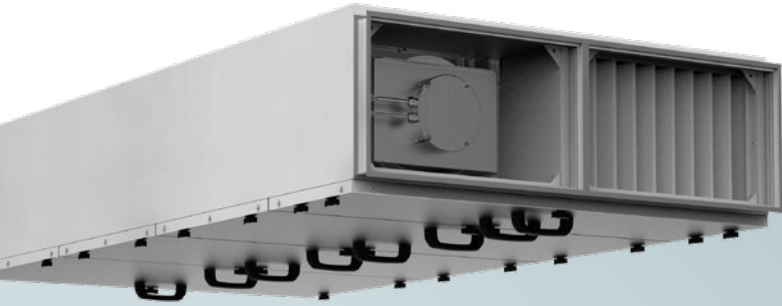


Klimör



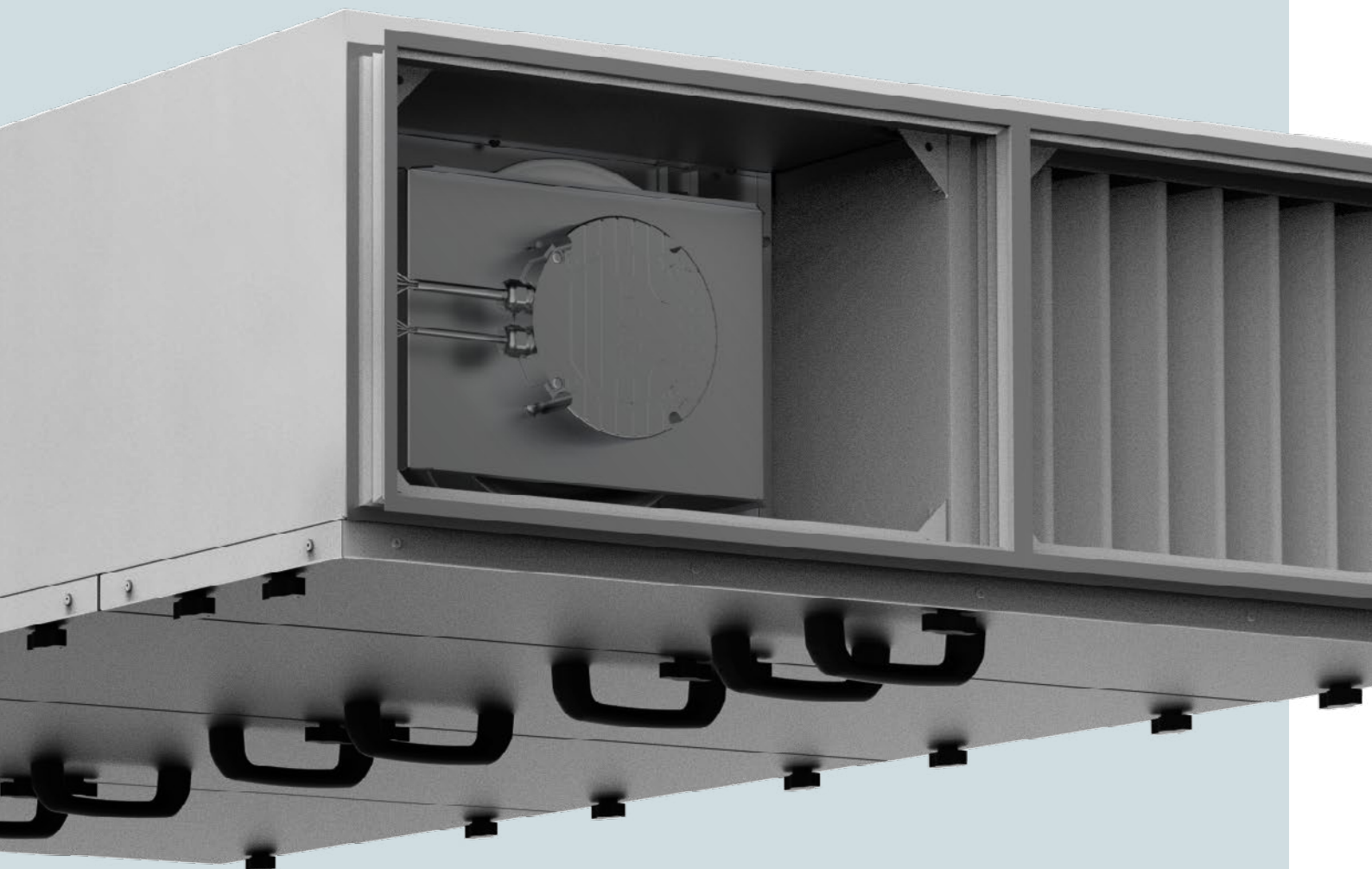
Compact ventilation units

Residential
& Commercial

Residential & Commercial



**WE
CARE
ABOUT
AIR**



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Our focus is on air quality and comfort – in the office, at home and in all rooms where people work and stay.

