

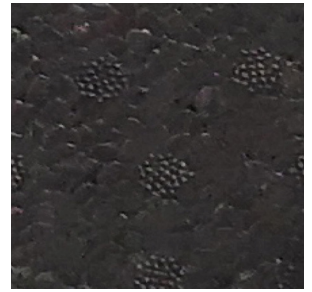


**VERY GOOD DEAL
SIMPLY**

What it an expanded polypropylene?

Expanded polypropylene, or EPP, is a versatile plastic that resembles standard polystyrene in appearance (especially in terms of the material's structure). Nothing could be further from the truth, because, unlike polystyrene, EPP has excellent strength parameters, so the material is not as fragile.

Because of its properties, the material is increasingly getting recognition globally as a material that can be used across a variety of industries, including ventilation.



ALNOR[®] ventilation systems

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Product selection



	PremAIR	SlimAIR	MinistAIR
Air flow m³/h @100Pa	350/450/500	250/350/500	250/325
Installation			
Wall - horizontal		✓ / ✓ / -	✓
Wall - vertical	✓	✓	✓
Ceiling		✓	
Floor	✓		✓
Cupboard			✓
Right/left			✓
Energy class	A / A+	A / A+	A / A+
Basic info			
Heat recovery efficiency max [%]	90/90/83	90/94/95	96
Max power consumption [W]	150/220/220	91/123/207	106/145
Lwa dB [A]	49/51/49	50/49/51	48/49
HxWxL [mm]	906 x 730 x 502	242 x 1070 x 685 300 x 1180 x 735 300 x 1300 x 898	822 x 550 x 560
Weight [kg]	35	25/36/39	25
Duct connection [mm]	160	160/200/200	160
Casing	EPP	EPP	EPP
Heat exchanger	aluminium	plastic PET	plastic PET
Functions & options			
Preheater (build-in)		✓	✓
ERV (enthalpy)	✓	✓	✓
Zoning system	✓	✓	✓
Wireless control	✓	✓	✓
Mobile app	✓	✓	✓
Connection to ground heat exchanger	✓	✓	✓
Cooperation with the kitchen hood	✓	✓	✓

PremAIR series heat recovery units



EPBD

PCDB

Key features

- Heat recovery:
-up to 90%
- Enthalpy exchangers with antimicrobial properties of the membrane, resistant against mold and bacteria
- High-tech modern casing made of EPP
- High mechanical resistance
- High thermal and acoustic insulation
- Modulated by-pass
- Constant Flow system
- Free-cooling and free-heating functions
- Performance tested according to EN 13141-7 standard
- Complies with Eco-design
- Wall mounting racks and feet included
- Replaceable duct connections
- Wireless control through mobile application or web browser
- Remote control possible by any CO₂ or RH wireless sensor
- Light weight construction – only 35 kg!
- POLISH product

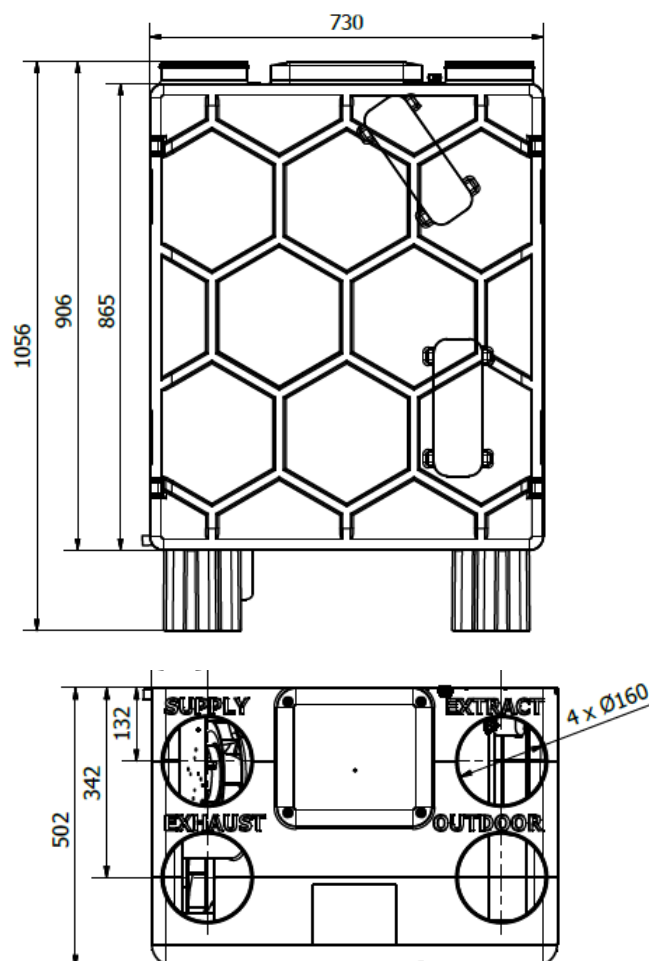
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Available models

- HRU-PremAIR-350 - aluminium counterflow heat exchanger
- HRU-PremAIR-350E - counterflow enthalpy exchanger (heat and moisture recovery)
- HRU-PremAIR-450 - aluminium counterflow heat exchanger
- HRU-PremAIR-450E - counterflow enthalpy exchanger (heat and moisture recovery)
- HRU-PremAIR-500 - aluminium counterflow heat exchanger
- HRU-PremAIR-...-CF - all model PremAIR can be equipped with the **Constant Flow** system

