

Solo RA1-35-9 R V.2

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

- Air flow in heat recovery mode: 23
- Sound pressure level LpA at 3 m: 26
- Sound pressure level LpA at 1 m: 36
- Filter: G3
- Control: Remote Control
- Casing material: Plastic

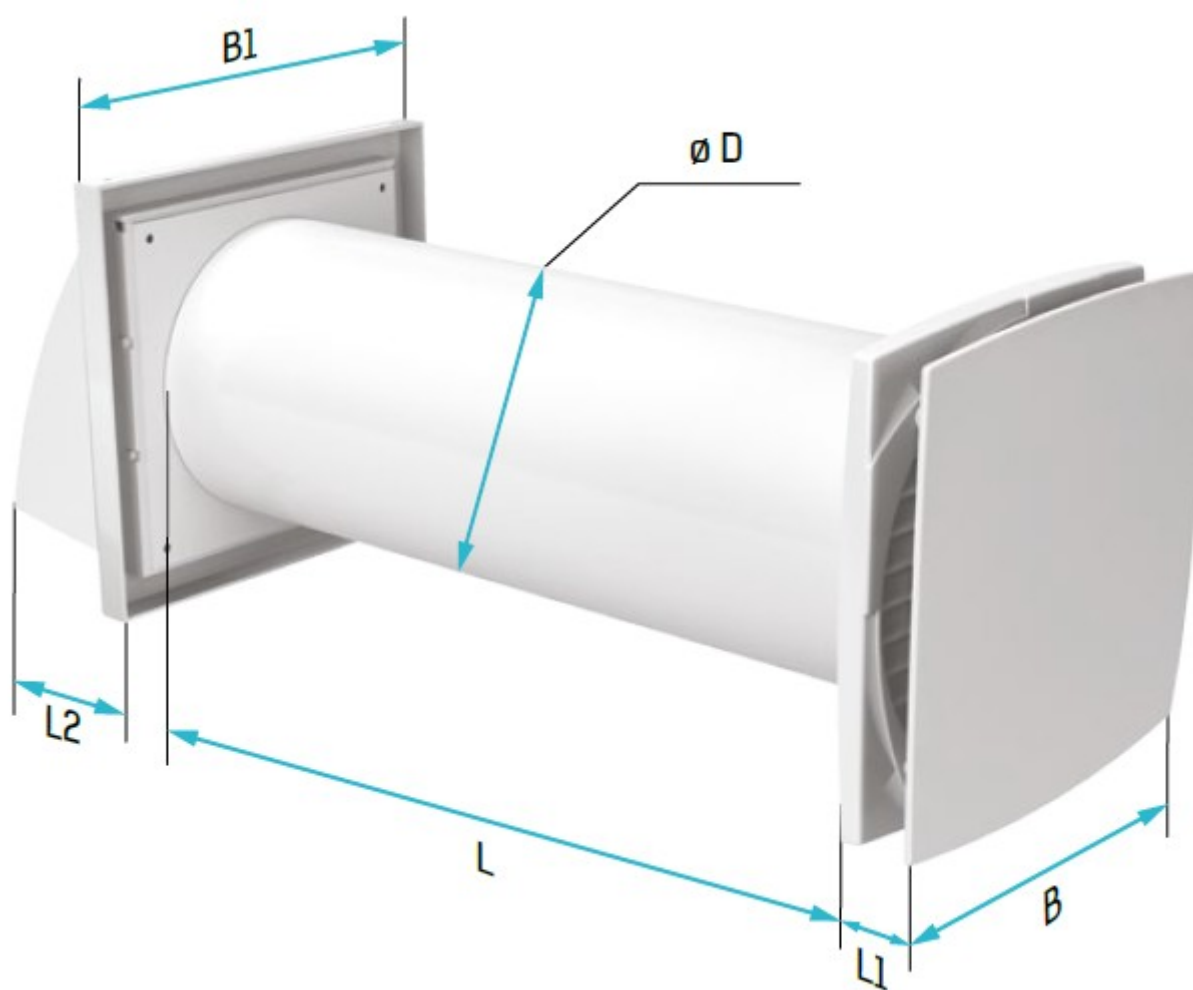


	Unit of measurement	Solo RA1-35-9 R V.2	
Phases	-	1	
Maximum supply voltage	V	240	
Minimum supply voltage	V	220	
Power supply frequency	Hz	50/60	
Rated power	W	2.40	3.70
Unit current	A	0.070	0.073
Air flow in ventilation mode	m³/h	30	46
Air flow in heat recovery mode	m³/h	15	23
Rotation speed at 50hz	-	2070	2500
Sound pressure level LpA at 3 m	dB(A)	21	26
Sound pressure level LpA at 1 m	dB(A)	31	36
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	305	

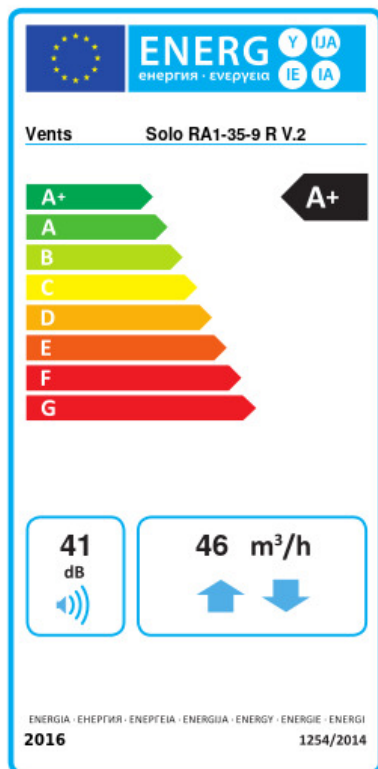
Maximum wall thickness	mm	380
------------------------	----	-----

Dimensions

ØD	B	B1	L	L1	L2
106	150	153	305-380	35	87



Ecodesign



Trademark	Vents					
Model	Solo RA1-35-9 R V.2					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-84.3	A+	-43.1	A+	-19.5	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)	46					
Electric power input (W)	2.3					
Reference flow rate (m³/s)	0.008					
Specific power input (SPI) (W/(m³/h))	0.08					
Control typology	Local demand control					
Airflow sensitivity at +20 Pa and -20 Pa (%)	0.4					
Sound power level (dB(A))	41					
Declared typology	RVU BVU					
The annual electricity consumption (AEC) (kWh/a)	Cold	Average		Warm		
	41	41		41		
The annual heating saved (AHS) (kWh/a)	Cold	Average		Warm		
	84	43		19		