

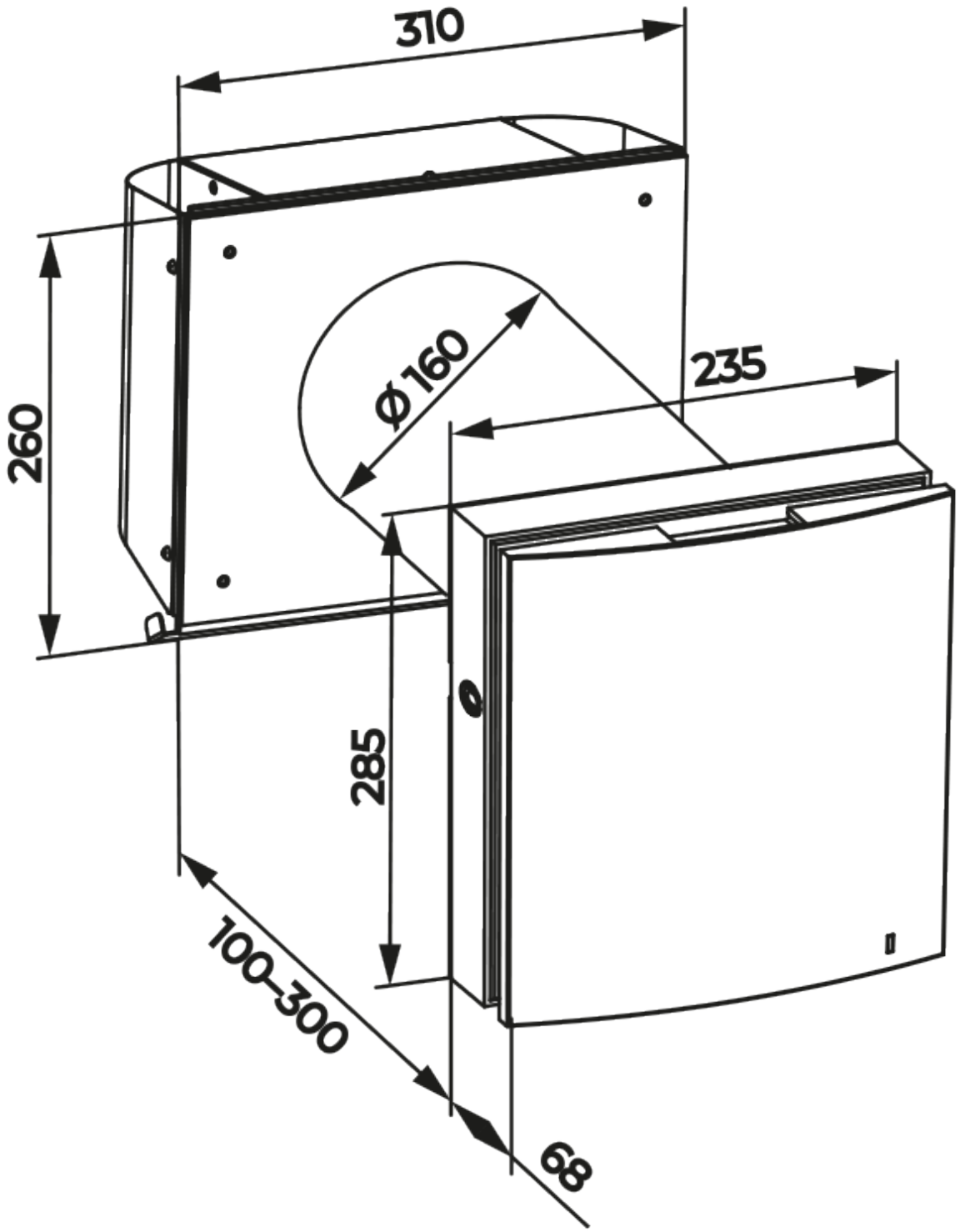
Vento Expert A50 C1-1 L035 S W V.2

Single-room heat recovery units with Wi-Fi control

- Air flow in heat recovery mode: 25
- Sound pressure level LpA at 1 m: 30
- Heat exchanger type: Regenerative
- Heat exchanger material: Ceramic
- Enthalpy heat exchanger
- Control: Smartphone
- Casing material: Plastic
- CO2 sensor: Optional
- Shutters

	Unit of measurement	Vento Expert A50 C1-1 L035 S W V.2		
Speed	-	1	2	3
Minimum supply voltage	V	100		
Maximum supply voltage	V	240		
Power supply frequency	Hz	50/60		
Air flow in ventilation mode	m³/h	15	30	50
Air flow in heat recovery mode	m³/h	8	15	25
Sound pressure level LpA at 1 m	dB(A)	20	27	30
Heat recovery efficiency, max	%	88		
Heat exchanger type	-	Regenerative		
Heat exchanger material	-	Ceramic		
Transported air temperature (max)	°C	40		
Transported air temperature (min)	°C	-20		
Ingress protection rating	-	IP24		

Dimensions


310
260
Ø160
235
285
100-300
68

Ecodesign

Trademark	Blauberg					
Model	Vento Expert A50 C1-1 L035 S W V.2					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-80.7	A+	-38.8	A	-14.9	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Regenerative					
Thermal efficiency of heat recovery (%)	77					
Maximum flow rate (m³/h)	25					
Electric power input (W)	7.1					
Reference flow rate (m³/s)	0.004					
Specific power input (SPI) (W/(m³/h))	0.339					
Control typology	Local demand control					
Maximum internal leakage rates (%)	2.7					
Mixing rate (%)	1					
Airflow sensitivity at +20 Pa and -20 Pa (%)	0.2					
The indoor/outdoor air tightness (m³/h)	5.2					
Declared typology	RVU BVU					
Sound power level (dB(A))	38					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	197		197		197	

Accessories

Control Panels

Name	Photo	Description
SE Vento Expert W		Control panel

CO2 sensors

Name	Photo	Description

CD-1		CO2 sensors
CD-2		CO2 sensors

Other accessories

Name	Photo	Description
FP2 Vento G3		G3 filter kit (2 pcs.)
FB Vento Expert A50		Remote control

Other accessories

Name	Photo	Description
Pre-installation Kit Vento Expert A50-1 S		Pre-installation kit for mounting into thin walls. Includes: air duct; AH-S chrome 160 outer ventilation hood; polystyrene foam plug; polystyrene foam wedges.
Completion Kit Vento Expert A50-1 W V.2		Final mounting kit. Includes: cartridge with a heat exchanger, a fan and G3 filters; indoor unit with a controller and shutters; remote control.
S Vento Expert A50		Cardboard template for indoor installation of the unit