The effectiveness of air exchange and indoor air quality depend primarily on the proper operation of ventilation and air conditioning equipment. The core of our business is the supply of equipment that ensures optimum temperature and air quality parameters and guarantees the correct course of technological processes. As much as we care about the air, we also care about the surrounding business environment. Following the overriding idea of sustainable development, Klimor has set priorities based on a careful, pro-ecological approach to production activities, partnership with the Customer and care for human resources.



Houses



Offices



Restaurants



Schools



Shops



A



R

E



**WE
CARE
ABOUT
AIR**



Klimor is a Polish brand with a long tradition of providing top class solutions in the field of ventilation and air conditioning.

The company was established in 1967 in Gdynia and today is a leading manufacturer and supplier of standard and highly specialized HVACR products for land and maritime markets. KLIMOR products are a guarantee of high quality materials and components as well as care for the production process. All units are manufactured in Poland at the company's own production facilities.





40
over
countries

in which KLIMOR AHUs are operating

Certificates and approvals

ETL LISTED

The ETL Listed Mark is accepted throughout the United States when denoting compliance with nationally recognized standards such as ANSI, IEC, UL and CSA.

EUROPEAN STANDARD CONFIRMATION

Independent certification confirming compliance of execution with strict standards: EN 1886:2007, EN 13053:2019

ISO 9001 14001

Klimor products have certificates of compliance, issued by BV, confirming meeting of specific design and functional requirements

CE

Proves that products had been executed in line with European Union Directives and regulations.

EAC

Certificate of quality and compliance with standards and regulations of Russian Federation confirms that products underwent all certification procedures and that it meets the quality requirements and requirements of engineering and safety standards.

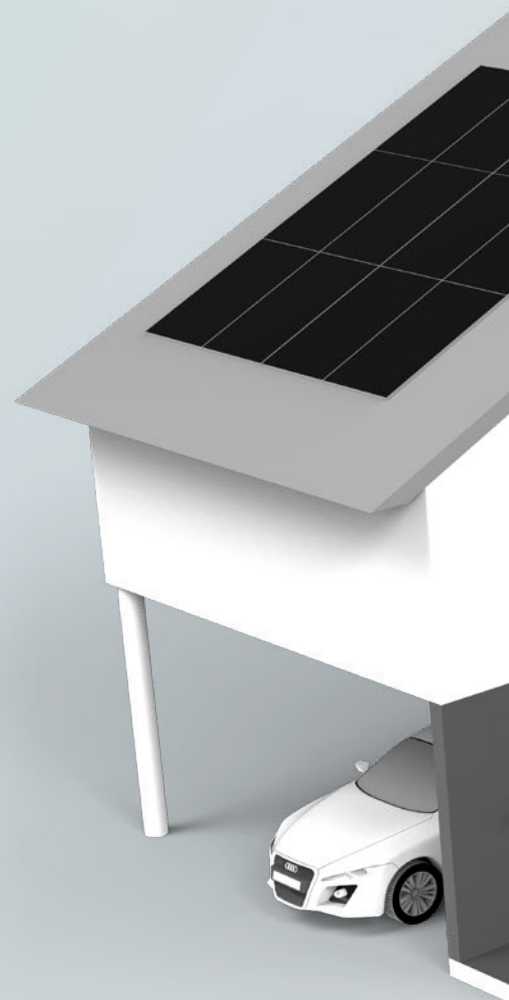
Residential Compact Ventilation Units

A line of air handling units designed for buildings of small cubature such as houses, offices, educational, service or commercial buildings.

Variety of model configurations

Offer of peripheral elements

Versatility



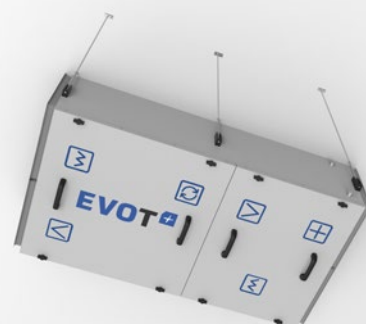
Our models:



