

Breezy 200-E Smart



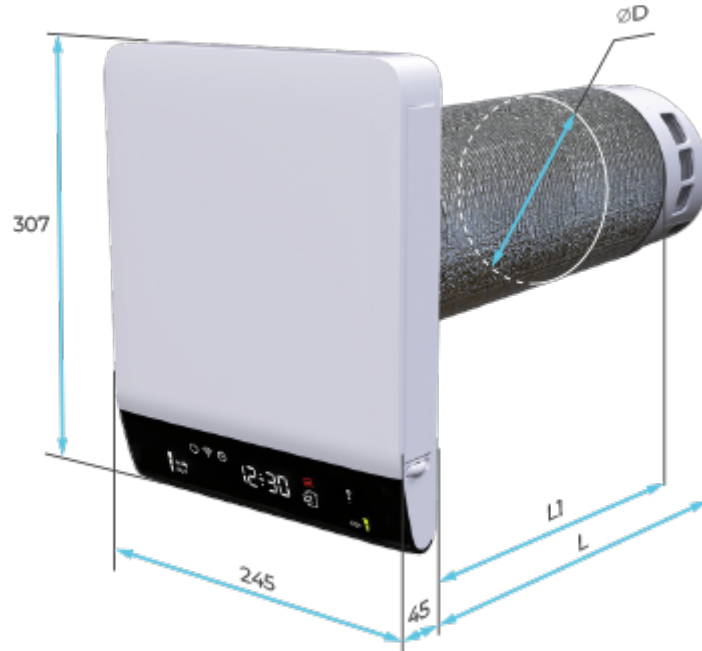
Single-room high-efficiency HRV units with ceramic heat exchanger, additional air quality sensors and smart control via mobile app

- Power of electrical preheater: 100
- Maximum airflow: 70
- Sound pressure level LpA at 3 m: 45
- Heat recovery efficiency: 85
- Filter: G3
- Motor type: EC
- Preheater: Electric
- Control: Smartphone
- Casing material: Plastic
- Humidity sensor
- CO2 sensor
- VOC sensor
- Temperature sensor: Built-in

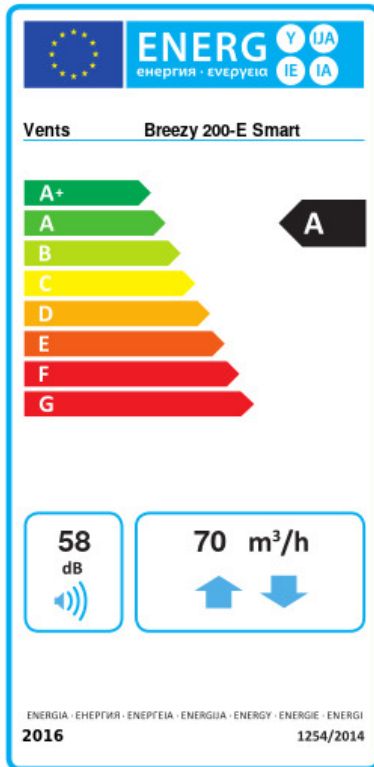
	Unit of measurement	Breezy 200-E Smart
Connected air duct size	mm	200
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	16
Power of electrical preheater	W	100
Unit current	A	0.63
Maximum airflow	m ³ /h	70
Sound pressure level LpA at 3 m	dB(A)	45
Heat recovery efficiency	%	85
Heat recovery efficiency, max	%	85
Heat exchanger material	-	Copper
Filter	-	G3
Transported air temperature (max)	°C	50
Transported air temperature (min)	°C	-30
Ingress protection rating	-	IPX4
Maximum wall thickness	mm	440

Dimensions

D	L	L1
206	540	440



Ecodesign



Trademark	Vents					
Model	Breezy 200-E Smart					
Specific energy consumption (SEC) (kWh/(m ² /a))	Cold		Average		Warm	
	-68.7	A+	-36	A	-14.5	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Recuperative					
Thermal efficiency of heat recovery (%)	60					
Maximum flow rate (m ³ /h)	70					
Electric power input (W)	16					
Reference flow rate (m ³ /s)	0.014					
Specific power input (SPI) (W/(m ³ /h))	0.24					
Control typology	Local demand control					
Maximum internal leakage rates (%)	0.1					
Maximum external leakage rates (%)	0.9					
Mixing rate (%)	20					
Airflow sensitivity at +20 Pa and -20 Pa (%)	0.93					
The indoor/outdoor air tightness (m ³ /h)	7					
Declared typology	RVU BVU					
Sound power level (dB(A))	58					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	722		185		140	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	78		40		18	