

 **HEATPEX**

ARIA
VITALE

HEAT RECOVERY
VENTILATION
UNIT



5 year
warranty

Complete
MVHR system

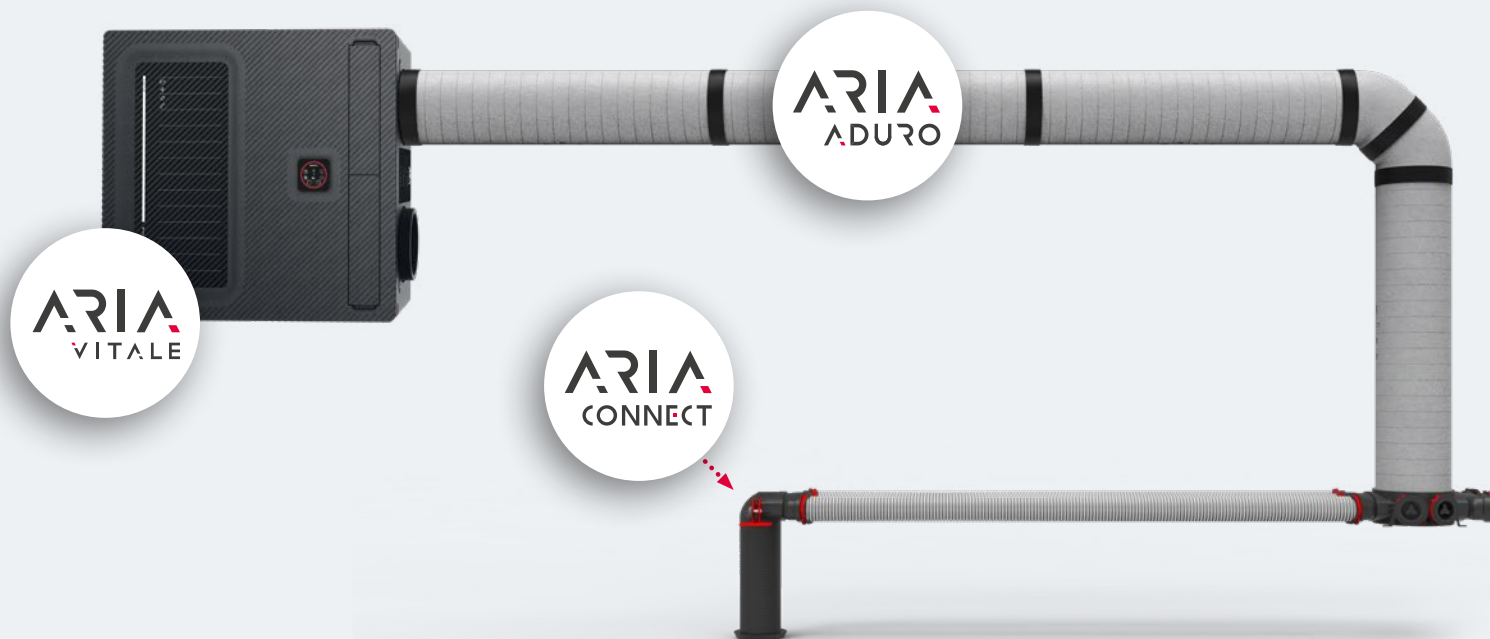
 HEATPEX

> heatpex.pl

HEATPEX ARIA

5 year
warranty
Complete
MVHR system
HEATPEX

Complete MVHR system
pays off more



HEATPEX
ARIA

ARIA
VITALE

Heat
recovery
ventilation
unit

+

ARIA
ADURO

Insulated
mass flow
ductwork

+

ARIA
CONNECT

Air distribution
ducting system

FIND OUT MORE ABOUT HEATPEX'S COMPLETE MVHR SYSTEM ON OUR WEBSITE > heatpex.pl

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ARIA
VITALE

Stylish, modern and efficient
heat recovery ventilation unit



Discover ARIA VITALE – stylish, modern and efficient heat recovery ventilation unit

Ventilation - key to a healthy home.

