Atmo Wi-Fi Plus BLK



Single-room HRV units

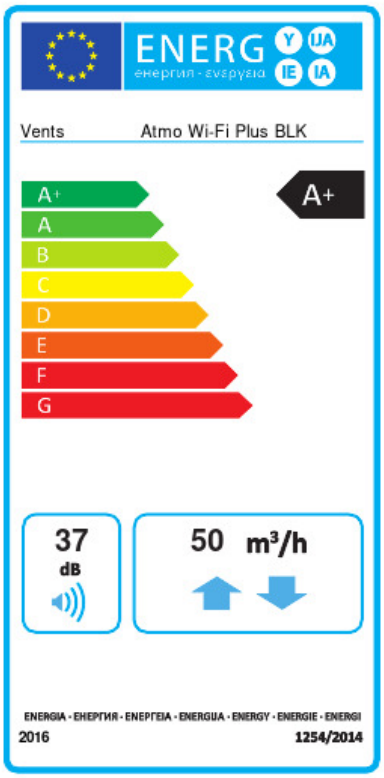
- Air flow in heat recovery mode: 30
- Sound pressure level LpA at 3 m: 31
- Sound pressure level LpA at 1 m: 41
- Heat exchanger material: Ceramic
- Filter: Coarse > 45% (G3) (option - ISO Coarse > 60% (G4))
- Sound-insulated casing
- Enthalpy heat exchanger
- Control: Smartphone
- Humidity sensor
- Shutters

	Unit of measurement	Atmo Wi-Fi Plus BLK		
Connected air duct size	mm	160		
Phases	-	1		
Maximum supply voltage	V	240		
Minimum supply voltage	V	100		
Power supply frequency	Hz	50/60		
Rated power	W	2.0	3.2	5.0
Unit current	A	0.03	0.04	0.05
Air flow in ventilation mode	m³/h	15	40	60
Air flow in heat recovery mode	m³/h	8	20	30
Sound pressure level LpA at 3 m	dB(A)	12	22	31
Sound pressure level LpA at 1 m	dB(A)	21	32	41
Heat recovery efficiency, max	%	95		
Heat exchanger material	-	Ceramic		
Filter	-	Coarse > 45% (G3) (option - ISO Coarse > 60% (G4))		
Transported air temperature (max)	°C	40		
Transported air temperature (min)	°C	-20		
Ambient air temperature max	°C	40		
Ambient air temperature min	°C	1		
Ingress protection rating	-	IP24		
Ambient air humidity max	%	65		
Minimum wall thickness	mm	330		

Maximum wall thickness	mm	490

Dimensions

Ecodesign



Trademark	Vents					
Model	Atmo Wi-Fi Plus BLK					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-84.7	A+	-42.9	A+	-18.9	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Regenerative					
Thermal efficiency of heat recovery (%)	84					
Maximum flow rate (m³/h)	50					
Electric power input (W)	3.2					
Reference flow rate (m³/s)	0.005					
Specific power input (SPI) (W/(m³/h))	0.122					
Control typology	Local demand control					
Maximum internal leakage rates (%)	2.7					
Mixing rate (%)	1					
Airflow sensitivity at +20 Pa and -20 Pa (%)	1.4					
The indoor/outdoor air tightness (m³/h)	2.3					
Sound power level (dB(A))	37					
Declared typology	RVU BVU					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	37		37		37	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	86		44		20	