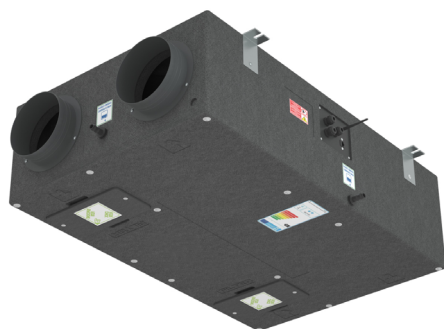


VMC 250 | 320 | 450H



Plug & Play



EC
Technology



90% Efficiency

DESCRIPTION

Domestic heat recovery unit, VMC 250/320/450H model, dual-flow with high-efficiency counterflow heat exchanger. Equipped with plug & play wireless control system for easy and fast installation. The control unit allows selection of different operating modes and indicates when filter cleaning is required. Horizontal or vertical installation.

Self-supporting structure in expanded polypropylene, with filter extraction system and condensate drainage.

RECOVERY

ADVANTAGES

- Quiet operation.
- High-efficiency heat recovery unit.
- Wireless control system.
- Wi-Fi (optional).

ACCESSORIES

- Filter
- Humidity sensor
- CO₂ sensor
- Modbus gateway
- Wi-Fi App model
- Remote control with display

COMPONENTS

FAN

Plug fan with EC brushless motor, single inlet.

HEAT EXCHANGER

High-efficiency counterflow heat exchanger made of polymeric material, providing very high heat transfer performance.

FILTERS

Synthetic fiber filters class G4 ISO coarse > 65% (EN 779 / ISO 16890) as standard. Optionally, F7 filter ePM2.5 > 60% (EN 779 / ISO 16890) can be installed on the supply air.

CHARACTERISTICS

VMC	250H	320H	450H
Airflow (m ³ /h)	250	320	450
Static Pressure (Pa)	100		
Motor Power (kW)	0,050	0,083	0,169
Number of speeds	3 (1 booster)		
Power Supply (V F Hz)	230 1 50		
IMAX (A)	0,46	0,75	1,35
Sound Pressure (dB (A)) *	50	48	54

