



BREEZY

Smart HRV unit
for single-room ventilation

powered by VENTS



■ Breezy | Smart HRV unit for single-room ventilation

Breezy heat recovery unit is a modern solution that combines balanced ventilation with heat recovery, a built-in electric heater, temperature and air quality sensors, as well as a user-friendly interface. With its compact design and multi-functionality, the device provides an effective way to improve indoor air quality while reducing energy consumption.

FEATURES:

- Simultaneously supplies and extracts air through a single hole in the outer wall.
- Separate settings for each EC fan ensure balanced ventilation.
- Reducing heat losses caused by ventilation due to heat recovery.
- Efficient copper heat exchanger with automatic frost protection system.
- Electric heater.
- G3 supply and extract filters.
- 4 temperature sensors.
- Humidity sensor.
- Optional CO₂ and air quality sensor.

BREEZY

FUNCTIONS



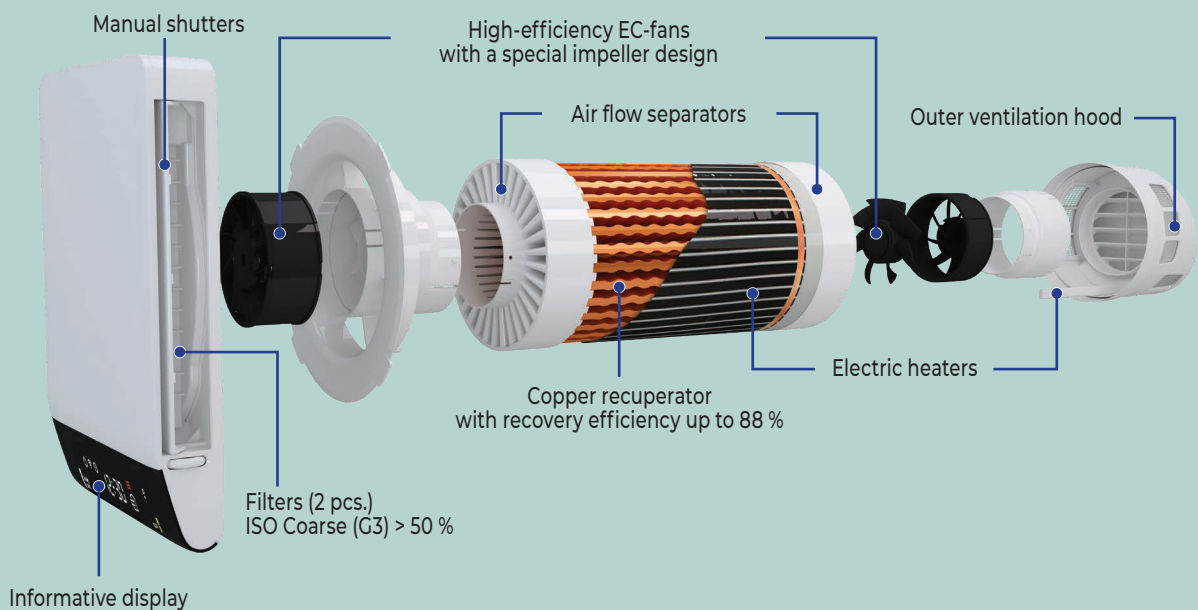
- Heat recovery mode, supply only mode, exhaust only mode and automatic mode based on sensors
- 3 speeds, adjustable from 0 to 100%
- Wi-Fi and Google Assistant
- Electric heater
- RH%, CO₂, VOC sensors
- Alarm
- Filter maintenance indication
- Night timer
- Turbo timer
- Week schedule
- Time indication
- Defrost indication

MODE OF OPERATION

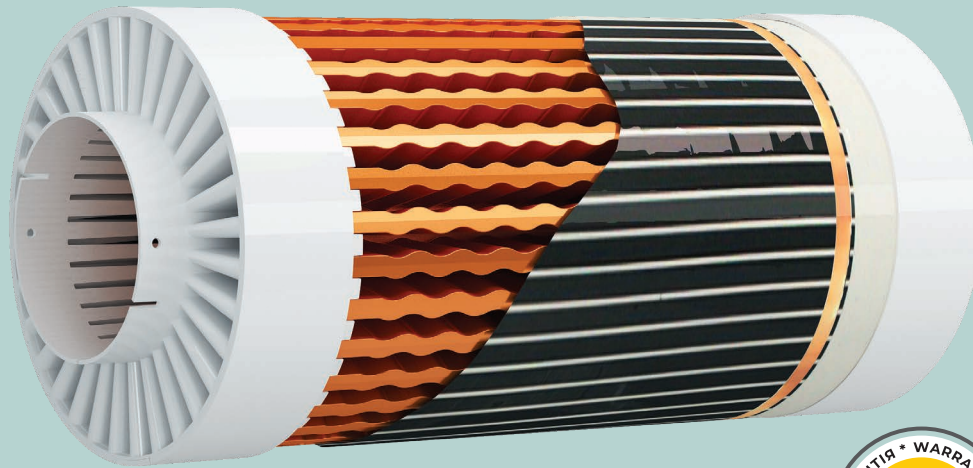


- Heat recovery mode - simultaneously supplies and removes air through one opening in the outer wall. The heater and defrosting algorithm are activated by temperature sensors.
- Supply mode – active operation of the supply fan only. Electric heater activation is available.
- Exhaust mode – active operation of the exhaust fan only. Activation of the electric heater is not available.