Dimensions



Technical data

	HRU-PremAIR-350 HRU-PremAIR-350-CF	HRU-PremAIR-350E HRU-PremAIR-350E-CF	HRU-PremAIR-450 HRU-PremAIR-450-CF	HRU-PremAIR-450E HRU-PremAIR-450E-CF	HRU-PremAIR-500 HRU-PremAIR-500-CF
Air flow [m³/h] @ 100Pa	350	350	450	450	500
Maximal efficiency [%]	90,3	91,2	90,3	91,2	82,6
Efficiency [%] (acc. 1254/2014)	85,5	84,7	85,2	82,1	81,5
Heat exchanger	counterflow, aluminium	counterflow, enthalpy	counterflow, aluminium	counterflow, enthalpy	counterflow, aluminium
Voltage [V/Hz]	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50
Max. power consumption [W]	150	150	220	270	220
Sound power level L_{WA} [dB (A)]	49	49	51	51	49
Weight [kg]	35	35	35	35	35
Filters	ISO Coarse 70% ISO ePM1 55% (optional)				

MinistAIR series compact heat recovery units



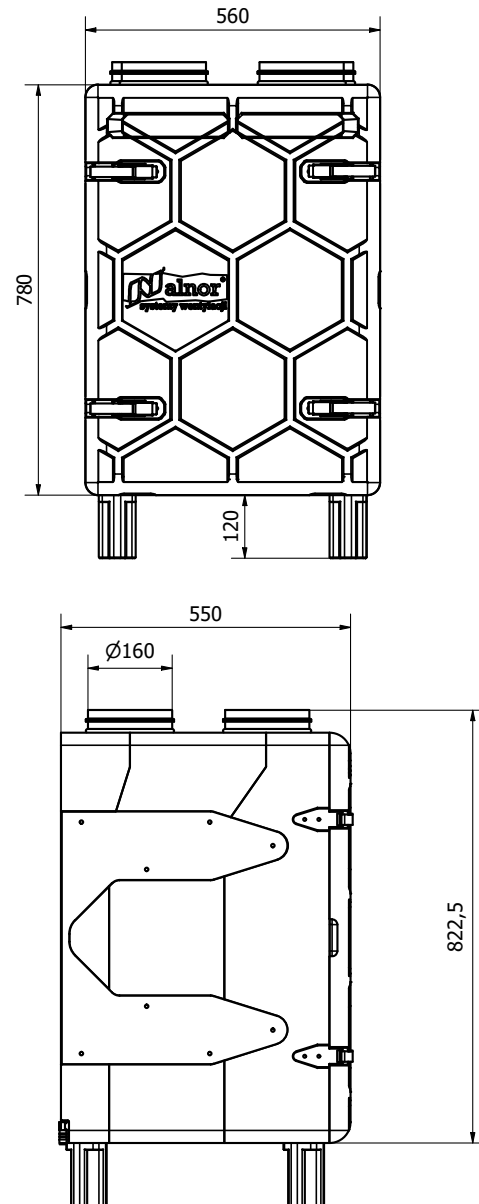
Key features

- Heat recovery:
 - up to 96%
- Mounting in 3 configurations:
 - wall-mounted vertically
 - wall-mounted horizontally
 - standing on the floor
- Left-hand and right-hand units (mirror image of the connections)
- A horizontal model for both left and right configuration
- Two condensate drains. By designing the inclinations in EPP, excess water can flow freely to the drain connector
- Replacement of filters is easy without opening the cover
- Compact dimensions. The unit's width is only 560mm. Units can be installed in standard 600mm cupboards thanks to these dimensions.
- Modulated by-pass
- Constant Flow system
- Free-cooling & Free-heating functions
- Performance tested acc. to EN 13141-7 standard
- Complies with Ecodesign
- Wall mounting racks and feet included
- Replaceable duct connections
- Wireless control through mobile application or web browser
- Remote control possible by any CO₂ or RH wireless sensor
- Light weight construction – only 25 kg!
- POLISH product

Available models

- HRU-MinistAIR-250 - counter-flow heat exchanger
- HRU-MinistAIR-250E - enthalpy exchanger (heat and moisture recovery)
- HRU-MinistAIR-325 - counter-flow heat exchanger
- HRU-MinistAIR-325E - enthalpy exchanger (heat and moisture recovery)
- HRU-MinistAIR-...-CF - all model MinistAIR can be equipped with the **Constant Flow** system (on request).
- HRU-MinistAIR-...-H - all model MinistAIR can be equipped with the electric pre-heater (on request).

Dimensions

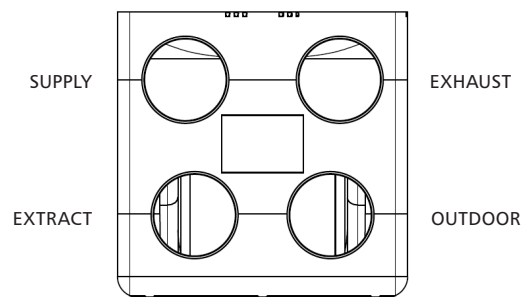


Technical data

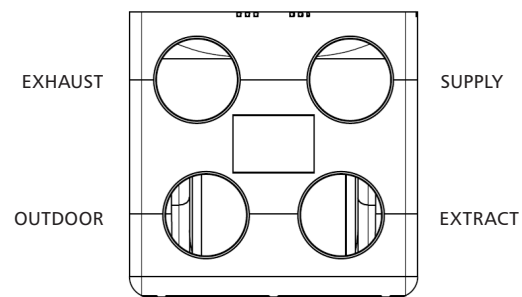
	HRU-MinistAIR-250/ HRU-MinistAIR-250-CF	HRU-MinistAIR-250-CE	HRU-MinistAIR-325/ HRU-MinistAIR-325-CF	HRU-MinistAIR-325-E
Air flow [m ³ /h]	250	250	325	325
Maximal efficiency % ¹	96,0	85,0	95,5	85,0
Efficiency % (acc. 1254/2014) ²	90,2	82,4	88,1%	78,5
Heat exchanger	counterflow	counterflow, enthalpy	counterflow	counterflow, enthalpy
Voltage [V/Hz]	230 / 50	230/50	230 / 50	230/50
Maximum power consumption [W]	106	94	145	135
Sound power level L_{WA} [dB (A)]	48	48	49	45
Weight [kg]	25	25	25	25
Filters	ISO Coarse 70% ISO ePM1 55% (optional)			

