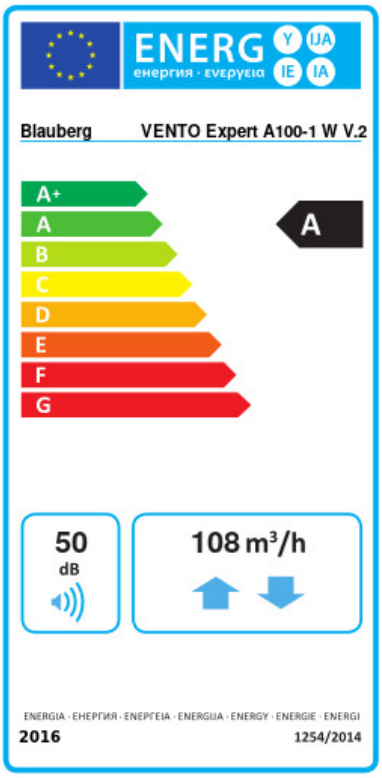
VENTO Expert A100-1 W V.2

- Air flow in heat recovery mode: 9
- Sound pressure level LpA at 1 m: 51
- Heat exchanger type: Plate counterflow
- Sound-insulated casing
- Control: Remote Control
- Casing material: Plastic
- Humidity sensor: Optional
- CO2 sensor: Optional
- PM2.5 sensor: Optional

	Unit of measurement	VENTO Expert A100-1 W V.2			
Phases	-	1			
Minimum supply voltage	V	100			
Maximum supply voltage	V	240			
Power supply frequency	Hz	50/60			
Air flow in ventilation mode	m³/h	18			
Air flow in heat recovery mode	m³/h	9			
Sound pressure level LpA at 1 m	dB(A)	23	27	40	51
Heat recovery efficiency, max	%	87			
Heat exchanger type	-	Plate counterflow			
Transported air temperature (max)	°C	40			
Transported air temperature (min)	°C	-15			
Ambient air temperature min	°C	1			
Ambient air temperature max	°C	40			
Ingress protection rating	-	IP24			
Ambient air humidity max	%	65			

Dimensions

Ecodesign



Trademark	Blauberg					
Model	VENTO Expert A100-1 W V.2					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-80	A+	-40.1	A	-17.2	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Regenerative					
Thermal efficiency of heat recovery (%)	68					
Maximum flow rate (m³/h)	108					
Electric power input (W)	18					
Reference flow rate (m³/s)	0.016					
Specific power input (SPI) (W/(m³/h))	0.114					
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))	50					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	66		66		66	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	82		42		19	