KCX+



KCO+



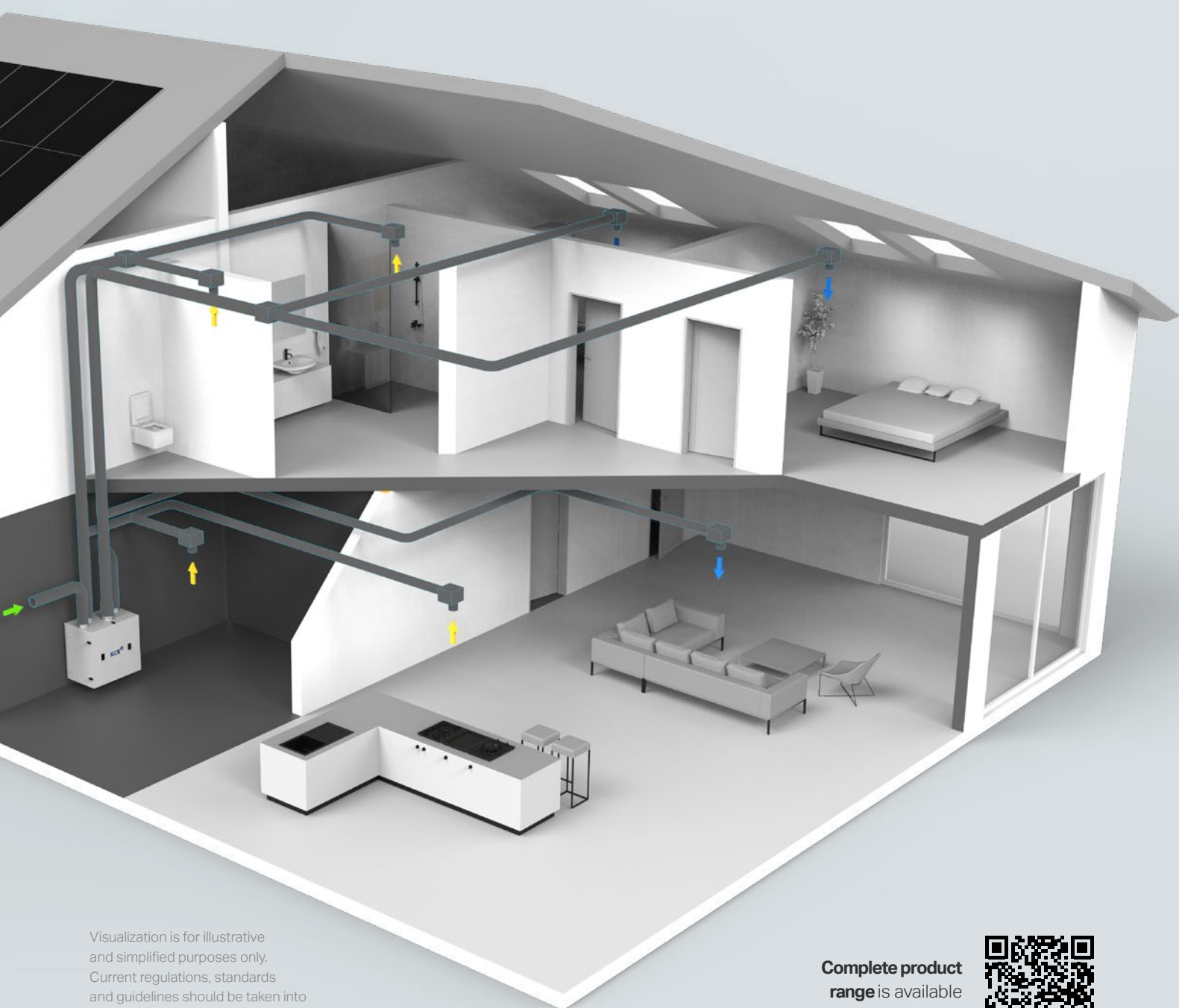
EVOT+

**WE
CARE
ABOUT
AIR**

Because we care

This group of products was created as an ideal way to ensure the air comfort of residents as well as to optimize operating costs. Klimor provides a selection of equipment, design support, delivery, installation, commissioning and

adjustment as well as professional warranty and service support. Klimor ventilation systems have been designed and manufactured in accordance with the latest technological trends.



Visualization is for illustrative and simplified purposes only. Current regulations, standards and guidelines should be taken into account in the specific solutions.

Complete product range is available on our website



KCX+



CHECK OUT
PRODUCT CARD

Air handling unit with counterflow heat recovery exchanger

 SIZES: 3

 NOMINAL CAPACITIES: 300 500 800 m³/h

 EXTERNAL PRESSURE: 160 180 130 Pa



Basic functions



Optional functions



About KCX+

KCX+ compact heat recovery units are plug-and-play units for mechanical air treatment (heat recovery, filtration, heating) in shops, apartments, homes and offices. The devices are designed to provide fresh air and remove contaminants. Heat recovery is carried out on a counterflow plate heat exchanger and is based on the exchange of heat between the exhaust and supply airflows.

Features

Casing 1

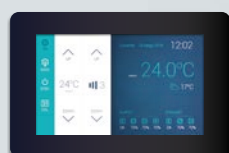
Insulation – EPP
Galvanised sheet metal coated

Heater 4

Electric pre-heater, integrated
Smooth PWM signal control

Control panel

4.3" touch panel
BASIC panel (option)
Built-in temperature sensor

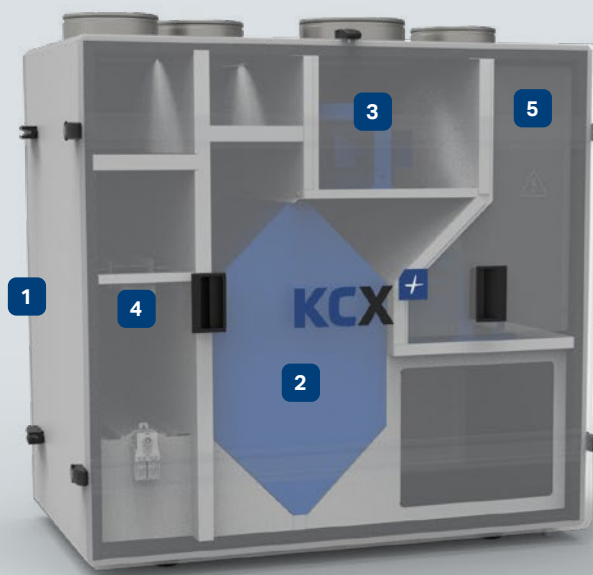


Heat recovery 2

Counterflow recuperator
100% by-pass
Free cooling function
Efficiency up to 92%

Fan set 3

High efficiency EC motors
Independently controlled supply and exhaust
Configured on the suction side of the heat recovery exchanger