Available models

HRU-MinistAIR-...-L

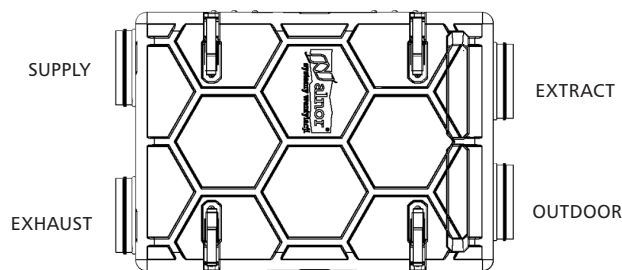


HRU-MinistAIR-...-R

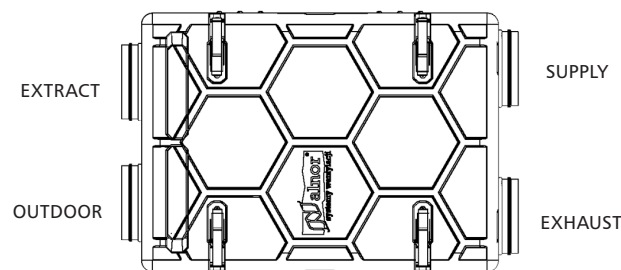


The position of the SUPPLY and EXHAUST can be altered, enabling horizontal position:

HRU-MinistAIR-...-LS



HRU-MinistAIR-...-RS



SlimAIR series ceiling and wall-mounted heat recovery units



EPBD

PCDB

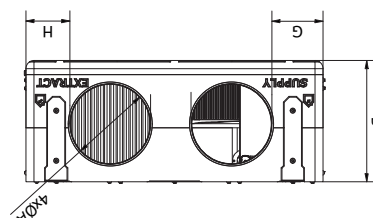
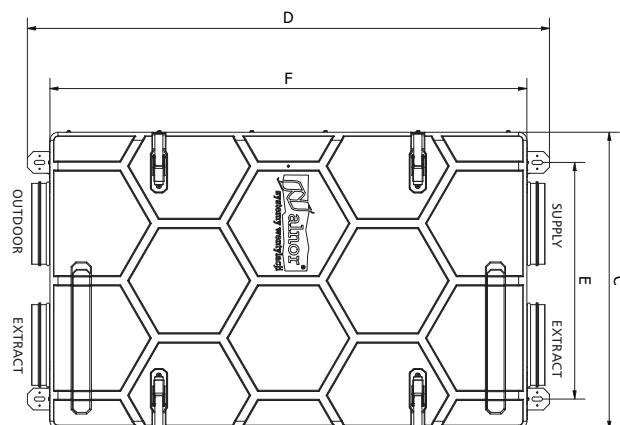
Key features

- Heat recovery:
 - up to 95 %
- 3-position mounting and 2 condensate drains
- Access to filter replacement from two sides
- Only 242mm high (for 250 from model)
- Light-weight construction - only 25.5 kg
- CF constant flow system
- Built-in pre-heater
- PET or enthalpy exchanger (moisture recovery)
- One person installation thanks to a special mounting rack
- An easy-to-access USB port
- Modern casing made of expanded polypropylene (EPP)
- High thermal and acoustic insulation of the casing
- Energy-saving EC fans
- Intelligent automatic bypass control
- Wireless control, also available through a mobile application (Android and iOS systems).
- Wireless sensors for DCV (Demand Control Ventilation): CO₂ and RH
- Replaceable duct connectors

Available version:

HRU-SlimAIR-250-H	- PET counterflow heat exchanger
HRU-SlimAIR-250E-H	- enthalpy counterflow heat exchanger
HRU-SlimAIR-350	- PET counterflow heat exchanger
HRU-SlimAIR-350E	- enthalpy counterflow heat exchanger
HRU-SlimAIR-500	- PET counterflow heat exchanger
HRU-SlimAIR-500E	- enthalpy counterflow heat exchanger
HRU-SlimAIR-...-CF	- all model SlimAIR can be equipped with the Constant Flow system (on request).

Dimensions



	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]
SlimAIR-250	160	242	685	1172	505	1070	143	120
SlimAIR-350	200	300	735	1292	585	1180	126,5	108,5
SlimAIR-500	200	300	898	1416	690	1300	153,7	163

Technical data

Model	HRU-SlimAIR-250-H HRU-SlimAIR-250-H-CF	HRU-SlimAIR-250E-H HRU-SlimAIR-250-H-CF	HRU-SlimAIR-350/ HRU-SlimAIR-350-CF	HRU-SlimAIR-350E/ HRU-SlimAIR-350E-CF	HRU-SlimAIR-500/ HRU-SlimAIR-500-CF	HRU-SlimAIR-500E/ HRU-SlimAIR-500E-CF
Air flow [m³/h] @ 100P	250	250	350	350	500	500
Maximal efficiency %	89,9	85,6	94,0	91,0	95,2	89,0
Efficiency % (acc. 1254/2014)	85,0	75,3	85,6	76,9	85,0	75,4
Heat exchanger	counterflow, PET	enthalpy	counterflow, PET	enthalpy	counterflow, PET	enthalpy
Voltage [V/Hz]	230 / 50	230 / 50	230/50	230/50	230/50	230/50
Maximum power consumption [W]	91,5	90,3	123,0	146,0	207,0	247,0
Sound power level L_{WA} [dB (A)]	50	50	49	49	51	51
Weight [kg]	25,5	25,5	36,0	36,0	44,0	44,0
Filters	ISO Coarse 70% / ISO Coarse 70%					
Pre-heater power [W]	1000	1000				
Built-in pre-heater	✓	✓	-	-	-	-
Outdoor pre-heater	-	-	✓ (option)	✓ (option)	✓ (option)	✓ (option)
RH sensor (built-in)	-	-	✓	✓	✓	✓

