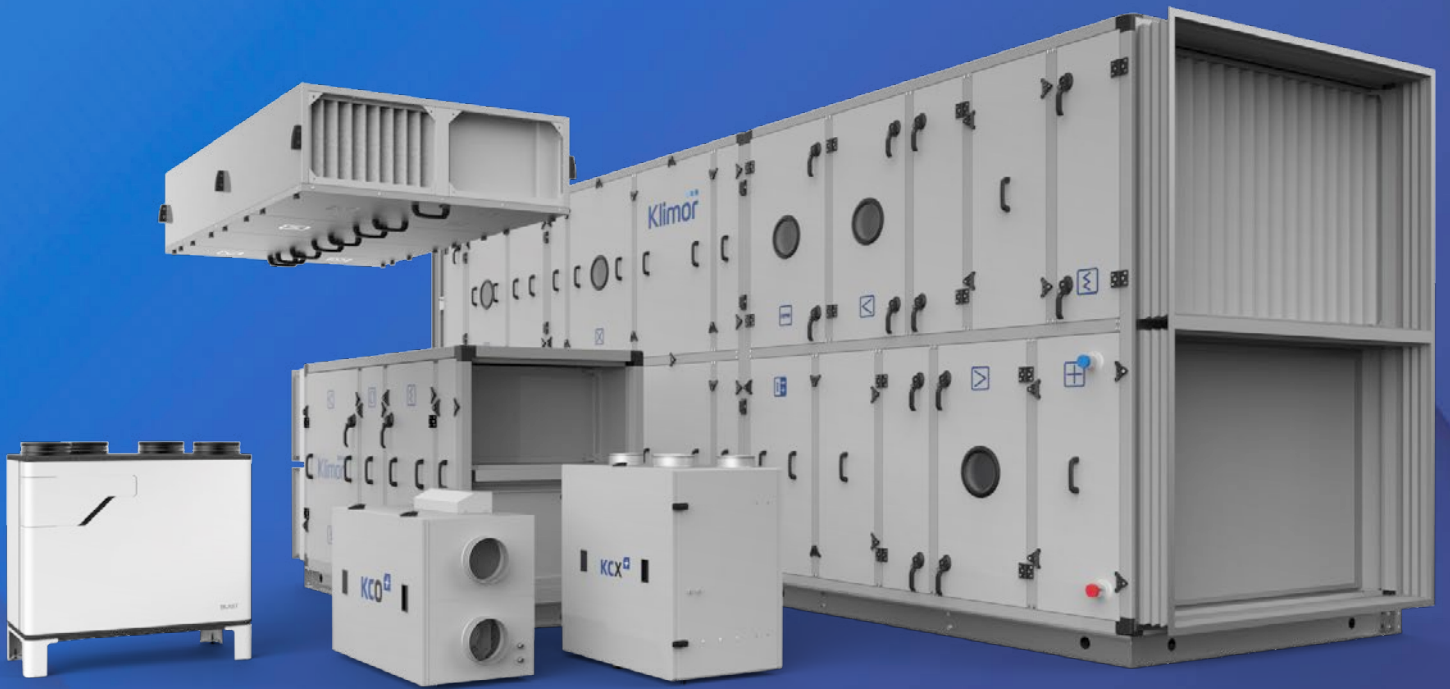


Klimor



PRODUCT PORTFOLIO

ADVANCED AIR CONDITIONING
AND VENTILATION SOLUTIONS

WE
CARE
ABOUT
AIR

Klimor

Klimor brand



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

The pioneer of the first air-handling unit manufactured in Poland, Klimor is today one of the largest companies in the HVACR market with over 300 employees.

Initially associated with the shipbuilding industry, over the years Klimor has expanded its portfolio to include systems for the construction industry as well as a group of specialist solutions dedicated to rooms with increased air treatment requirements. Today, Klimor provides solutions for all key end-user markets.

