



VMC2 650 | 1000H



Low profile

Acoustic
InsulationEC
Technology

DESCRIPTION

Domestic heat recovery unit, VMC2 650H/1000H model, low noise level and low-profile design for installation in false ceilings. Easy access for maintenance. Plug&Play control for fast installation with LCD digital display and RS485 (Modbus), selection of operating modes and filter clogging indication. Horizontal or vertical installation.

Self-supporting structure in galvanized steel sheet and high-density EPS with thermal and acoustic insulation.

ADVANTAGES

- Compact low-profile unit.
- Quiet operation.
- Wi-Fi (optional).

ACCESSORIES

- F9 filter
- Humidity sensor
- CO₂ sensor
- Wi-Fi module

COMPONENTS

FAN

Plug fan type equipped with high-efficiency EC motor with 10 speeds.

HEAT EXCHANGER

High-efficiency heat exchanger in polymeric material equipped with 100% bypass for free cooling.

FILTERS

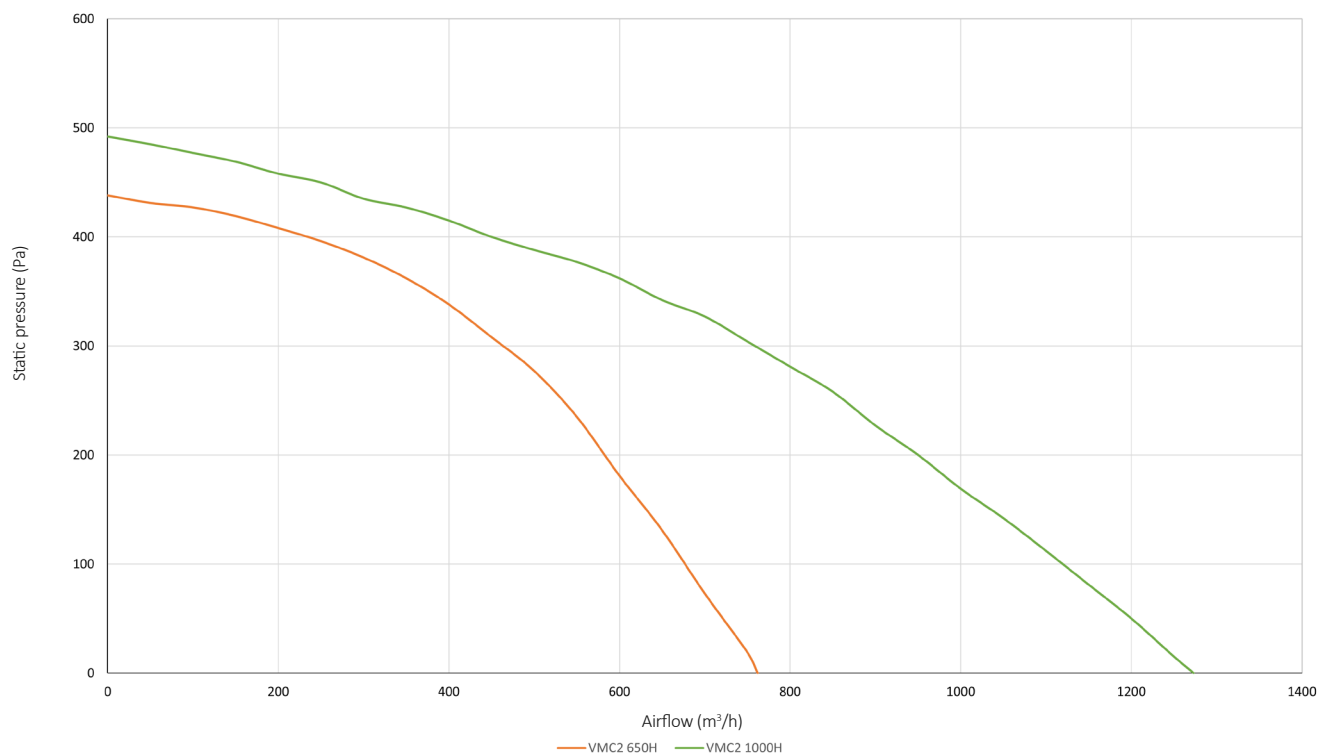
Units are equipped as standard with synthetic fiber filters class G4 ISO coarse > 65% (EN 779 / ISO 16890). Optionally, F9 filter ISO ePM1 > 80% (EN 779 / ISO 16890) can be installed on the supply air.

CHARACTERISTICS

VMC2	650H	1000H
Airflow (m ³ /h)	650	1000
Static Pressure (Pa)	120	170
Motor Power (kW)	0,252	0,420
Power Supply (V F Hz)	230 1 50	230 1 50
IMAX (A)	1,65	2,50
Sound Pressure (dB (A))	35	37
Recovery Efficiency (%)	77	71

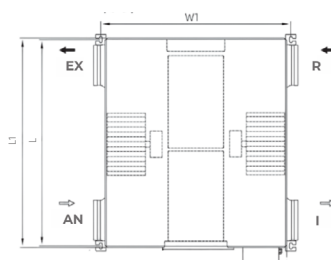
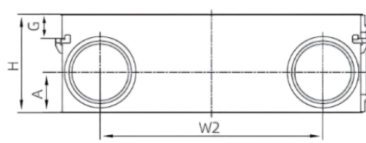
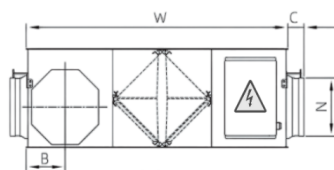
* Sound Pressure Level at 3 m

PERFORMANCE CURVES



DIMENSIONS

VMC2	650H	1000H
L (mm)	935	1213
L1 (mm)	954	1231
W (mm)	908	1231
W1 (mm)	946,5	1182
W2 (mm)	692	917
H (mm)	404	404
N (mm)	195	244
G (mm)	71	82
A (mm)	202	162
B (mm)	123	164
C (mm)	61	62
Weight (kg)	38	54



EX = exhaust
R = return
AN = fresh air
I = supply air

MAINTENANCE CLEARANCE AND UNIT ACCESS | 600 MM