Automation 5

Integrated
Connection to peripheral elements
Connection to CO₂, PM, VOC sensors

Communication

Modbus RTU, BACnet MS/TP
Optional Modbus TCP/IP,
BACnet IP, web server (www)

Working position

Standing
Suspended

KCO+



CHECK OUT
PRODUCT CARD

Air handling unit with rotary heat recovery exchanger

 SIZES: 3	 NOMINAL CAPACITIES:	300	500	800 m ³ /h
		 EXTERNAL PRESSURE:	100	120 130 Pa



Basic functions



Optional functions



About KCO+

KCO+ compact heat recovery units are plug&play units for mechanical air treatment (heat recovery, filtration, heating) in shops, flats, houses and offices. The unit is intended

for supplying fresh air and removing pollutants. Heat recovery is realised by a rotary exchanger and consists in heat exchange between exhaust and supply air streams.

Features

Casing 1

Insulation – EPP

Galvanised sheet metal coated

Heater 4

Secondary electric, integrated

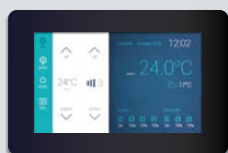
Smooth PWM signal control

Control panel

4.3" touch panel

BASIC panel (option)

Built-in temperature sensor



Heat recovery 2

Rotary regenerator

Free cooling function

Efficiency up to 88%

Fan set 3

High efficiency EC motors

Independently controlled supply and exhaust

Configured on the opposite side of the heat recovery exchanger



Automation 5

Integrated

Connection to peripheral elements

Connection to CO₂, PM, VOC sensors

Communication

Modbus RTU, BACnet MS/TP

Optional Modbus TCP/IP, BACnet IP, web server (www)

Working position

Standing

Horizontal (optional)

EVO-T+



CHECK OUT
PRODUCT CARD

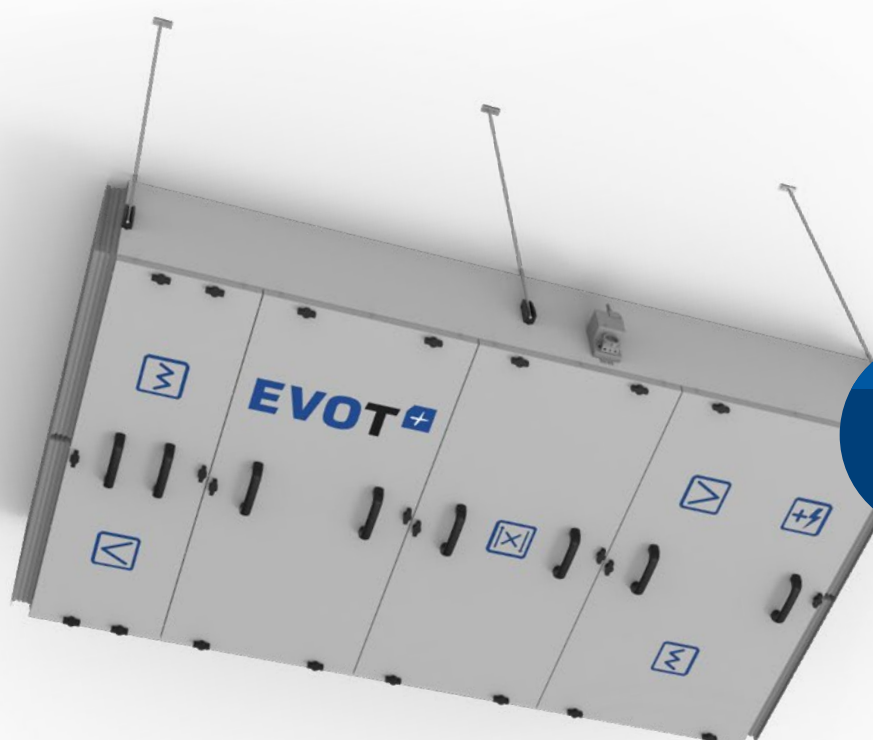
Suspended air handling unit with counterflow or rotary heat exchanger

 SIZES: 3

 NOMINAL CAPACITIES: 300 500 800 m³/h

 EXTERNAL PRESSURE: 150 150 170 Pa 

 EXTERNAL PRESSURE: 95 70 80 Pa 



HEIGHT:
**only
355
mm**

Basic functions



Optional functions



About EVO-T+

EVO-T+ units function as closed, supply and exhaust air handling units with heat recovery, using high efficiency counterflow or rotary heat recovery exchangers.

