



# Flow800

High air exchange without compromising aesthetics and acoustics

Frame the QR Code and watch the case histories



Performing and silent, Flow800 is renewed and expands the family with new versions to better meet and satisfy the needs of designers and commissioners. Alongside the HRV unit alone, ideal for positioning in rooms with false ceilings, the range offers new versions: Flow800 **Steel**, where the HRV is natively integrated in a white painted steel cover for exposed installations, manageable either on the ceiling or on the wall; **Flow800 Silent**, completed by an aesthetic cover in white wood, for ceiling installations that require to **minimise the aesthetic and acoustic impact of the HRV**; **FlowM800**, where the ventilation unit is made totally invisible by camouflaging

it on a white cabinet that offers ease of integration in rooms and great simplicity of access to the unit for inspections and filter changes. The air flow can be modulated over 6 values, **from 300 m<sup>3</sup>/h** (minimum speed in night mode) up **to 800 m<sup>3</sup>/h** (maximum speed in hyperventilation), by means of the panel that offers the intuitive control interface used in Helly systems. A control panel for built-in installation in 503 electrical boxes is also available as an accessory. The enthalpy heat exchanger ensures **80% heat exchange efficiency**, while the **G3+F9 dual filter** stops approximately 90% of PM10 and 80% of PM2.5 by bringing oxygenated and purified air inside.

## Superior well-being with air quality sensors

In addition to the standard version, all Flow800 models are **available in Pure version with hygrometric sensor and CO<sub>2</sub> and VOC sensor**. By monitoring parameters such as relative humidity, carbon dioxide levels and volatile organic compounds in each room, the HRV allows automatic and intelligent regulation of air exchange to ensure maximum well-being in each class.



**80 %**

Heat recovery  
efficiency



**21.5** dB(A)

Sound pressure  
(Silent version)