**Without proper ventilation,
the house does not „breathe“.**

**That was the reason for HEATPEX to develop a device designed to ensure
the highest air quality in your environment.**

ARIA VITALE MVHR unit has been designed in the spirit of the so-called “sustainable design”, i.e. where the choice of construction materials and technical solutions translate to durability, functionality and environmental aspect of the product. We have used the **best components** focusing on speed and simplicity of assembly and operation. The **innovative use of EPP material for the casing created a lightweight unit with high acoustic parameters and aesthetic appearance**, while reducing the environmental footprint.

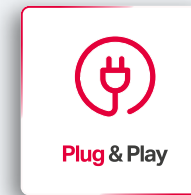
ARIA VITALE is **the only such product on the market that can be mounted in 6 positions without compromising the efficiency of operations**. The installation and service are extremely easy. Simple and intuitive touch-screen control panel completes the picture.



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ARIA VITALE

ARIA VITALE comes in **3 unique models (Silver, Gold, Platinum)** that can be easily matched to your needs. The MVHR unit contains a **great number of practical features and solutions** (Wi-Fi and wireless connectivity, glass touch-screen control panel, 100% by-pass, built-in pre-heater, mounting brackets), affecting the comfort and simplicity of everyday use.



SILVER

NOISE LEVEL **44,9 dB(A)**
INCLUDES **Temperature sensor**

GOLD

NOISE LEVEL **52,5 dB(A)**
INCLUDES **Temperature sensor**
Humidity sensor
CO₂ sensor

PLATINUM Enthalpy

NOISE LEVEL **56,7 dB(A)**
INCLUDES **Temperature sensor**
Humidity sensor
CO₂ sensor

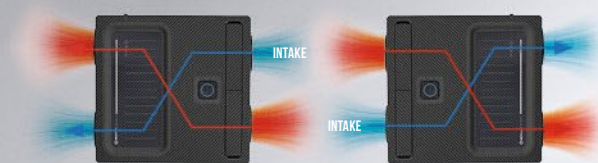
FLOW RATES **300 / 450 / 600 m³/h**



6 mounting options

Versatility & simplicity of installation

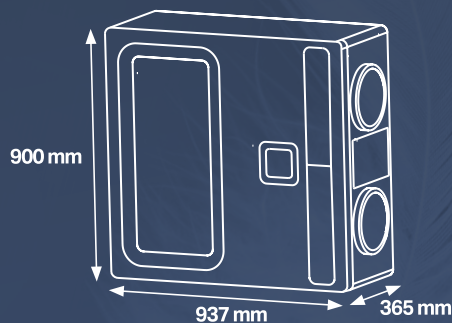
ARIA VITALE is the only heat recovery unit on the market today with 6 installation configurations – **3 different positions** (floor, wall and ceiling) and **2 sides** – left or right.



Left or right-hand installation for each version

Light-weight and compact device

Easy installation due to low weight.