ALNOR® ventilation systems

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Heat Recovery Unit PremAIR, SlimAIR and MinistAIR

Controllers and sensors

Ventilation units can be controlled in several ways:

Application for Android, iOS and via a browser (via the HRQ-GATE internet gateway)



Aplikacja



HRQ-GATE

The gateway is connected to the local network via the Ethernet port. Communication with the device is wireless. On-line control is possible after installing the application on Android and iOS or via a browser on a computer. The application graphically illustrates the operation of the device, allows you to change modes and read basic parameters.

Controller LCD, flush-mounted (HRQ-BUT-LCD)



This version has an LCD display, allows you to select 1 of 7 operating modes, program the calendar and read additional operating parameters such as temperatures, current fan speeds or the by-pass status. It also allows you to configure ventilation speeds (according to user preferences).

4-button controller



HRQ-BUT-LM11



HRQ-BUT-LM04

This controller allows you to choose between 4 modes. The LM04 model has an AUTO button (instead of PARTY), recommended when there is at least 1 CO2 or RH sensor in the system. Signalling of operation and errors by means of a LED diode.



The HRQ-SW3-I rotary switch is an option for wired control of the ventilation unit and allows you to choose between 3 speeds (AWAY, HOME, HOME +)

Control via CO₂ and RH sensors (we recommend as additional control).



HRQ-SENS-I-CO2
(flush-mounted)



HRQ-SENS-CO2



HRQ-SENS-RH

Each sensor also functions as a controller - it allows you to select from manual modes and, of course, engage AUTO mode. Indicates errors or dirty filters, but there is no filter status reset option.

Motion sensor **HRQ-SENS-PIR:**



The sensor is designed to detect the presence of a person by motion detection and increase the ventilation demand (70% for 15 minutes). In addition, through a relay, the sensor can switch on the light.

Modbus gate (**HRQ-MODBUS**),
































HRQ-MODBUS gate, which allows to control the device using the universal modbus protocol and RS485 data transmission.

Note!

Controller is not included in the kit. During purchase, choose the controller that is right for you. Multiple controllers can be connected at once - e.g. 4-button controller and an Internet gateway.

Control options

Model	Photo	Communication with unit	Power supply	No of modes	AUTO mode*	Display	Calendar	Dirty filter signalization	Changing speed settings
HRQ-SW3-I		cable 	230V 	3	no	no	no	no	no
HRQ-BUT-LM11		wireless 	battery 	4	no	no	no	yes	no
HRQ-BUT-LM04		wireless 	battery 	4	yes	no	no	yes	no
HRQ-BUT-LCD		wireless 	230 V 	7	yes	yes	yes	yes	yes
HRQ-GATE		wireless 	230 V 	6	yes	yes	no	yes	no
HRQ-SENS-CO2		wireless 	230 V 	5	yes	no	no	yes	no
HRQ-SENS-I-CO2		wireless 							
HRQ-SENS-PIR		bezprowodowa 	230 V 	-	-	-	-	-	-
HRQ-SENS-RH		wireless 	battery 	4	yes	no	no	yes	no
HRQ-MODBUS		wireless 	n/d	7	yes	no	no	yes	no

* requires at least 1 CO₂ or RH sensor

Constant Flow (CF)

The Constant Flow system, whose task is to maintain a constant air flow in the installation. CF works by reading the difference between the dynamic pressure around the fan and the static pressure in the duct in front of the fan. The CF system constantly monitors the pressure in the ducts and if the resistance increases, it increases the speed of the fans to maintain a constant flow, such as on the first day when the ventilation unit was commissioned. During exploitation, the installation pressure is naturally disrupted (dirty filters, condensation of water in the heat exchanger, temperature difference changing the air mass). CF counteracts to those changes, thanks to which the airflows remain sustainable, and only a sustainable system takes full advantage of the air handling unit's capabilities.

Zoning

HRQ-2ZONE is a device designed for residential ventilation systems, dividing the air supply into two controlled and monitored zones. The air flow is controlled by motorized dampers, which are adjusted according to the demand sent by CO₂ sensors installed in each zone. Such a system allows for the detection of the inhabitant's presence and provides the right amount of fresh air in the right place at the right time.

Connecting the ground heat exchanger

Heat recovery unit has a possibility to connect the ground heat exchanger. This function allows you to control a valve that optionally supply air through the ground-to-air heating system. To do this, install a dedicated damper with the actuator (DATVTML).

Cooperation with the kitchen hood

The cooker hood can be connected to the MVHR system via the X25 contact on the main board of the SlimAIR heat recovery units. It is a potential-free contact. Short-circuits of contact inputs will result in an exhaust fan stopping completely during the period the contact is closed.

Demand Control Ventilation, DCV

The AUTO mode is the most energy-efficient and demand driven mode of SlimAIR units. Operation in the AUTO mode is possible when at least one carbon dioxide CO₂ or relative humidity RH sensor operates in the system. In AUTO mode, the sensor (or several sensors) generates the so-called ventilation demand based on ambient air measurements. This request is sent wirelessly to the control board, which sets the efficiency of the fans in the range defined by AWAY and HOME(+ offset) speeds. It means, that in the case of factory settings, the range will be 15-70%.

