Flow600

Slim shape, versatile performance

Flow600 Steel is one of the **“new entries” in the revamped Community 2023 HRV range** for installations in hospitality spaces, offices, schools and kindergartens.
Flow 600 Steel allows modulation of the air exchange on **variable flow rates between 250 m³/h** (minimum speed) **and 600 m³/h** (maximum speed in hyperventilation), with four intermediate flow rates to flexibly meet design needs requiring high air exchange rates in medium to highly crowded environments such as classrooms.
The unit is equipped with a cross-flow enthalpy heat exchanger, which allows **heat recovery efficiency of up to 82%** and does not require the setup of any condensate drain.

It ensures excellent filtration levels thanks to the G3+F9 filter group fitted as standard
The HRV unit is natively **integrated in a white painted steel cover,** complete with air intake and extraction openings, which allows the unit to be installed exposed, avoiding the need for additional cladding.
It can be **installed on the ceiling or also as a vertical wall-mounted version** by means of a special conduit casing, which **allows the intake/extraction sockets to be managed on either the right or left side**, so as to adapt to design requirements. **Two 200-mm core-drilled holes** in the external wall, or alternatively four 100-mm holes, are sufficient.

IAQ sensors in the Pure version

In addition to the standard version, Flow600 Steel is also available in Pure version with hygrometric sensor and CO_2 and VOC sensor for monitoring essential occupant well-being parameters such as relative humidity, carbon dioxide levels and volatile organic compounds. By detecting the values in real time, **the HRV can automatically adjust the air exchange according to the actual needs** read in the room to be ventilated.

82% Heat recovery efficiency

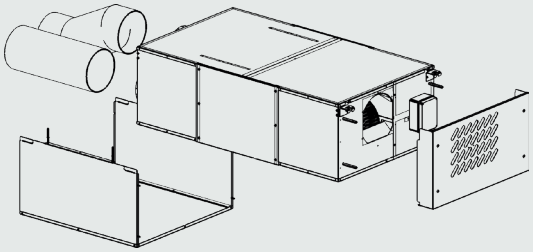
35 dB(A) Sound pressure

600 m^3/h Maximum air flow

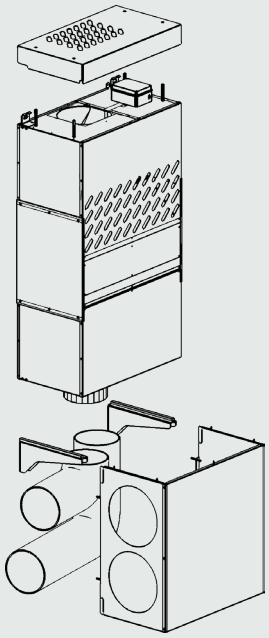
G3+F9 Air intake filtration

Versions

Energy efficiency class A



Flow600 Steel
Ceiling installation



Flow600 Steel
Wall installation

Technical data

Specifications	UoM	Flow600 Steel	Flow800 Steel	Flow800 Silent
Air flow rate	m³/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 [1]	V DC	24	24	24
Max. current consumption [2]	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 [3]	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 [5]	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 [4]	Yes [4]	Yes [4]
Energy efficiency class (cold / temperate / hot)		A+ / A / E	A+ / A / E	A+ / A / E
SEC [6] (cold / temperate / hot)	kWh/m²a	-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 [7]		A+	A+	A+
SFPint [7]	W/(m³/s)	771	626	621
Specific Power Input SPI	W/(m³/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