Features

Casing 1

Insulation – EPP

Galvanized sheet steel

Height H=355 mm*

Heater 4

Secondary electric or water, integrated

Smooth PWM signal control

Automation 5

Embedded inside the device

Connection to peripheral elements

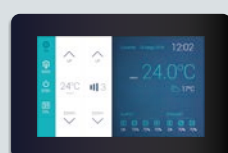
Connection to CO₂, PM, VOC sensors

Control panel

4.3" touch panel

BASIC panel (option)

Built-in temperature sensor



Heat recovery 2

Counterflow recuperator
CPR / rotary regenerator RR

CPR counterflow recuperator
with 100% by-pass

Free cooling function

CPR efficiency up to 91%

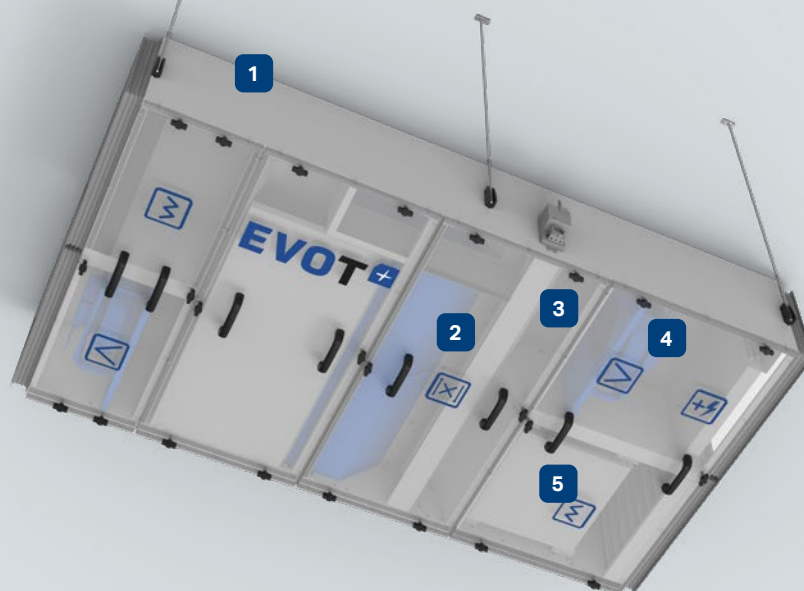
RR efficiency up to 80%

Fan set 3

High efficiency EC motors

Independently controlled
supply and exhaust

Configured on the opposite sides
of the heat recovery exchanger



Communication

Modbus RTU, BACnet MS/TP

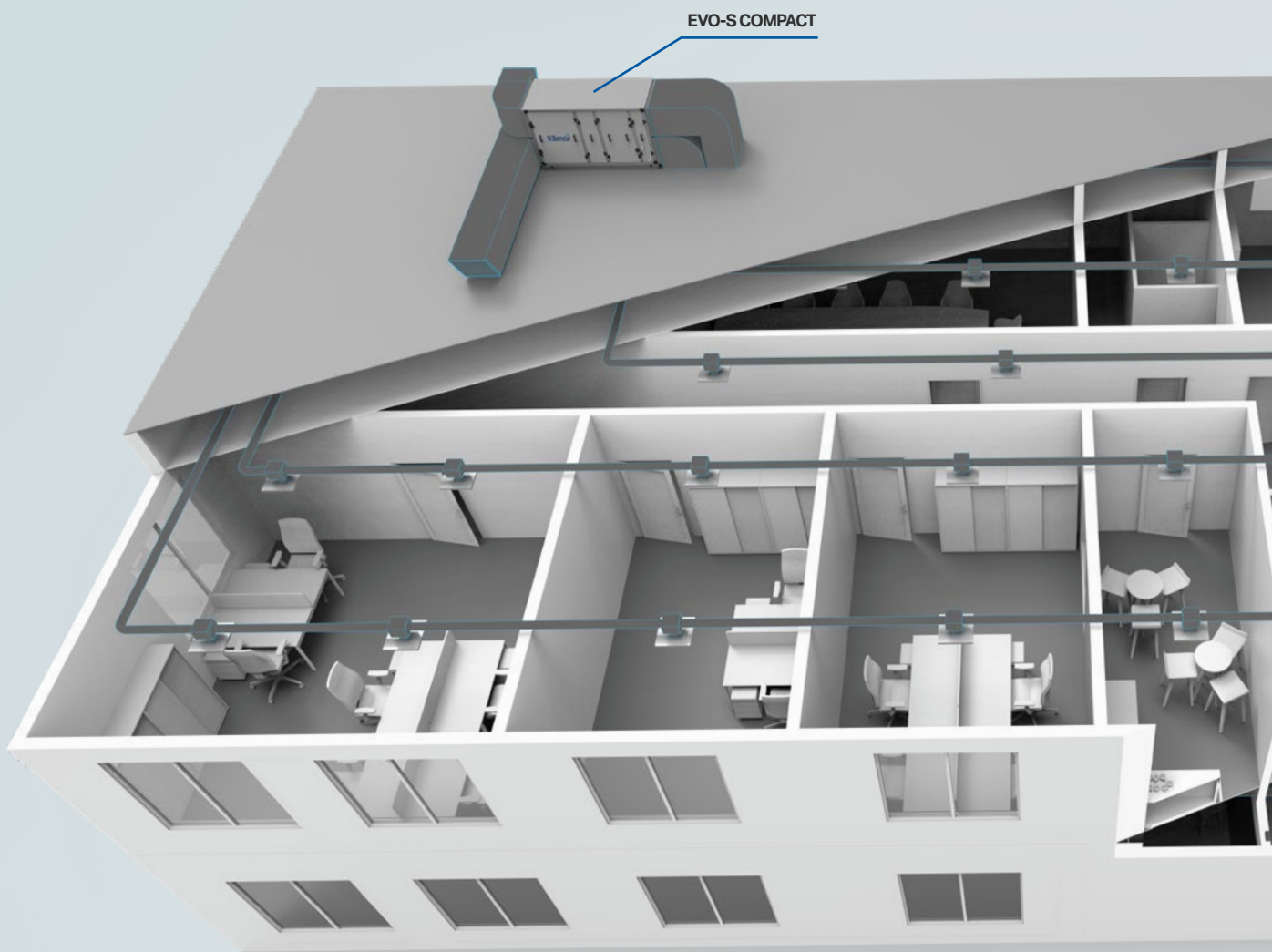
Optional Modbus TCP/IP,
BACnet IP, web server (www)