- The RH sensor will guard against excessive moisture. If there is a sudden increase in relative humidity (more than 3% within 24 seconds) or the reading exceeds 85%, the sensor will send 100% demand to the control panel to effectively and quickly reduce the RH level.
- The CO₂ sensor will keep the carbon dioxide concentration below the specified level (the factory default is 800 ppm, you can choose between 700,800,900,1000 and 1100 ppm) thanks to the proportional PID algorithm.

- This means that the request sent to the control board will change gradually over time until the CO₂ concentration decreases. HRU-PremAIR-SENS-CO₂ sensors have 2 AUTO modes: Comfort and Eco. Comfort is the basic setting (i.e. 800 ppm by default), while Eco increases the limit by 250 (i.e. 1050 by default).

The CO₂ sensor is available in the following versions:

surface-mounted

HRQ-SENS-CO



flush-mounted

HRQ-SENS-I-CO2



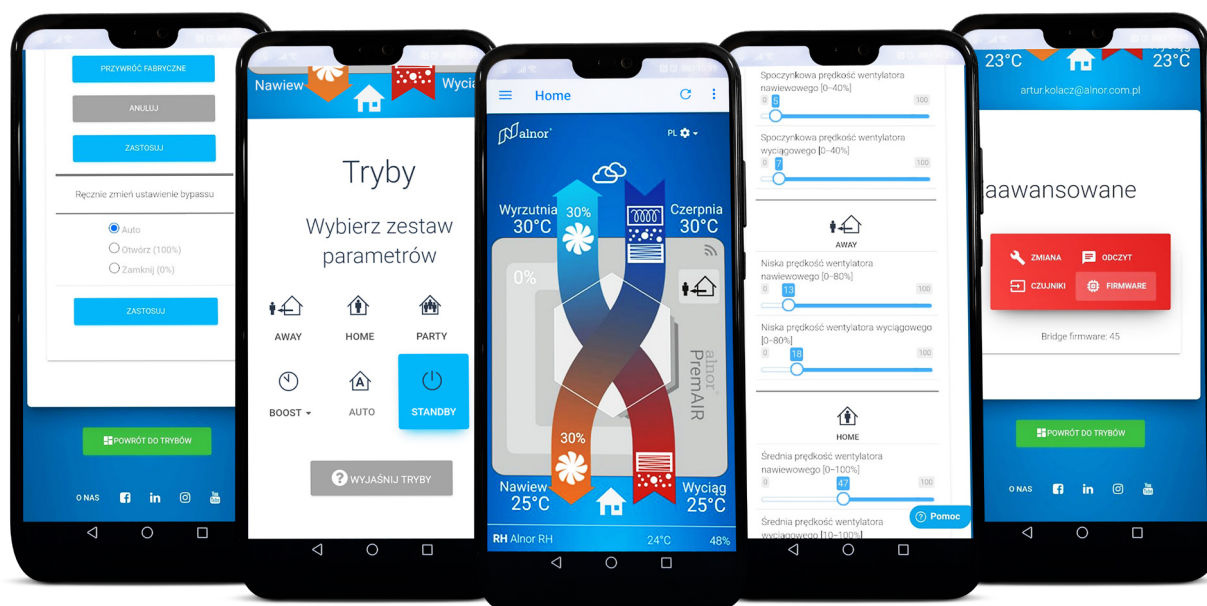
In case of having several sensors, the unit control board will operate according to the highest indication (highest request). In the absence of any demand from the sensors, the ventilation unit will run at AWAY speed (lowest setting).

Mobile application

Mobile application for controlling a home ventilation unit HRU-SlimAIR, HRU-PremAIR and HRU-MinistAIR by ALNOR. It allows to monitor and control the unit via local network and Internet as well:

- Mode selection (Away, Home, Party, Boost, Auto and Standby),
- Temperature readouts,
- Pomiar temperatur,
- Registering and displaying remote CO₂ and RH sensors readouts,
- Fans efficiencies
- Defrost mode,
- By-pass mode
- Filters conditions
- By-pass mode
- Filters conditions.

Available for download in Google Play and App Store: PremAIR



HRQ-2ZONE heat recovery system with zoning

What is the SmartAIR system?

SmartAIR system with zoning is the most intelligent and efficient system on the market. The ventilation system works independently, based on readings from sensors. Besides knowing how many people are in the house, the system also knows where they are. Thus, it provides the right amount of air at the right time and place. A situation like this can be achieved by zoning, i.e. by dividing the house into day and night zones in accordance with the natural cycle of the day of the household members.

The system continuously measures the air quality (CO₂ level) and when household members appear in a given zone, it will distribute the air proportionally to the CO₂ concentration readings. The readings generate a proportional increase or decrease of demand and an adequate unit flow rate. As a result, the heat recovery system blows only as much air as is required by the residents, and not necessarily as much as the installer set during commissioning.