The company is constantly striving to expand its business activities in Poland, as well as in foreign markets, systematically developing its history. As a manufacturer, it also strives for excellence in the area of offered equipment and innovative technologies, which have been setting industry standards for years.



klimor.com



CAPACITY [m³/h]

APPLICATION

AIR
TREATMENT
FUNCTION

AUTOMATICS

CONSTRUCTION

AIRFLOW

IMPLEMENTATION

OPERATING POSITION

CAPACITY [m³/h]

APPLICATION

AIR
TREATMENT
FUNCTION

Types of system

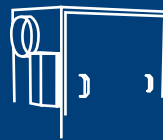
A full range of units and the ability to configure them as required makes it easy to match project requirements.



**MODULAR AIR
CONDITIONING
AND VENTILATION
UNITS**



**COMPACT
AIR HANDLING
UNITS**



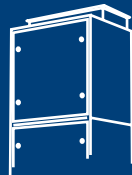
RAHU



**AIR CONDITIONING
CABINETS**



**LAMINAR
FLOW
CEILINGS**



**RECIRCULATING
MODULES**



**HEATING AND
COOLING UNITS**



**AIR VENTS WITH
HIGH EFFICIENCY
FILTERS**

AUTOMATICS

CONSTRUCTION

AIRFLOW

IMPLEMENTATION

OPERATING POSITION

BLAST

KCX+

KCO+

Capacity (m³/h)
360 ÷ 630

Available pressure
do 150 Pa

Capacity (m³/h)
300 ÷ 800

Available pressure
do 180 Pa

Capacity (m³/h)
300 ÷ 800

Available pressure
do 130 Pa



2 SIZES



3 SIZES



3 SIZES

Rooms with small cubature



Rooms with small cubature



Rooms with small cubature



Air treatment functions
– basic

ePM₁₀ 50% filters (M5)

Counter-flow recuperator
(condensing or enthalpic)

EC fans

Electric pre-heater

By-pass

ePM₁₀ 50% filters (M5)

Counter-flow recuperator
(condensing or enthalpic)

EC fans

Electric pre-heater

By-pass

ePM₁₀ 50% filters (M5)

Rotary regenerator

EC fans

Electric pre-heater

–

Air treatment functions
– optional

Electric/water
after heater

Water cooler

Operation with Ground heat exchanger, **Constant Flow**

ePM₁ – 60% filters (F7)

–

–

–

–

Electric/water
after heater

Water cooler / DX

Operation with Ground heat exchanger, **Constant Flow**

ePM₁ – 55% filters (F7)

–

–

–

–

Electric pre-heater
Water after heater

Water cooler / DX

Operation with Ground heat exchanger

ePM₁ – 55% filters (F7)

–

–

–

–

Automatics

Plug & Play ready, ready to work with additional accessories

HMI TOUCH 4,3" • HMI TOUCH 85 x 85 • Wi-Fi Modbus (RS-485) • LAN (option)

Operating modes **manual setting or automatic according to calendar**, additionally possibility of choosing other modes: fireplace • hood • ventilation • exit

Plug & Play ready, ready to work with additional accessories

HMI TOUCH 4,3" • Web server • Ethernet card (option), Modbus (RS-485) • BACnet (MS/TP)

Operating modes **manual setting or automatic according to calendar**, additionally possibility of choosing other modes: sauna • fireplace

Plug & Play ready, ready to work with additional accessories

HMI TOUCH 4,3" • Web server • Ethernet card (option), Modbus (RS-485) • BACnet (MS/TP)

Operating modes **manual setting or automatic according to calendar**, additionally possibility of choosing other modes: sauna • fireplace

Construction

Frameless construction

Casing - galvanised sheet metal **protected by PE coating**

Insulation – **EPP**

Frameless construction

Casing - galvanised sheet metal **protected by PE coating**

Insulation – **EPP**

Frameless construction

Casing - galvanised sheet metal **protected by PE coating**

Insulation – **EPP**

Additional data

Airflow: cross-flow

Execution: Indoor

Operating position: **standing / wall-mounted**

Airflow: cross-flow

Execution: Indoor

Operating position: **standing / wall-mounted**

Airflow: parallel

Execution: Indoor

Operating position: **standing / wall-mounted**



Technical datasheets



Technical datasheets



Technical datasheets

EVO-T+

EVO-T COMPACT

EVO-T

Capacity (m³/h)
300 ÷ 800

Available pressure
do 170 Pa

Capacity (m³/h)
500 ÷ 3500

Available pressure
do 400 Pa

Capacity (m³/h)
500 ÷ 5200

Available pressure
do 600 Pa



3 SIZES



3 SIZES



3 SIZES

Rooms with small cubature



Rooms with medium cubature



Rooms with medium cubature



Air treatment functions
– basic

Coarse 80% filters (G4)