Working positions, configurations

Working positions:
Suspended, horizontal

Configuration:
Cross or parallel airflow

Commercial Compact Ventilation Units





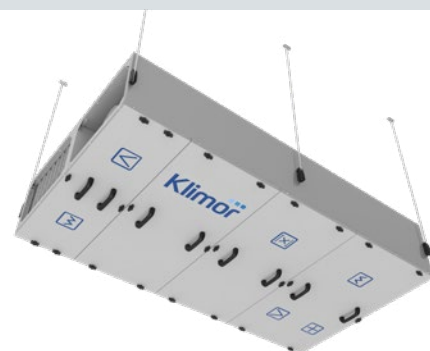
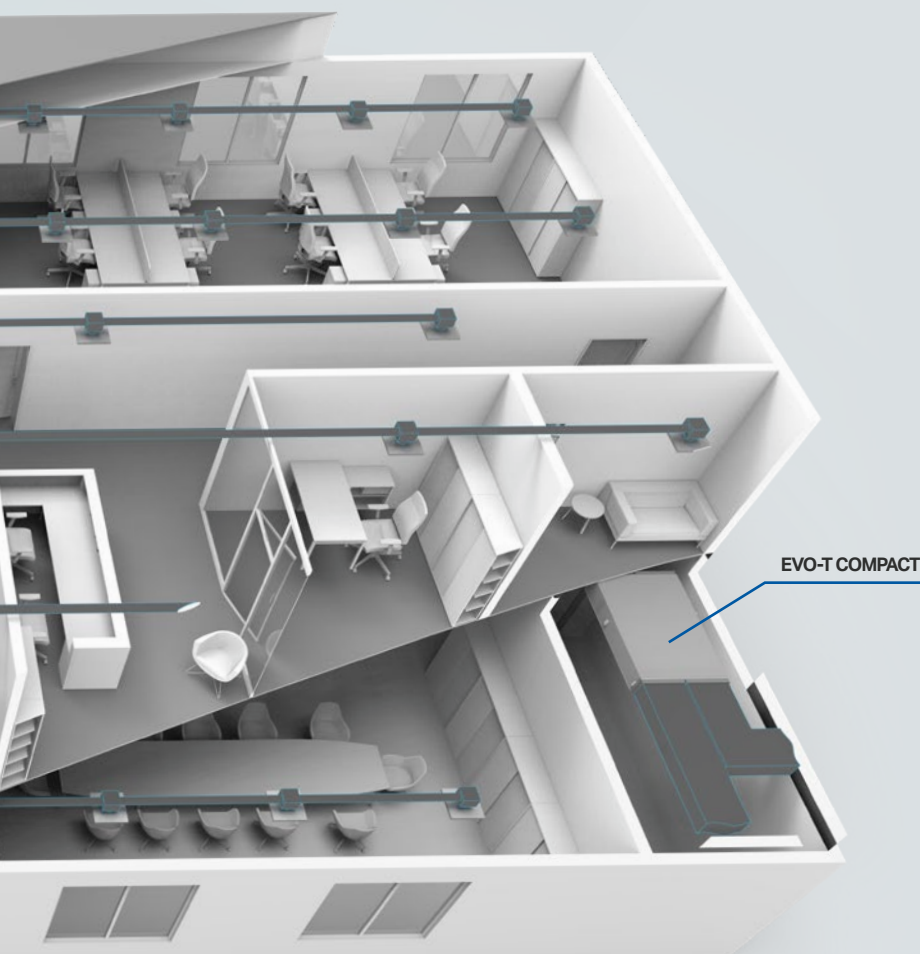
**WE
CARE
ABOUT
AIR**

The EVO COMPACT units are designed to serve buildings of medium cubic capacity such as houses, offices, educational facilities, service and commercial buildings. Individual selection of sizes, components and peripheral functions using the proprietary KAD selection software allows you to adapt the EVO COMPACT units to popular arrangements. The COMPACT line is the essence of the rich Klimor EVO series.