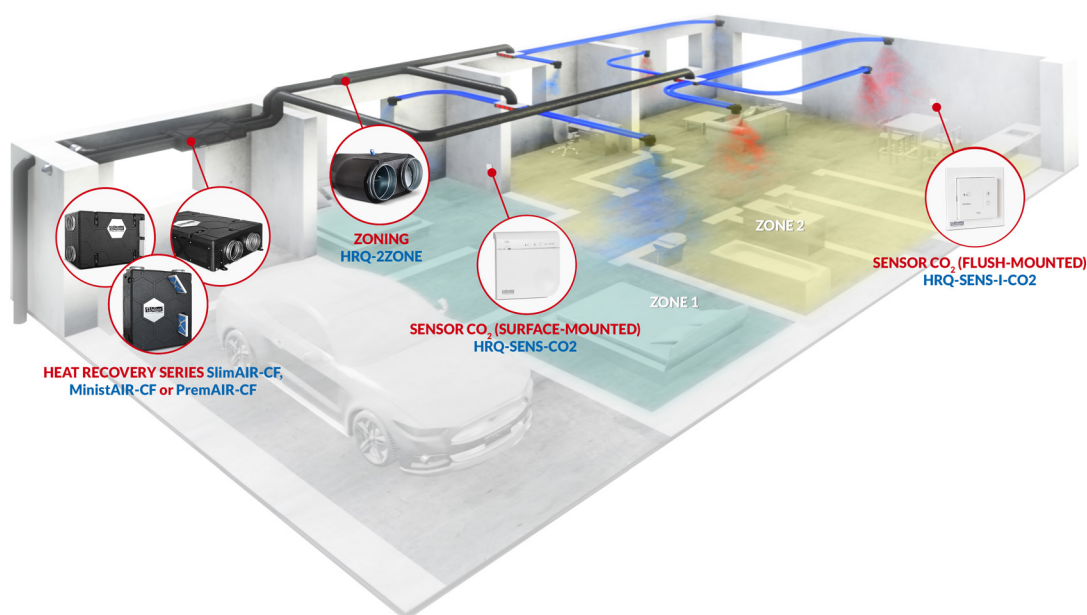
Key features

- Saves energy - the heat recovery unit uses less electricity,
- Enhanced comfort - the HRU is quieter,
- High efficiency - a controlled level of fresh air, as required,
- Less energy needed for heating,
- ECO - the most energy-efficient way to control a heat recovery system,
- SMART - the system designed to adapt to your needs.

HRQ-2ZONE system - what are its components?

Apart from the heat recovery unit with ducts, such a system will consist of:

- T-connector with two dampers, a drive, and its automatics
- 2 x CO₂ sensors (1 pc. per zone)



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HRQ-2ZONE - what is it?

HRQ-2ZONE is a device designed for residential ventilation systems, dividing the air supply into two controlled and monitored zones. The air flow is controlled by motorized dampers, which are adjusted according to the demand sent by CO₂ sensors installed in each zone.

Wireless communication with the RAHU and CO₂ sensors reduces installation time and costs, while Demand Controlled Ventilation (DCV) is the key to high performance and low energy consumption.

Thermally insulated EPP ducts and fittings



Key features

- Light and durable design
- Quick installation (we do not need any additional mounting accessories such as screws, tapes, etc.)
- Simple assembly
- No special skills are required to connect EPP elements,
- Pipes and fittings are push-fit connected,
- Ducts can be cut according to our needs with a knife or saw
- A limited number of system components - only 3-4 pieces
- No thermal bridges

Technical data	PN-EN 17192 15mm	PN-EN 17192 43mm
Air tightness	ATC2 (D) ≤ 90 Pa ATC3 (C) ≤ 1000 Pa	ATC2 (D) ≤ 90 Pa ATC3 (C) ≤ 1000 Pa
Service temperature	-25°C do +80°C	-25°C do +80°C
Reaction to fire	D-s3,d2 (DN 125) E (DN 160,200)	E
Resistance	No deformation at 3% deflection and 35kN load	No deformation at 3% deflection and 291kN load
Thermal conductivity	$\lambda = 0,038 \text{ W/(m}\cdot\text{k)}$	$\lambda = 0,038 \text{ W/(m}\cdot\text{k)}$
Thermal resistance	$U = 0,3947 \text{ m}^2\text{K/W}$	$U = 1,131 \text{ m}^2\text{K/W}$
Microbial resistance acc to EN ISO 846	1a	1a

How can EPP ducts replace metal ones?

Lack of insulation on ventilation ducts is one of the most common assembly errors, which can lower heat recovery ventilation efficiency. A poor insulation method or quality of the insulation layer will result in condensation forming on the outside or inside of the duct. It is also possible that cold air will be blown in due to uninsulated ducting.

Our preinsulated EPP ducts and fittings offer an alternative solution for self-insulating HRV ducting. Expanded polypropylene material has excellent thermal insulation qualities, so ducts and fittings made of EPP can also act as an insulator. **Additional insulation is not needed.**

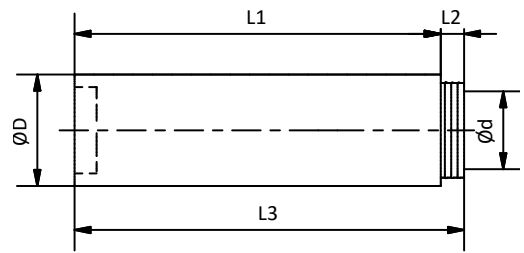
Properties



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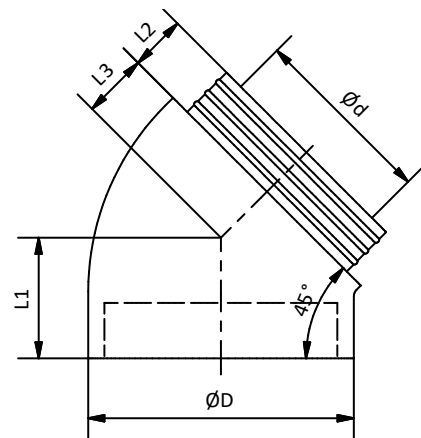
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EPP-15-SRGL / EPP-43-SRGL