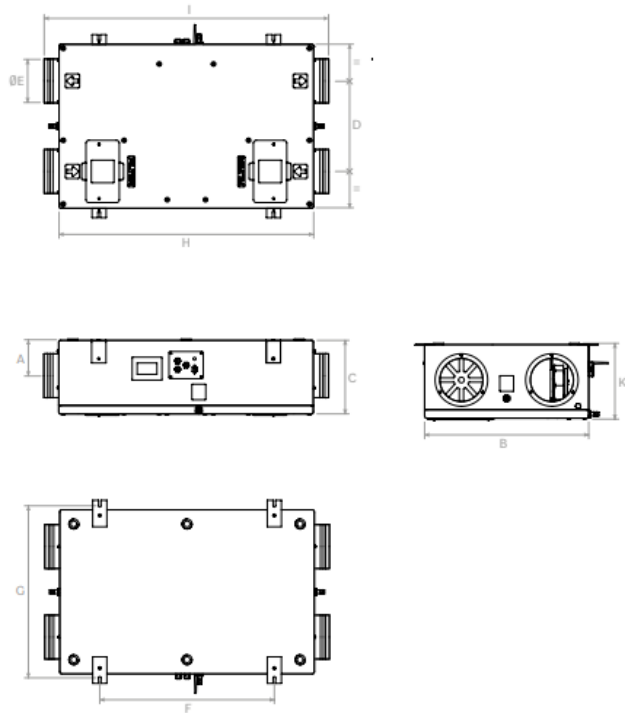
* Sound Pressure Level at 3 m



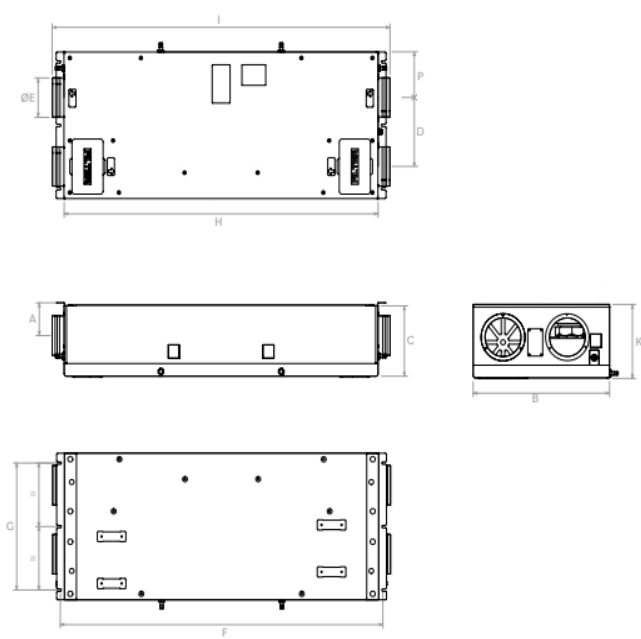
DIMENSIONS

VMC	250H	320H	450H
A (mm)	125	129	129
B (mm)	580	578	578
C (mm)	260	277	277
D (mm)	320	271	271
E (mm)	ø156	ø156	ø156
F (mm)	617	1367	1367
G (mm)	609	500	500
H (mm)	900	1330	1330
I (mm)	1005	1431	1431
K (mm)	268	291	291
P (mm)	-	180	180
Weight (kg)	14	20	20

VMC 250H



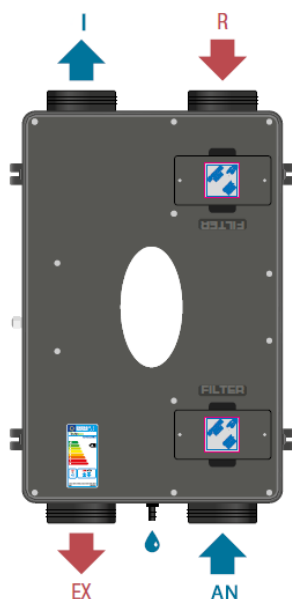
VMC 320 | 450H



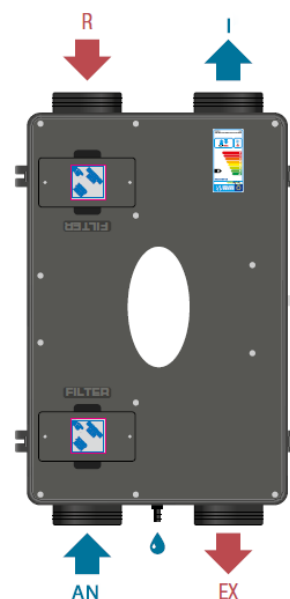
INSTALLATION CONFIGURATIONS

VERTICAL WALL INSTALLATION

TYPE A (STANDARD)

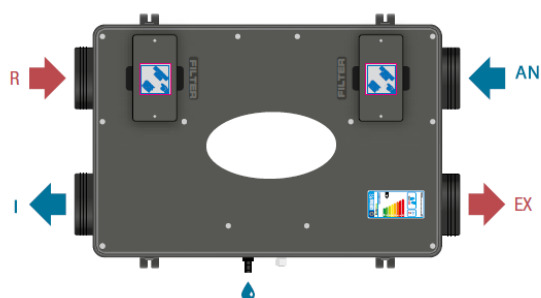


TYPE B

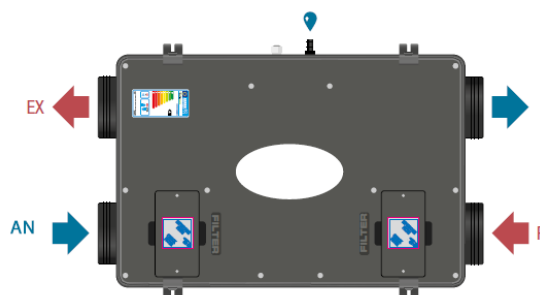


HORIZONTAL CEILING INSTALLATION

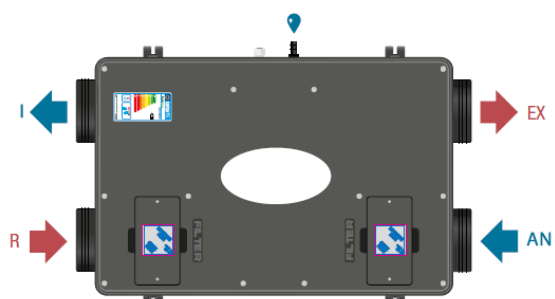
TYPE A (STANDARD)



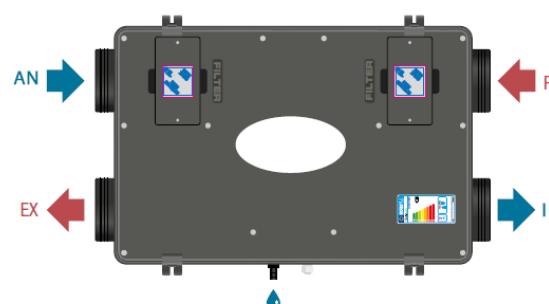
TYPE A1 (STANDARD)



TYPE B



TYPE B1



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