36 cm

Depth is only 36 cm

27,5 kg » 40 %

Weight

40% lower weight
compared to most
competitors

ARIA ADURO COMPATIBLE

Epp connection
stub pipes diameter
200 mm



**The MVHR packaging contains custom-fit
mounting brackets with built-in spirit levels.**



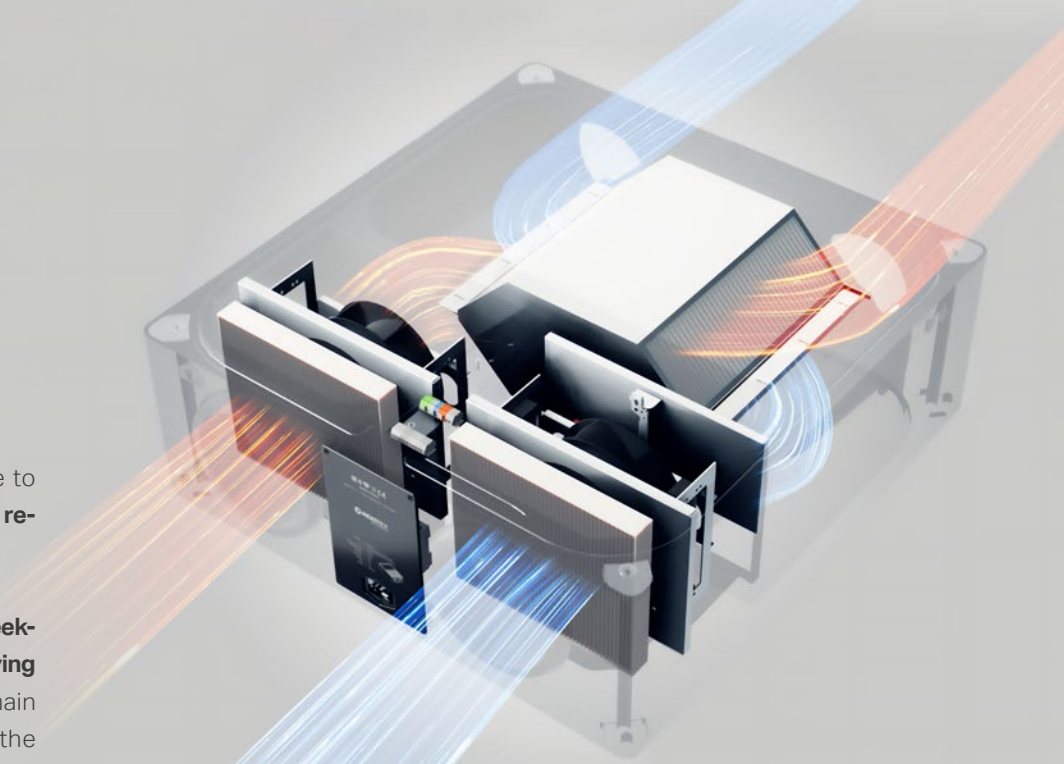
Additionally, to ease
the installation, use
a 1:1 mounting template
(printed on the back
of the cardboard box).



Efficient and energy saving

The MVHR unit is characterised by high efficiency due to carefully **selected high quality heat exchangers** of **energy recovery up to 95%**.

In addition, the automated control unit used includes **weekly programming cycles**, which offers the **possibility of saving up to 30%** energy compared to manual operation. Quick main functions on the control panel, e.g. "holiday" minimise the unit's operation and provide further savings.



ENERGY EFFICIENCY UP TO

95%

ENERGY SAVING UP TO

30%

TECHNICAL DATA

	ARIA VITALE 300	ARIA VITALE 450	ARIA VITALE 600		ARIA VITALE 300	ARIA VITALE 450	ARIA VITALE 600		
Maximum air flow	300 m ³ /h	450 m ³ /h	600 m ³ /h	Exchanger type	Recuperative plastic counterflow heat exchanger (Silver and Gold)				
Dimensions (h / w / d)	900 mm / 937 mm / 365 mm				Recuperative plastic counterflow enthalpy exchanger (Platinum)				
Mass	27,5 kg								
Inlet / outlet connections diameter	Ø 200			Energy consumption class	Cold	A+	A+	A+	
Drain connection diameter	Ø 10				Average	A+ / A (Platinum)	A	A / B (Platinum)	
IP rating	IP 40				Warm	E	E	E	
Power supply	230V / 50Hz			Factory fans settings	1	2	3	Party mode	Holiday mode
Fans rated power	2 x 85 W	2 x 160 W	2 x 160 W		30%	50%	70%	100%	25%
Preheater rated power	1000 W	2000 W	2000 W						
Filter class	ePM ₁ , 70% (F7) – supply ePM ₁₀ , 50% (M5) – extract			ARIA VITALE 300 [m ³ /h]	90	150	210	300	75
Sound power level through casing	44,9 dB(A)	52,5 dB(A)	56,7 dB(A)	ARIA VITALE 450 [m ³ /h]	135	225	315	450	113
				ARIA VITALE 600 [m ³ /h]	180	300	420	600	150



