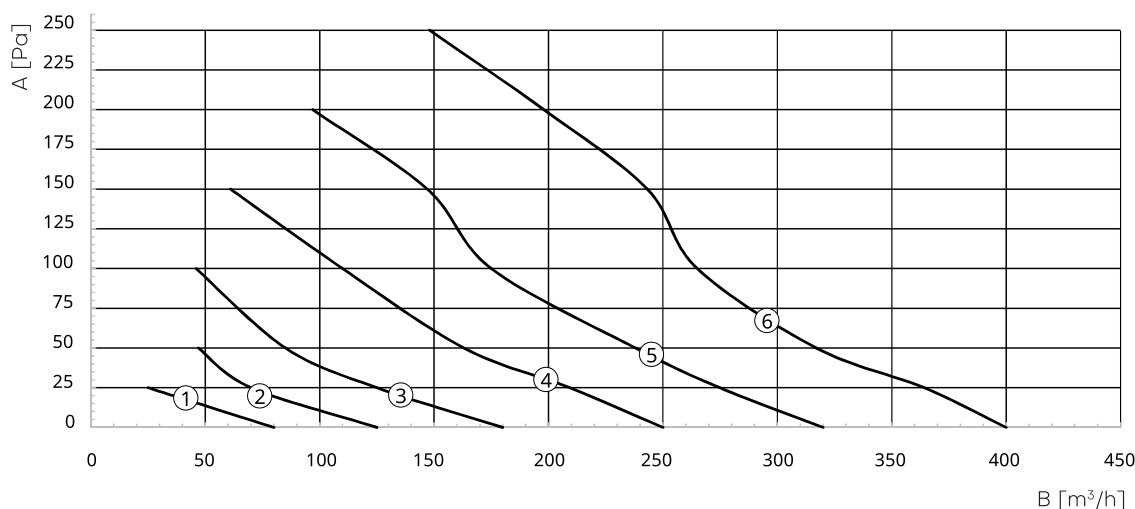
## Accessories and spare parts

Article	Type	Code
Flow400 Steel template	Accessories	4VMC00000824
External grills 340x340 mm plastic	Accessories	1VMC99083
External horizontal stainless-steel grills	Accessories	1VMC99084
Exterior vertical stainless-steel grills	Accessories	1VMC99097
ISO flex tube Ø102 mm L 5m + x2 clamps	Accessories	1VMC99087
ISO flex tube Ø203 mm L 5m + x2 clamps	Accessories	1VMC99093
Tube adapter 120x60 mm Ø100 mm x4	Accessories	1VMC99126
Rear outlet casing compatible with Flow400 heater	Accessories	1VMC99122
LH outlet casing compatible with Flow400 heater	Accessories	1VMC99134
RH outlet casing compatible with Flow400 heater	Accessories	1VMC99133
Ceiling casing compatible with Flow400 heater	Accessories	1VMC99125
Flow400 ceiling installation bracket	Accessories	1VMC99132
Flow400 Steel pre-heater	Accessories	1VMC99131
Flow400 Steel post-heater	Accessories	1VMC99123
STD flush-mounted control panel + 5m cable	Accessories	1VMC06006
Cloud recessed control panel + 5m cable	Accessories	1VMC06011
External control panel box 503	Accessories	1VMC99078
Steel ionizer	Accessories	1VMC99089
Radon monitor	Accessories	4VMC00000901
CO <sub>2</sub> monitor <sup>(1)</sup>	Accessories	4VMC00000902
IAQ monitor <sup>(1)</sup>	Accessories	4VMC00000903
Coarse filter pre-heater	Filters	1VMC99162
Coarse filter pre-heater	Filters	1VMC99163
ePM1 80% + Coarse 80% Flow400 filter	Filters	1VMC99155
ePM1 80% + Coarse 80% Flow400 x10 filter	Filters	1VMC99156

1. Cloud Control Panel required

## Flow-head charts

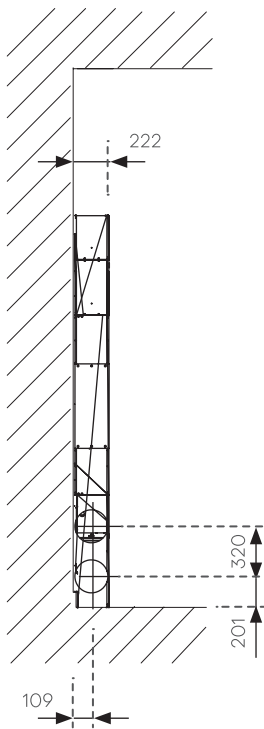
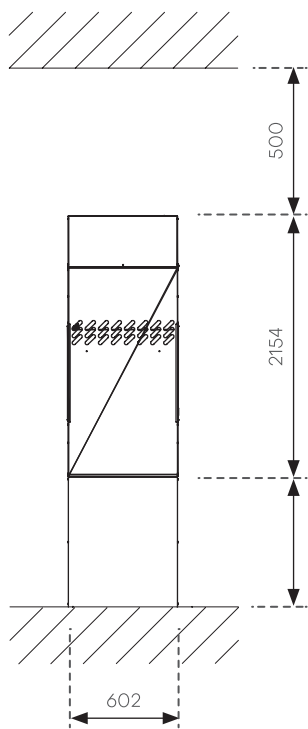
**A** Head      **1** Super-minimum speed (night)      **3** Speed 2      **5** Speed 4  
**B** Flow rate      **2** Speed 1      **4** Speed 3      **6** Hyperventilation



## Dimensional drawings

### Flow400<sup>Steel</sup>

Wall-mounted installation



### Flow400<sup>Steel</sup>

Ceiling installation