CONSTRUCTION



COPPER HEAT EXCHANGER



PATENTED



Advantages:

- the use of high-quality refined copper guarantees significant indicators of thermal conductivity, tightness and antiseptic properties;
- patented technology and know-how presented by wavy ribs significantly increase the contact surface for maximum efficiency;
- modern automated recuperator production line ensures stable quality;
- the design of the recuperator has low air resistance, so the fans consume less electricity and create less noise.

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ALL FUNCTIONS IN YOUR SMARTPHONE

Breezy – combines compact dimensions and a variety of built-in sensors (temperature, humidity, CO₂ and air quality), parameters that are easy to monitor in a smartphone application.



AND EVEN MORE.

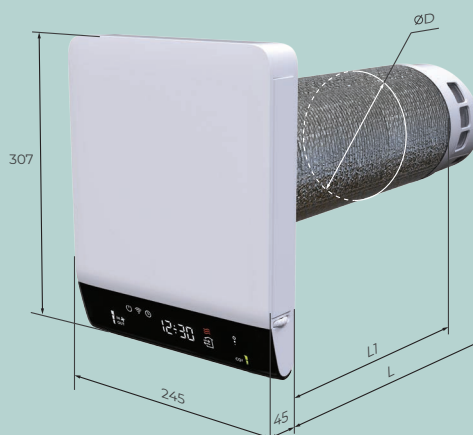
Just say «Hello Google» and test, control and run Breezy in English, German, Swedish, Norwegian, Danish, Polish, Dutch, French, Spanish*.

The image shows two QR codes for downloading the app: one for Google Play and one for the App Store. To the right is a smart speaker (Google Home) with the 'works with Hey Google' logo.

*Important: The feature availability could depend on your country, region and language. Check it for your speaker/smartphone or ask its manufacturer.

BREEZY

DIMENSIONS [mm]



Overall dimensions [mm]				
	ØD	L	L1	Wall thickness
Breezy 160-E (Smart)	162	540	439	240*...440
Breezy 160-E (Smart) L055		650	550	450...550
Breezy 160-E (Smart) L07		800	700	560...700
Breezy 160-E (Smart) L1		1100	1000	710...1000
Breezy 200-E (Smart)	206	553	447	240*...447
Breezy 200-E (Smart) L055		656	550	460...550
Breezy 200-E (Smart) L07		806	700	560...700
Breezy 200-E (Smart) L1		1106	1000	710...1000

* With an optional expansion joint

TECHNICAL DATA

Model	Breezy 160-E	Breezy 200-E
	Breezy 160-E Smart	Breezy 200-E Smart
Air flow [m ³ /h]	57 (70*)	70 (90*)
Heat recovery efficiency [%]	88	85
Heat exchanger type	recuperative	recuperative
Heat exchanger material	copper	copper
Power [W]	up to 22	up to 22
Sound pressure level LpA @3m [dB(A)]	42	45
Heating	+	+
Electric heater power [W]	100	100
Transported air temperature [°C]	-30...+50	-30...+50
SEC Class	A	A

* Boost

ASSORTMENT

Options & functions	Breezy	Breezy Smart
Heat recovery, supply only, extract only, auto (using temperature sensors) modes	+	-
Heat recovery, supply only, extract only, auto (using temperature and air quality sensors) modes	-	+
3 speeds with independent adjustment from 0 to 100% for supply and exhaust	+	+
4 temperature sensors (outdoor, supply, exhaust and indoor)	+	+
Light sensor	+	+
Humidity sensor (RH%)	+	+
Carbon dioxide sensor (CO ₂)	-	+
Air quality sensor (tVOC)	-	+
Frost protection and electric heater to maintain a comfortable supply air temperature	+	+
Filter maintenance indication	+	+
Efficiency level indicator	-	+
Remote control using an IR remote control and a smartphone via Wi-Fi	+	+
Functional smartphone application with voice control, cloud service	+	-
Functional smartphone application with voice control, cloud service and air quality level statistics	-	+
Main screens in the smartphone application	- Speed (3 speeds) - Speed (smooth adjustment) - Heater	Add: - Temperature and efficiency - Indoor temperature (graph) - Humidity (graph) - CO ₂ (graph) - tVOC (graph)

ACCESSORIES

	Breezy 160-E Breezy 160-E Smart	Breezy 200-E Breezy 200-E Smart
External compensator pad	CPO-40 Breezy 160 CPO-80 Breezy 160 CPO-120 Breezy 160 CPO-160 Breezy 160 CPO-200 Breezy 160	CPO-40 Breezy 200 CPO-80 Breezy 200 CPO-120 Breezy 200 CPO-160 Breezy 200 CPO-200 Breezy 200
Rubber decorative cuff for indoor installation	RP Breezy 160	-
Metal cuff for outdoor installation	-	MP Breezy 200
Filter G3	SF Breezy G3 (2 pcs.)	
Filter G4	SF Breezy G4 (2 pcs.)	



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