Breezy Eco 160-E



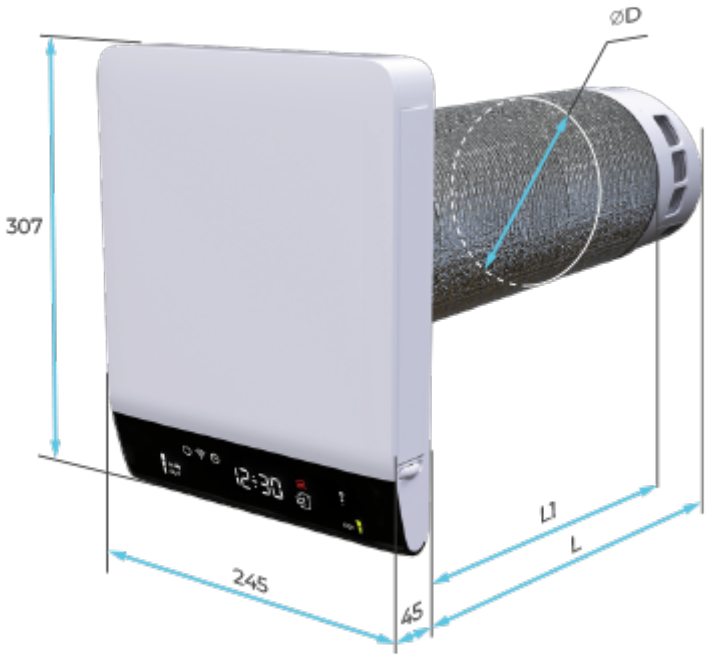
Single-room HRV units with a ceramic heat exchanger, two motors, additional air quality sensors and control via a mobile app

- Power of electrical reheater: 160
- Air flow in heat recovery mode: 48
- Sound pressure level LpA at 3 m: 40
- Sound pressure level LpA at 1 m: 50
- Heat exchanger material: Ceramic
- Filter: G3
- Control: Smartphone
- Casing material: Plastic
- Temperature sensor
- Heater

	Unit of measurement	Breezy Eco 160-E		
Phases	-	1		
Minimum supply voltage	V	220		
Maximum supply voltage	V	240		
Power supply frequency	Hz	50/60		
Rated power	W	3	5	8
Power of electrical reheater	W	160		
Unit current	A	0.93	0.94	0.95
Air flow in ventilation mode	m³/h	10	30	48
Air flow in heat recovery mode	m³/h	10	30	48
Sound pressure level LpA at 3 m	dB(A)	14	27	40
Sound pressure level LpA at 1 m	dB(A)	24	36	50
Heat recovery efficiency, max	%	90		
Heat exchanger material	-	Ceramic		
Filter	-	G3		
Transported air temperature (max)	°C	50		
Transported air temperature (min)	°C	-30		
Ingress protection rating	-	IPX4		
Ambient air humidity max	%	70		
Minimum wall thickness	mm	240		
Maximum wall thickness	mm	440		

Dimensions

ØD	L	L1
162	540	439



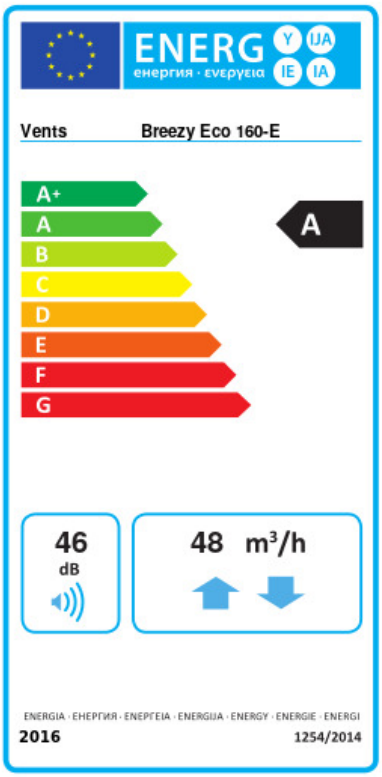
Accessories

Other accessories

Name	Photo	Description
CPSO-40 Breezy 160		External compensator pad
CPSO-120 Breezy 160		External compensator pad
CPSO-160 Breezy 160		External compensator pad
CPSO-80 Breezy 160		External compensator pad
CPSO-200 Breezy 160		External compensator pad
MPS Breezy 160		Stainless steel cuff for external installation

SF Breezy G3		Filter (2 pcs.)
SF Breezy G4		Filter (2 pcs.)
SF Breezy G4 carbon		Filter (2 pcs.)

Ecodesign



Trademark	Vents					
Model	Breezy Eco 160-E					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-72.3	A+	-34.4	A	-12.6	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Regenerative					
Thermal efficiency of heat recovery (%)	72					
Maximum flow rate (m³/h)	48					
Electric power input (W)	8					
Reference flow rate (m³/s)	0.01					
Specific power input (SPI) (W/(m³/h))	0.171					
Control typology	Local demand control					
Maximum internal leakage rates (%)	0.1					
Maximum external leakage rates (%)	0.9					
Mixing rate (%)	1					
Airflow sensitivity at +20 Pa and -20 Pa (%)	1					
The indoor/outdoor air tightness (m³/h)	7					
Declared typology	RVU BVU					
Sound power level (dB(A))	46					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	213		213		213	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	78		40		18	