The products are mainly intended for offices, conference and lecture rooms, hotels and boarding houses. Klimor provides equipment selection, design support, delivery, installation, commissioning and adjustment as well as professional ventilation and air conditioning service.

Solutions that meet the requirements of ecodesign in terms of highest energy efficiency ratios. Stepless capacity control as standard allowing to optimize energy consumption per unit of time.

Our models:



EVO-T COMPACT



EVO-S COMPACT

Complete product
range is available
on our website



Visualization is for illustrative and simplified purposes only. Current regulations, standards and guidelines should be taken into account in the specific solutions.

EVO-T COMPACT



CHECK OUT
PRODUCT CARD

Air handling unit with counterflow heat recovery exchanger,
suspended air handling unit with cross or parallel airflow



BASIC
SIZES 3



AIR
CAPACITY 800-2 100 m³/h

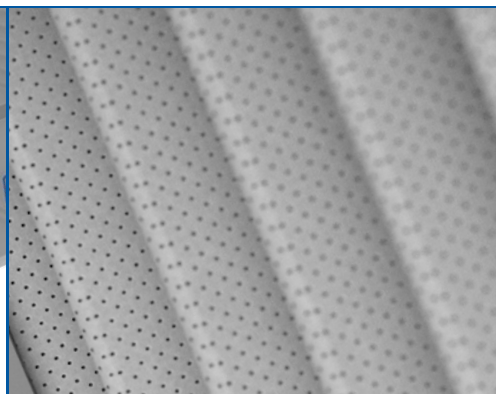
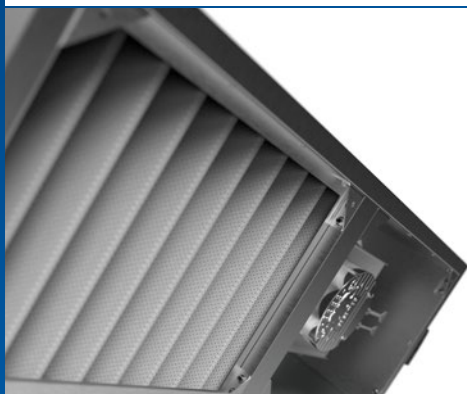


HEIGHT:
**only
355
mm**

Basic functions



Optional functions



About EVO-T COMPACT

Casing 1

Frameless technology

Made of galvanized steel sheet with a high corrosion resistance coating, bent into a U-shape. Wall thickness 25 mm

Non-flammable mineral wool filling of class A2-S1

Inspection covers, equipped with handles, fixed to the butterfly screw casing

Only 355 mm high

Heat recovery 2

Counterflow recuperator

100% by-pass

Free cooling function

Fan set 3

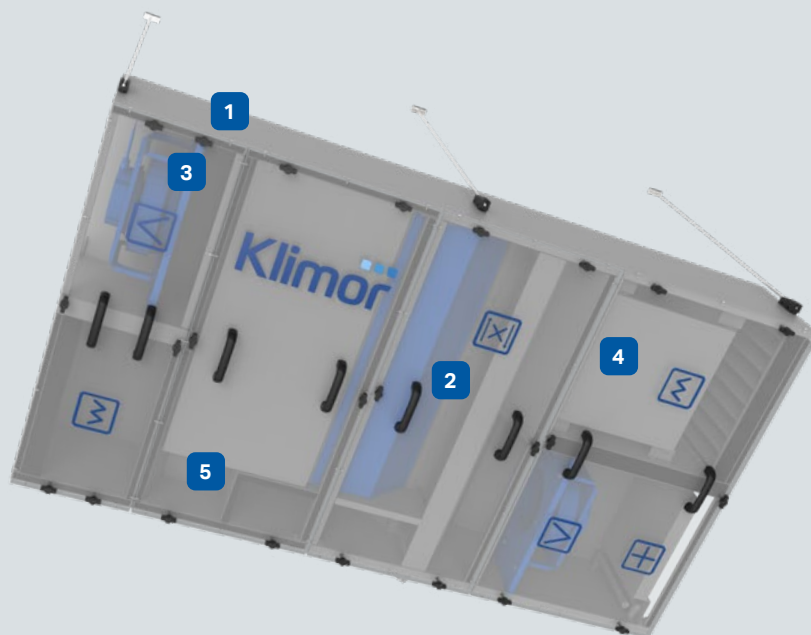
High efficiency EC motors

Independently controlled supply and extract air

Configured on the suction sides heat recovery exchanger

Heater 4

Built-in heater respectively: water or electric with integrated PWM control module



Accessories

"Dumbo" terminals for pressure switch hoses connection, installed on the AHU's fixed casing

Lighting – low voltage LED technology – option

Porthole – option

Flexible Connections

Air Dampers

Automation 5

Integrated

Operation with peripheral components

Compatible with CO₂, PM, VOC sensors

Communication

Modbus RTU, BACnet MS/TP

Optionally Modbus TCP/IP,

BACnet IP, webserver (www)

EKAD
SELECTION SOFTWARE



EVO-S COMPACT



CHECK OUT
PRODUCT CARD

Air handling unit with **rotary or counterflow heat recovery exchanger**, designed floor standing installation with horizontal or vertical duct connection respectively.