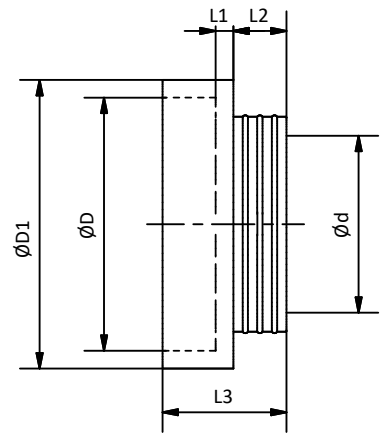
Product code	Ød [mm]	ØD [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]
EPP-15-SRGL-125-0100	125	150	950	50	1000
EPP-15-SRGL-160-0100	160	190	95	50	1000
EPP-15-SRGL-200-0100	200	230	950	50	1000
EPP-43-SRGL-125-0100	125	211	940	60	1000
EPP-43-SRGL-160-0100	160	246	940	60	1000
EPP-43-SRGL-200-0100	200	286	940	60	1000

EPP-15-BPF / EPP-43-BPF



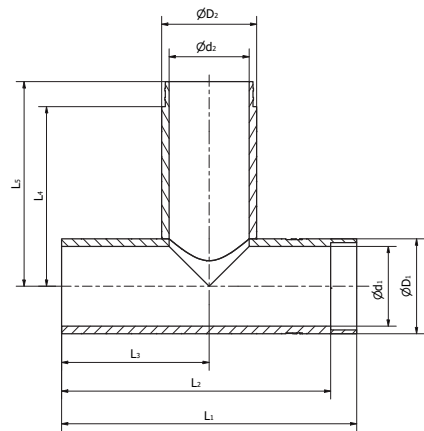
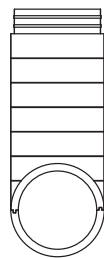
Product code	Ød [mm]	ØD [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]
EPP-15-BPF-125-45	125	155	90	50	40
EPP-15-BPF-160-45	160	190	105	50	55
EPP-15-BPF-200-45	200	230	120	50	70
EPP-43-BPF-125-45	125	211	114	60	54
EPP-43-BPF-160-45	160	246	122	60	62
EPP-43-BPF-200-45	200	286	130	60	70

EPP-15-MSF / EPP-43-MSF



Product code	Ød [mm]	ØD [mm]	ØD ₁ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]
EPP-15-MSF-125	125	155	179	10	50	179
EPP-15-MSF-160	160	190	214	10	50	214
EPP-15-MSF-200	200	230	254	10	50	254
EPP-43-MSF-125	125	211	251	20	60	140
EPP-43-MSF-160	160	246	286	20	60	140
EPP-43-MSF-200	200	286	326	20	60	140

EPP-15(43)-TPC



Product code	d ₁ [mm]	D ₁ [mm]	d ₂ [mm]	D ₂ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [szt.]	L ₄ [mm]	L ₅ [mm]
EPP-15-TCP-125-125	125	155	125	155	590	538	295	360	410
EPP-15-TCP-160-160	160	190	160	190	590	538	295	360	410
EPP-15-TCP-200-200	200	230	200	230	590	538	295	360	410
EPP-43-TCP-125-125	125	211	125	211	580	517	290	360	420
EPP-43-TCP-160-160	160	246	160	246	580	517	290	360	420
EPP-43-TCP-200-200	200	286	200	286	580	517	290	360	420

Thermally insulated **EPP** plenum boxes and manifolds from EPP

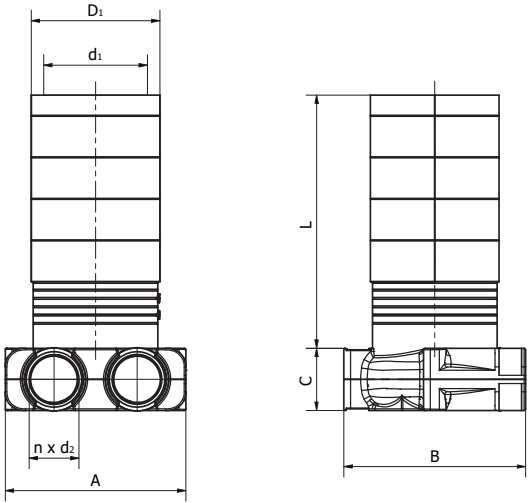


Key features

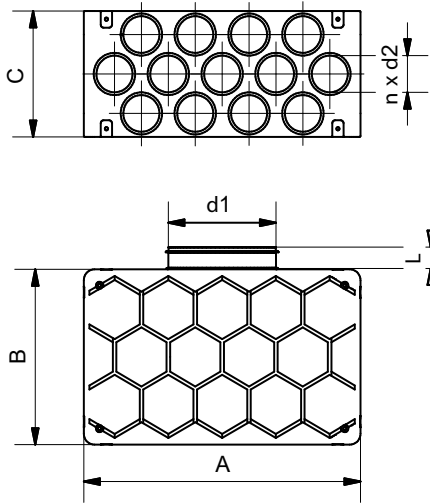
- High thermal insulation: EPP is an insulating material with $\lambda = 0.038 \text{ W/(m}\cdot\text{K)}$
- No need for additional insulation
- Reaction to fire: E
- Microbial resistance: 1a; acc to metod A PN-EN ISO 846:2019
- The contoured interior of the plenum box minimizes pressure drops
- The airtightness class C
- No additional sealant or tape required
- Corrosion resistant
- Simple and easy assembly - press-fit
- The plenum box body is made of EPP, the spigots are made of ABS, and TPE seals
- Excellent mechanical strength



