

Solo RA1-50-9 R V.2

Single-room HRV units with ceramic heat exchanger and humidity sensor

- Air flow in heat recovery mode: 25
- Sound pressure level LpA at 3 m: 29
- Sound pressure level LpA at 1 m: 38
- Filter: G3
- Control: Remote Control
- Casing material: Plastic

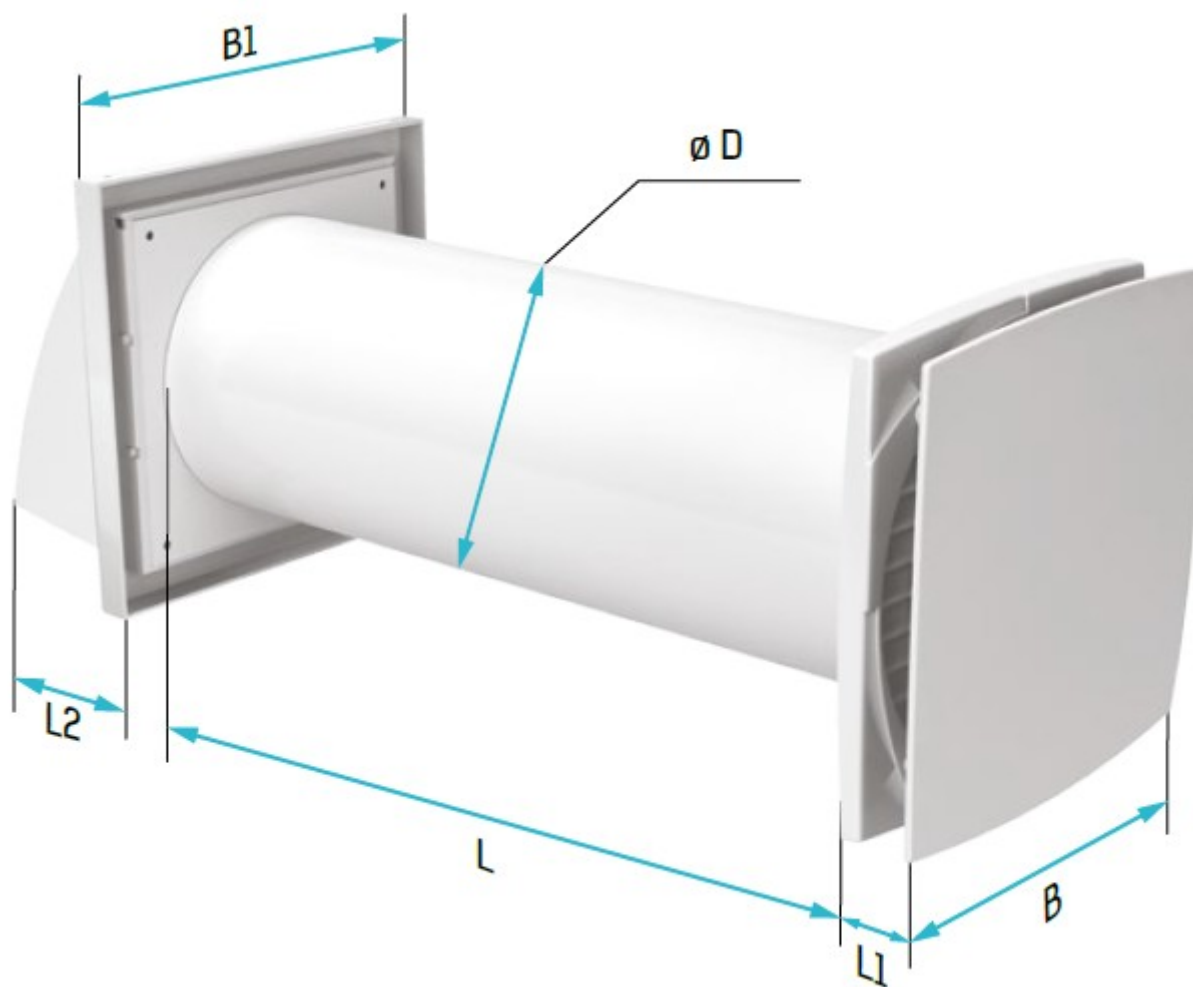


	Unit of measurement	Solo RA1-50-9 R V.2	
Phases	-	1	
Maximum supply voltage	V	240	
Minimum supply voltage	V	220	
Power supply frequency	Hz	50/60	
Rated power	W	2.30	4.00
Unit current	A	0.070	0.075
Air flow in ventilation mode	m³/h	25	50
Air flow in heat recovery mode	m³/h	13	25
Rotation speed at 50hz	-	1310	2000
Sound pressure level LpA at 3 m	dB(A)	16	29
Sound pressure level LpA at 1 m	dB(A)	26	38
Heat recovery efficiency	%	85	
Heat recovery efficiency, max	%	85	
Filter	-	G3	
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	
Minimum wall thickness	mm	325	

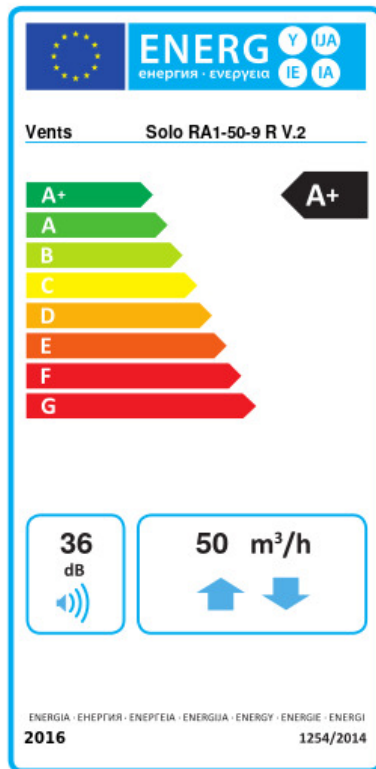
Maximum wall thickness	mm	380
------------------------	----	-----

Dimensions

ØD	B	B1	L	L1	L2
131	175	186	325-380	35	101



Ecodesign



Trademark	Vents					
Model	Solo RA1-50-9 R V.2					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-83.7	A+	-42.5	A+	-18.9	E
Type of ventilation unit	Bidirectional					
Type of drive installed	2-speed					
Type of heat recovery system	Regenerative					
Thermal efficiency of heat recovery (%)	74					
Maximum flow rate (m³/h)	50					
Electric power input (W)	2.3					
Reference flow rate (m³/s)	0.007					
Specific power input (SPI) (W/(m³/h))	0.092					
Control typology	Local demand control					
Airflow sensitivity at +20 Pa and -20 Pa (%)	0.4					
Sound power level (dB(A))	36					
Declared typology	RVU BVU					
The annual electricity consumption (AEC) (kWh/a)	Cold	Average		Warm		
	23	23		23		
The annual heating saved (AHS) (kWh/a)	Cold	Average		Warm		
	84	43		19		