BASIC
SIZES 11



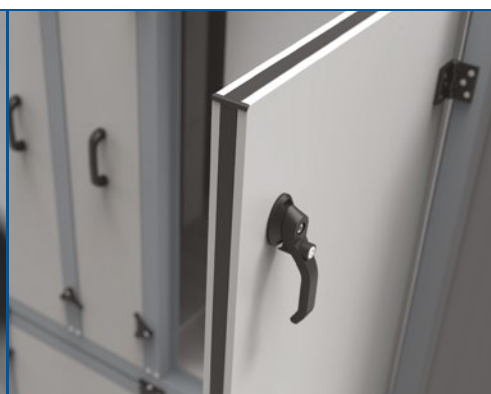
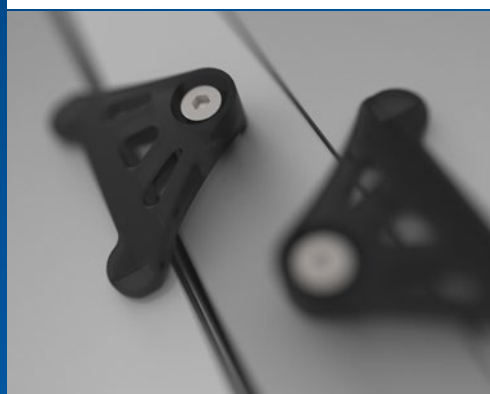
AIR
CAPACITY 1 500-16 500 m³/h



Basic functions



Optional functions



About EVO-S COMPACT

Framework 1

Advanced composite profiles or high corrosion resistant galvanized steel profiles

Base frame 3

Base frame and foundation feet height – 120mm

Heat recovery 4

Counterflow recuperator

CPR / RR rotary regenerator

CPR counterflow recuperator with 100% by-pass

Free-cooling function

CPR efficiency up to 92%

RR efficiency up to 85%

Fan set 5

High efficiency EC motors

Independently controlled supply and extract air

Configured on the opposite side of the heat recovery exchanger

Heater 6

Built-in heater respectively: water or electric with integrated PWM control module

Automation 7

Integrated

Connection to peripheral elements

Connection to CO₂, PM, VOC sensors

Panels 2

Unique Thermal Brake panels made of galvanized metal sheet with high corrosion resistance coating.

Panel thickness 50mm (floor 70mm) filled with non-combustible mineral wool – A1 class fire protection.

Access panels fixed by clamps, with pull handles.

Access doors fixed with handles.



EKAD
SELECTION SOFTWARE

Accessories

“Dumbo” terminals for pressure switch hoses connection

Lighting – low voltage LED technology – option

Porthole – option

Flexible Connections

Air Dampers

Rain Roof

Outdoor Intake

Outdoor outtake

Communication

Modbus RTU, BACnet MS/TP

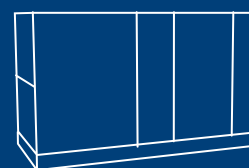
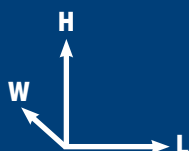
Optionally Modbus TCP/IP,

BACnet IP, webserver (www)



Basic technical information

**WE
CARE
ABOUT
AIR**



Unit	Size	Nominal air volume	W	H	L	Maximum exchanger efficiency	Fan power	Weight
		[m³/h]	[mm]	[mm]	[mm]	[%]	[W]	[kg]
KCX+	300	300	460	705	731	92	2x83	37
	500	500	560	850	900	91	2x170	50
	800	800	660	949	1 061	91	2x200	68
KCO+	300	300	435	568	883	88	2x83	44
	500	500	555	688	1 003	88	2x170	64
	800	800	675	808	1 003	88	2x220	88
EVO-T+ (CPR)	3000	300	612	355	1 300	91	2x83	95
	5000	500	712	355	1 400	91	2x170	105
	8000	800	1 012	355	1 860	91	2x200	135
EVO-T+ (RR)	3000	300	612	400	1 200	80	2x83	75
	5000	500	712	355	1 300	80	2x170	85
	8000	800	1 012	355	1 635	80	2x200	115
EVO-T COMPACT	8000	800	1 012	355	1 860	85	2x500	165
	4100	1 400	1 322	355	1 860	85	2x500	178
	1200	2 100	1 932	355	2 160	92	2x750	259
EVO-S COMPACT	5100	1 500	700	950				
	3200	2 300	950	950				
	0300	3 000	950	1 150				
	0400	4 000	1 200	1 150				
	2500	5 200	1 300	1 350				
	0600	6 000	1 300	1 550				
	0700	7 000	1 500	1 550				
	5800	8 500	1 500	1 850				
	0010	10 000	1 700	1 850				
	5310	13 500	1 800	2 350				
	5610	16 500	2 000	2 550				

Technical parameters according to function in KAD calculation

EKAD
SELECTION SOFTWARE



Contact us!

Our goal, and at the same time our commitment, is to provide you with the highest quality air conditioning and ventilation products combined with a package of professional consultancy services. Our technical and commercial representatives remain at your disposal!

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tel. +48 601650054 | e-mail: export@klimor.com





M A D E I N P O L A N D

klimor.com