



VMC2 500H



Plug&Play



Low profile

Acoustic
Insulation

DESCRIPTION

Domestic heat recovery unit, VMC2 500H 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

Double-inlet centrifugal fan equipped with high-efficiency motor with 3 speeds.

HEAT EXCHANGER

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

FILTERS

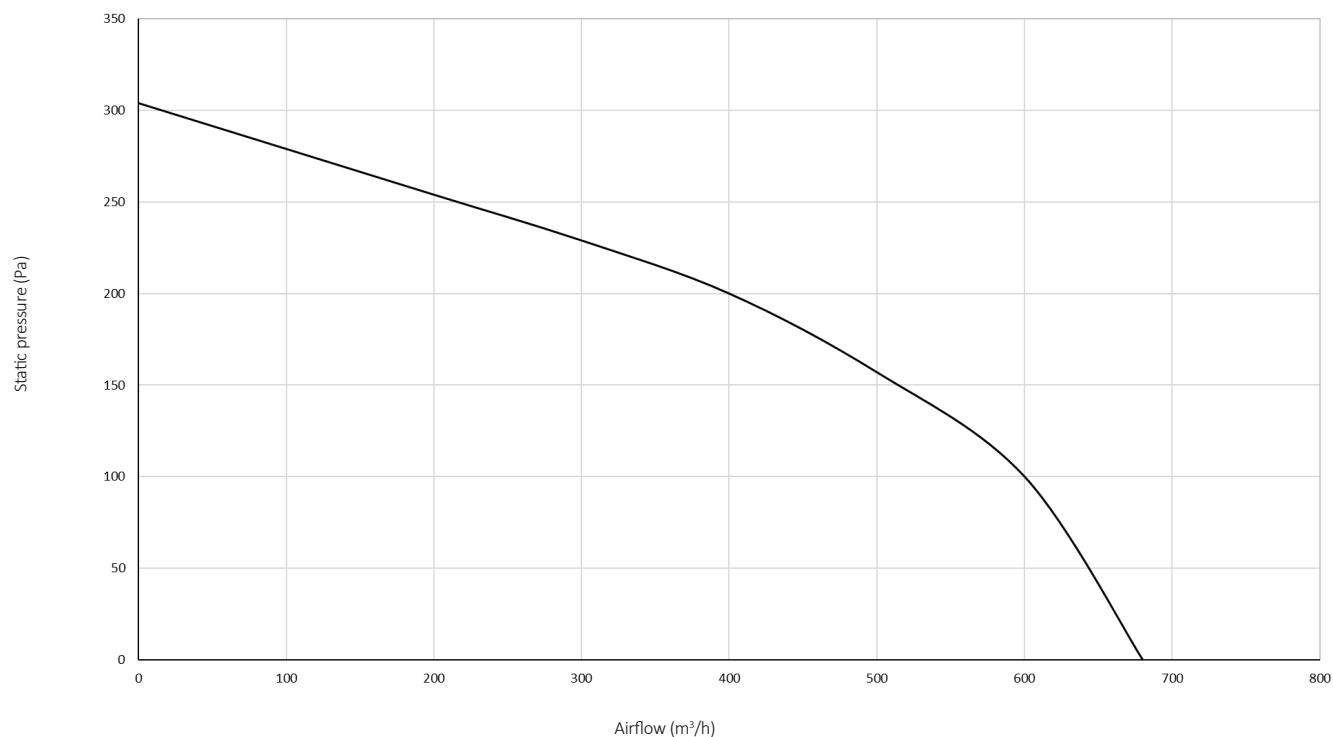
Units are equipped as standard with synthetic fiber filters class G4 ISO coarse > 65% (EN 779 / ISO 16890). Optionally, F9 filter ISO ePM1 > 80% (EN 779 / ISO 16890) can be installed on the supply air.

CHARACTERISTICS

VMC2	500H		
Rotational Speed (rpm)	min.	med.	max.
Airflow (m ³ /h)	500	600	600
Static Pressure (Pa)	79	82	87
Motor Power (kW)	0,195		
Power Supply (V F Hz)	230 1 50		
IMAX (A)	0,96		
Sound Pressure (dB (A))	29	35	39
Recovery Efficiency (%)	76		

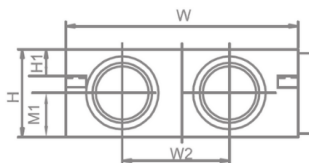
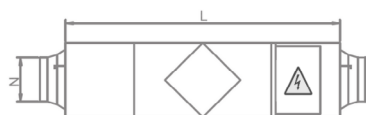
* Sound Pressure Level at 3 m

PERFORMANCE CURVES



DIMENSIONS

VMC2	500H
L (mm)	867
L1 (mm)	922
W (mm)	902
W1 (mm)	833.5
W2 (mm)	451.5
H (mm)	280
H1 (mm)	115.5
C (mm)	107
G (mm)	26
M1 (mm)	139.5
N (mm)	194
Weight (kg)	34



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

MAINTENANCE CLEARANCE AND UNIT ACCESS | 600 MM