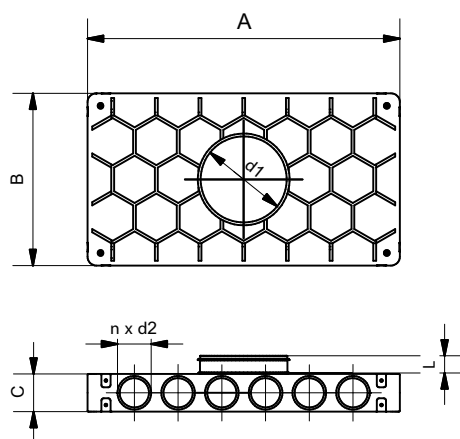
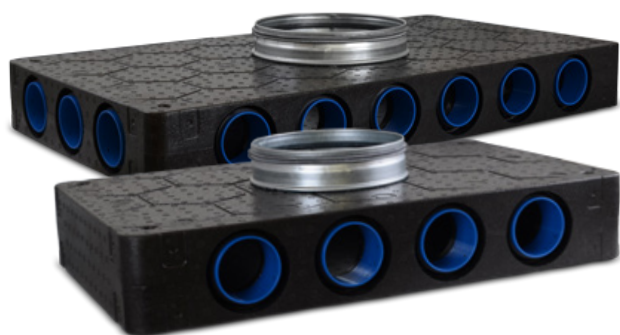
Dimensions



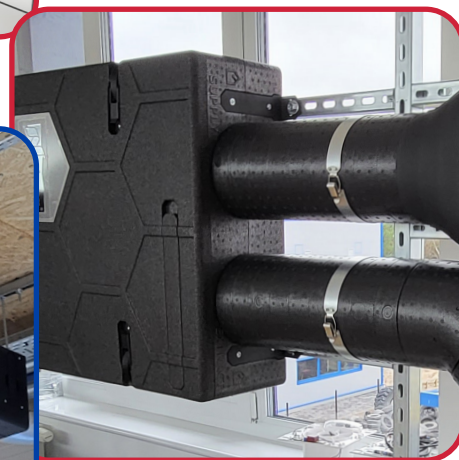
Product code	A [mm]	B [mm]	h ₁ [mm]	h ₂ [mm]	D ₁ [mm]	d ₁ [mm]	n [szt.]	d ₂ [mm]
FLX-PLO-EPP-75-1-100-F	134	194	75	80	125	100	1	75
FLX-PLO-EPP-75-2-125-F	217.5	219	75	80	150	125	2	75
FLX-PLO-EPP-L26-75-2-125-F	217,5	194	75	260	150	125	2	75
FLX-PLO-EPP-L30-75-2-125-F	217,5	194	75	305	150	125	2	75
FLX-PLO-EPP-L22-75-4-...-F	217,5	194	75	225	155/190/230	125/160/200	4	75
FLX-PLO-EPP-L30-75-4-...-F	514	320	86	300	155/190/230	125/160/200	4	75



Product code	A [mm]	B [mm]	C [mm]	L [mm]	d ₁ [mm]	n [pcs.]	d ₂ [mm]
FLX-PLO-EPP-R-P-75-13-d1	514	320	230	36	125-200	13	63
FLX-PLO-EPP-R-P-75-12-d1	514	320	230	36	125-200	12	63
FLX-PLO-EPP-R-P-75-11-d1	514	320	230	36	125-200	11	63
FLX-PLO-EPP-R-P-75-10-d1	514	320	230	36	125-200	10	63
FLX-PLO-EPP-R-P-75-9-d1	514	320	230	36	125-200	9	63
FLX-PLO-EPP-R-P-75-8-d1	514	320	230	36	125-200	8	63
FLX-PLO-EPP-R-P-75-7-d1	514	320	230	36	125-200	7	63
FLX-PLO-EPP-R-P-75-6-d1	514	320	230	36	125-200	6	63



Product code	A [mm]	B [mm]	C [mm]	L [mm]	d ₁ [mm]	n [pcs.]	d ₂ [mm]
FLX-PLO-EPP-R-75-2-4-2-4-d1	514	320	86	36	125-160	12	63
FLX-PLO-EPP-R-75-2-4-2-0-d1	514	320	86	36	125-160	8	63
FLX-PLO-EPP-R-75-0-4-0-4-d1	514	320	86	36	125-160	8	63
FLX-PLO-EPP-R-75-0-4-0-0-d1	514	320	86	36	125-160	4	63
FLX-PLO-EPP-R-75-2-4-0-0-d1	514	320	86	36	125-160	6	63
FLX-PLO-EPP-R-75-0-3-0-3-d1	514	320	86	36	125-160	6	63
FLX-PLO-EPP-R-75-2-2-2-2-d1	514	320	86	36	125-160	8	63
FLX-PLO-EPP-R-75-2-2-2-0-d1	514	320	86	36	125-160	6	63
FLX-PLO-EPP-R-75-3-6-3-6-d1	714	394	86	36	125-200	18	63
FLX-PLO-EPP-R-75-3-6-3-0-d1	714	394	86	36	125-200	12	63
FLX-PLO-EPP-R-75-3-5-3-5-d1	714	394	86	36	125-200	16	63
FLX-PLO-EPP-R-75-0-6-0-6-d1	714	394	86	36	125-200	12	63
FLX-PLO-EPP-R-75-0-5-0-5-d1	714	394	86	36	125-200	10	63
FLX-PLO-EPP-R-75-2-0-0-6-d1	714	394	86	36	125-200	8	63
FLX-PLO-EPP-R-75-2-5-2-5-d1	714	394	86	36	125-200	14	63
FLX-PLO-EPP-R-75-3-6-0-0-d1	714	394	86	36	125-200	9	63
FLX-PLO-EPP-R-75-0-6-0-0-d1	714	394	86	36	125-200	6	63
FLX-PLO-EPP-R-75-2-6-0-0-d1	714	394	86	36	125-200	8	63



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