ARIA VITALE design features



Comes **as standard** with

- ✓ Wi-Fi / wireless connection enabled
- ✓ Flat glass touch screen control panel
- ✓ Antifrost system with preheater
- ✓ Summer 100% by pass
- ✓ Mounting brackets and legs

Simple and intuitive controls

Pre-defined operating modes



No expert knowledge is required – the control panel is simple and intuitive. Pre-defined operating modes and **sensors that automatically react to unfavourable air conditions** optimise the unit's operation in terms of comfort, noise and energy consumption



HOLIDAY MODE



PARTY MODE



AUTOMATIC MODE

Plug & play philosophy



The unit is designed according to Plug-and-Play philosophy, **pre-wired and pre-configured**. Once plugged in, it is immediately ready to use.



Plug & Play

Advanced settings



Wi-Fi

ARIA myHome app

Aria myHome app for advanced settings (available through phone and computer).

ARIA
myHOME



Wi-Fi Remote control



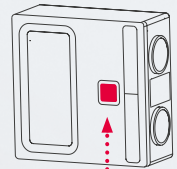
DISCOVER ARIA VITALE MVHR UNIT

Removable control panel

Touch-screen control panel can be detached and fitted on the (living-room) wall. A practical solution when the unit is installed in the attic. **Control panel dummy** and a power cable included.

Mounting options

Wall **or** MVHR unit



Airtight and silent

ARIA VITALE heat recovery unit EPP casing and front panel have **the highest wall thickness on the market (50 mm)**. This allows the unit to operate quietly, especially at night time.

The applied wall thickness, combined with EPP connection stub pipes and the use of locks, **completely removes thermal bridges in the unit**, ensuring high tightness.

NOISE LEVEL
OF ARIA VITALE
300 m³/h IS ONLY

44,9 dB(A)

MODEL	300 m ³ /h	450 m ³ /h	600 m ³ /h
NOISE LEVEL	44,9 dB(A)	52,5 dB(A)	56,7 dB(A)



Highest indoor air quality for You and your family

Enthalpy heat exchanger with antimicrobial and antiviral membrane

Counterflow enthalpy exchanger with antibacterial and antiviral membrane – protection against viruses, including SARS-CoV-2, bacteria, mould, unpleasant odours and biological pollutants.



The durable polymer membrane ensures:

- high coefficient of **thermal conductivity** and **moisture transfer**
- resistance to **acids, alkalis** and **salts** (necessary to ensure stable operation)
- **tear and puncture** resistance
- excellent resistance to **environmental influences and temperature** fluctuations from -25°C to 50°C
- low **air permeability**

ARIA VITALE is equipped with **high-class cartridge filters** that effectively protect you and your loved ones against smog, bacteria, viruses and pollen.

EXTRACT AIR: **M5** ISO ePM₁₀ 50%

FRESH AIR: **F7** ANTI-SMOG FILTER **or** **M5** ACTIVATED CARBON FILTER

F7 ISO ePM₁ 70% (ePM₁ 73,27% | ePM_{2,5} 80,23% | ePM₁₀ 91,94%) **or** **M5** with activated carbon



Hidden **functionalities**

The front panel of the unit hides several practical features

Firstly, a washable glass memo board allows the user to jot down important messages, e.g. the service engineer's phone number or filter replacement dates.

Secondly, the control panel / display unit located on the front is removable, and for the user's convenience, can be moved, for example, to a wall.

Thirdly, the slots for changing filters also act as a storage compartment for a **marker pen and TORX keys**.





Timeless **design**

The **EPP (expanded polypropylene) material** used in the construction of the MVHR unit is characterised by its **low weight and high ductility**.

To add **more elegance and dynamism**, unique texture and additional grooves were introduced on the surface of the casing. This has **practically reduced the external surface area by half**, and large continuous sections with the same texture were eliminated.

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