

HEATPEX

ARIA

VITALE **MINI**

Decentralised
heat recovery unit
with SMART system

> heatpex.pl



Single-family houses

Apartments

WHITE



RH Humidity sensor

OR

CO₂ CO₂ sensor

BLACK



RH Humidity sensor

OR

CO₂ CO₂ sensor

Advanced indoor air quality control

Eliminate window
condensation and
moisture issues.

Single-family houses

Alternative to gravity ventilation or **supplementary solution** for central ventilation systems in new-build and renovation projects

Typically installed on external walls:
bedrooms, living rooms, kitchens, bathrooms as an alternative to exhaust fans

Apartments

Quick installation **no interference**
with existing building systems

Wall-mounted on external façade
no ductwork required



Fast and **easy** installation





Key Features

Demand-controlled performance: Adjustable output from energy-saving mode to maximum airflow.

Ultra-quiet operation with noise levels from 18.6 dBA, delivering **exceptional user comfort**.

Energy-efficient operation: Reduced power consumption.

Versatile application: Simple and quick installation.

Supply voltage	230 V	Fan speeds	3 + boost		
Frequency	50 Hz	Airflow m ³ /h	Speed		
Rated power	8,6 W		1	2	3
Max temperature efficiency	Up to 97%	Airflow in supply / exhaust mode	20	40	50
Ventilation duct diameter	158 mm	Airflow in heat recovery mode	10	20	25
Energy class	A	Sound pressure (3m) dBA	18,6	28,4	32,5
Recommended wall thickness	31-50 cm	Boost mode airflow	60 m ³ /h		

Double filtration as standard

1 F7 filter
internal side

2 Pre-filter
external side

High-efficiency ceramic heat exchanger

Ceramic core elements with increased heat exchange surface

Optimised structure for high thermal efficiency

Fully removable and washable

Moisture-resistant design – inhibits mould and bacterial growth



Intuitive control: 3 options



Integrated control panel.
Control directly from the unit



Remote control operation. Wireless handset control



SMART control via mobile app. Advanced control through smartphone application

The smartphone app interface for HEATPEX is shown with various controls and settings. The main display shows the outdoor temperature at 23°C and the temperature setting at 10°C. Below this, there are sections for RH threshold (40%), RH value (1%), Countdown (Cancel), and Remaining time (0 min). At the bottom, there are icons for ON, Heat Recovery, Speed, Boost, RH Switch, Free Cooling, Anion, and Light.

Synchronisation mode
Paired unit operation

Indoor temperature display

Operating mode selection
Switch between available ventilation modes

Countdown timer
Set remaining operating time before automatic shutdown

Comfort mode
Automatic control based on humidity or CO₂ threshold

Fan speed adjustment
Manual airflow control

Cooling mode
Supply of cooler outdoor air

Additional ioniser control

Optional accessories

Enhance indoor air quality

Upgrade ARIA VITALE MINI with an ionisation module.



The integrated unit filter captures airborne pollutants such as **dust, fine particles and other contaminants**. The ionisation module supports whole-room air treatment by **neutralising airborne particles not visible to the naked eye**.

Air ionisation technology enriches the air with negative ions, helping to:

- improve perceived air freshness
- neutralise bacteria and viruses
- reduce airborne dust levels
- minimise allergens at the source rather than masking them

An intelligent add-on that **enhances overall system performance and improves indoor comfort**. **Fully compatible** with ARIA VITALE MINI. Available in matching enclosure colours. Ioniser **control via mobile app or remote control**.

Designed for improved **allergen control**



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