Breezy Eco 160-E L055



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

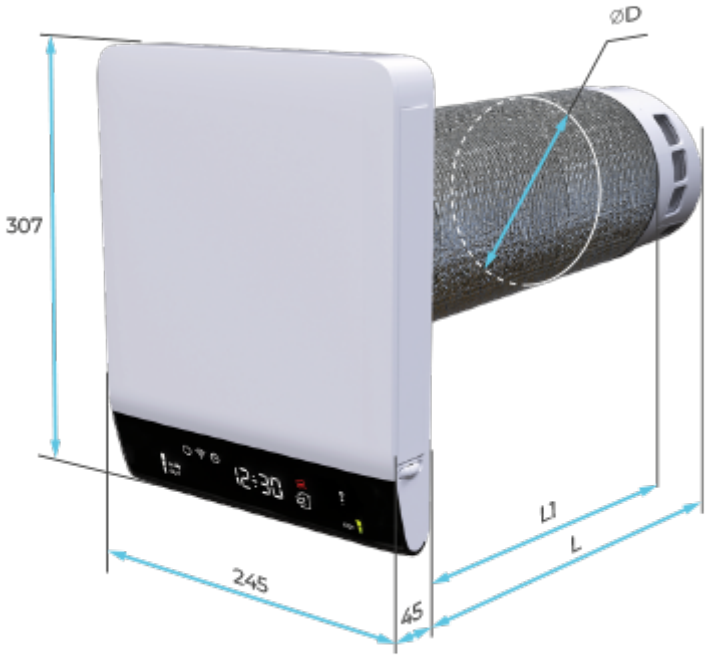
- Power of electrical reheater: 160
- Air flow in heat recovery mode: 48
- Sound pressure level LpA at 3 m: 40
- Sound pressure level LpA at 1 m: 50
- Heat exchanger material: Ceramic
- Filter: G3
- Control: Smartphone
- Casing material: Plastic
- Temperature sensor
- Heater

	Unit of measurement	Breezy Eco 160-E L055		
Connected air duct size	mm	160		
Phases	-	1		
Maximum supply voltage	V	240		
Minimum supply voltage	V	220		
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	245
Maximum wall thickness	mm	550

Dimensions

ØD	L	L1
162	650	550



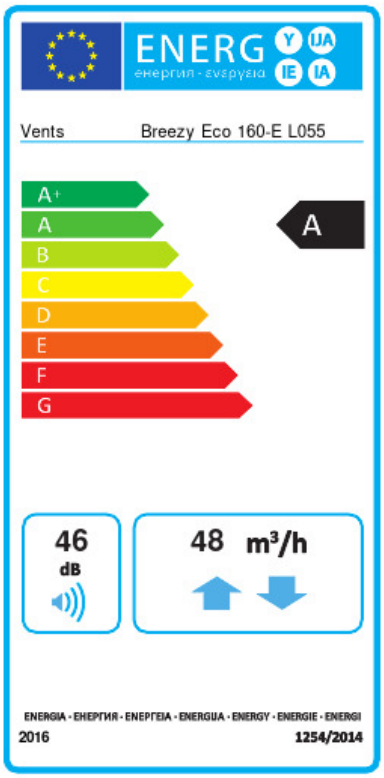
Accessories

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.)
KLW Breezy Eco 160 L055		Expansion kit for thick walls

Ecodesign



Trademark	Vents					
Model	Breezy Eco 160-E L055					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	77.2	A+	37.9	A	15.5	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Regenerative					
Thermal efficiency of heat recovery (%)	65					
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))	0.2					
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 (%)	0.93					
The indoor/outdoor air tightness (m³/h)	7					
Sound power level (dB(A))	46					
Declared typology	RVU BVU					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	116		116		116	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	80		41		19	