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

Maximum  
air flow

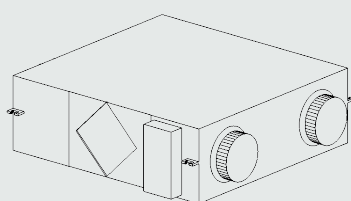


**G3+F9**

Air intake  
filtration

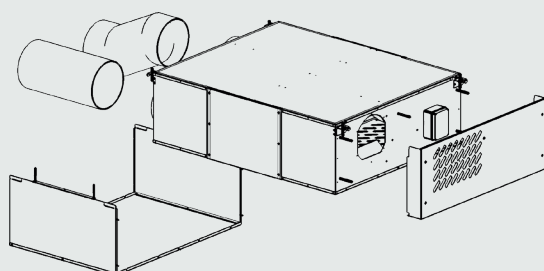
## Versions

Energy  
efficiency class **A**



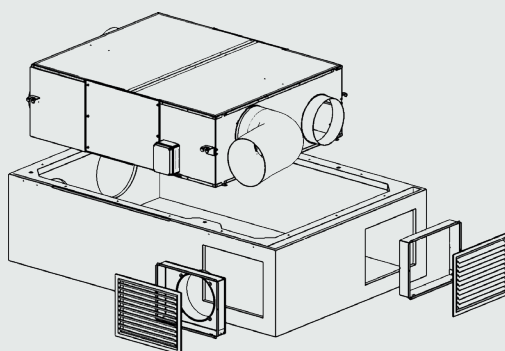
**Flow800**

HRV unit



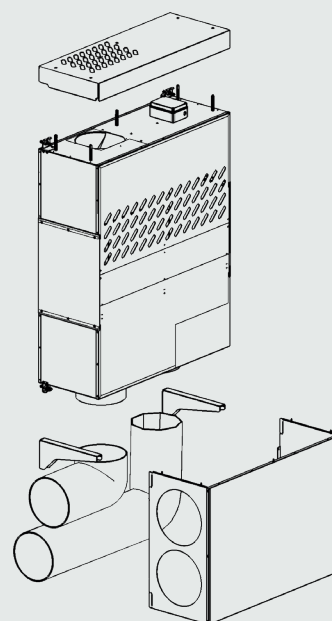
**Flow800<sup>Steel</sup>**

Ceiling installation



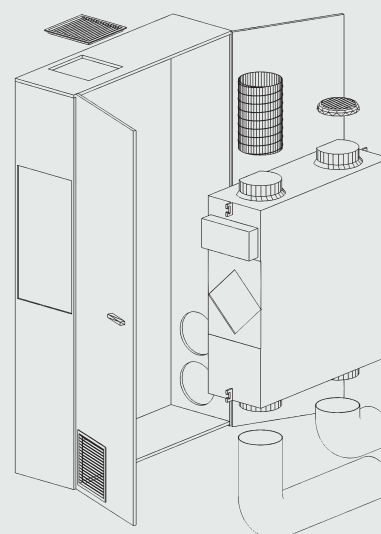
**Flow800<sup>Silent</sup>**

HRV with wooden cover for  
ceiling installation



**Flow800<sup>Steel</sup>**

Wall installation



**FlowM800**

HRV on wooden cabinet

## Technical data

Specifications	UoM	Flow600 <sup>Steel</sup>	Flow800 <sup>Steel</sup>	Flow800 <sup>Silent</sup>
Air flow rate	m <sup>3</sup> /h	250/300/350/450/550/600	300/350/500/600/700/800	300/350/500/600/700/800
Flow adjustment		night + 4 stages + hypervent.	night + 4 stages + hypervent.	night + 4 stages + hypervent.
Power consumption	W	30/44/60/94/166/220	22/26/46/61/90/138	22/26/46/61/90/138
Power supply voltage	V AC	230	230	230
Operating voltage <sup>(1)</sup>	V DC	24	24	24
Max. current consumption <sup>(2)</sup>	A	1	0.7	0.7
HRV unit weight	kg	55	75	73
Wooden cover weight	kg	–	–	60
FlowM cabinet weight	kg	–	–	–
HRV unit dimensions (W x H x D)	mm	1374 x 395 x 706	1374 x 395 x 1020	1320 x 392 x 1020
Wooden cover dimensions (W x H x D)	mm	–	–	1797 x 475 x 1213
FlowM cabinet dimensions (W x H x D)	mm	–	–	–
Core-drilled holes	mm	2x Ø200 / 4x Ø100	2x Ø250 / 4x Ø125	2x Ø250 / 4x Ø125
Heat exchanger		enthalpy cross-flow	enthalpy cross-flow	enthalpy cross-flow
Heat recovery efficiency	%	82	80	80
Bypass (Freecooling/Freeheating)		electronic manual	electronic manual	electronic manual
Sound power level <sup>(3)</sup>	dB(A)	50/53/57/61/67/69	43.5/46.2/54.9/56.9/59.4/64.4	37.2/39.7/46.7/53.3/57.7/58.7
Sound pressure <sup>(5)</sup>	dB(A)	35/39/43/47.4/52.5/55	28.6/31.3/40/42/44.5/49.5	21.5/24/31/37.6/42/43
Filters (intake / extraction)		G3+F9 / G3	G3+F9 / G3	G3+F9 / G3
Modbus RTU rs485		Yes <sup>(4)</sup>	Yes <sup>(4)</sup>	Yes <sup>(4)</sup>
Energy efficiency class (cold / temperate / hot)		A+ / A / E	A+ / A / E	A+ / A / E
SEC <sup>(6)</sup> (cold / temperate / hot)	kWh/m <sup>2</sup> a	–76.8 / –40.6 / –17.2	–77.1 / –41.3 / –18.1	–77.1 / –41.3 / –18.1
Unit type		UVNR-B bidirectional	UVNR-B bidirectional	UVNR-B bidirectional
Filter energy performance <sup>(7)</sup>		A+	A+	A+
SFPint <sup>(7)</sup>	W/(m <sup>3</sup> /s)	771	626	621
Specific Power Input SPI	W/(m <sup>3</sup> /h)	0.17	0.09	0.09

1. The use of the supplied power supply allows power to be supplied at 230 V AC. To be connected during installation  
2. With 230 V AC supply voltage  
3. According to UNI 3744:2010

4. This excludes control via the panel interface  
5. Measured at 1 m below the machine, corrected with background noise and reverberation time  
6. EN 13141-8:2014-09

7. According to EU Regulation No. 1253/2014

Energy efficiency class **A**

FlowM800	Flow1000 <sup>Silent</sup>	FlowM1000
300/350/500/600/700/800	300/400/550/700/850/1000	300/400/550/700/850/1000
night + 4 stages + hypervent.	night + 4 stages + hypervent.	night + 4 stages + hypervent.
22/26/46/61/90/138	25/44/77/130/210/320	25/44/77/130/210/320
230	230	230
24	24	24
0.7	1.7	1.7
73	73	73
–	60	–
93	–	93
1320 x 392 x 1020	1320 x 392 x 1020	1320 x 392 x 1020
–	1797 x 475 x 1213	–
1236 x 2400 x 450	–	1236 x 2400 x 450
2x Ø250 / 4x Ø125	2x Ø250 / 4x Ø125	2x Ø250 / 4x Ø125
enthalpy cross-flow	enthalpy cross-flow	enthalpy cross-flow
80	80	80
electronic manual	electronic manual	electronic manual
37.2/39.7/46.7/53.3/57.7/58.7	37.2/41.7/48.7/57.7/59.2/60.7	37.2/41.7/48.7/57.7/59.2/60.7
21.5/24/31/37.6/42/43	21.5/26/33/42/43.5/45	21.5/26/33/42/43.5/45
G3+F9 / G3	G3+F9 / G3	G3+F9 / G3
Yes <sup>(4)</sup>	Yes <sup>(4)</sup>	Yes <sup>(4)</sup>
A+ / A / E	A+ / A / E	A+ / A / E
–77.1 / –41.3 / –18.1	–77.1 / –41.3 / –18.1	–77.1 / –41.3 / –18.1
UVNR-B bidirectional	UVNR-B bidirectional	UVNR-B bidirectional
A+	A+	A+
621	1153	1153
0.09	0.14	0.14