Counter-flow recuperator
Rotary regenerator

EC fans

Electric/water after heater

By-pass

ePM₁₀ 50% (M5) / ePM₁ 60% (F7) filters

Counter-flow recuperator

EC fans

Electric/water heater

By-pass

ePM₁₀ 50% (M5) / ePM₁ 60% (F7) filters

Counter-flow recuperator
Rotary regenerator

AC / EC fans

–

By-pass

Air treatment functions
– optional

Electric pre-heater

Water cooler / DX

Operation with Ground heat exchanger

ePM₁₀ 50% (M5) / ePM₁ 60% (F7) filters

–

–

–

–

–

Water reversible cooler / DX

Damper

ePM₁ 55% (F7) / ePM₁ 80% (F9) filters

–

–

–

–

–

Water reversible cooler / DX

Damper

ePM₁ 55% (F7) / ePM₁ 80% (F9) filters

–

–

–

–

Automatics

Plug & Play ready, ready to work with additional accessories

HMI TOUCH 4,3"/7" • Web server • Ethernet card (option), Modbus (RS-485) • BACnet (MS/TP)

Operating modes **manual setting or automatic according to calendar**, additionally possibility of choosing other modes: sauna • fireplace

Plug & Play ready, ready to work with additional accessories

HMI TOUCH 4,3"/7" • Web server • Ethernet card (option), Modbus (RS-485) • BACnet (MS/TP)

Operating modes **manual setting or automatic according to calendar**

Plug & Play ready, ready to work with additional accessories

HMI TOUCH 4,3"/7" • Web server • Ethernet card (option), Modbus (RS-485) • BACnet (MS/TP)

Operating modes **manual setting or automatic according to calendar**

Construction

Frameless construction

Casing – galvanised sheet metal

Insulation – A1 mineral wool – 50mm

Frameless construction

Casing – galvanised sheet metal

Insulation – A1 mineral wool – 50mm

Frameless construction

Casing – galvanised sheet metal

Insulation – A1 mineral wool – 50mm

Additional data
* wybrane konfiguracje

Airflow: cross-flow / parallel

Execution: Indoor

Operating position: suspended horizontal / wall-mounted*

Airflow: cross-flow / parallel

Execution: Indoor

Operating position: suspended horizontal / wall-mounted*

Airflow: cross-flow / parallel

Execution: Indoor

Operating position: suspended horizontal / wall-mounted*



Technical datasheets



Individual arrangements and configurations according to KAD



Individual arrangements and configurations according to KAD

EVO-S COMPACT

EVO-S RX / HPM

EVO-S

Capacity (m³/h) Available pressure
500 ÷ 27 000 do 600 Pa

Capacity (m³/h) Available pressure
3 750 ÷ 9 200 do 200 Pa

Capacity (m³/h) Available pressure
500 ÷ 120 000 do 1000 Pa



Rooms with medium and large cubature

Rooms with medium and large cubature

Rooms with medium and large cubature



Air treatment functions
– basic

ePM₁₀ – 50% / ePM1 – 80% filters

Counterflow recuperator • Rotary regenerator, condensing, hygroscopic, sorption

EC fans

Water / electric cooler

By-pass

ePM₁₀ – 50% / ePM1 – 80% filters

Counterflow recuperator

EC fans

Water cooler

By-pass • High-speed heating chamber

ePM₁₀ – 50% / ePM1 – 80% filters

Counterflow recuperator • Rotary regenerator, condensing, hygroscopic, sorption

AC / EC / PM fans

Water cooler

By-pass

Air treatment functions
– optional

Water reversible cooler / DX

Damper

Secondary filter

Water reversible cooler / DX

Inverter heat pump

Long-range vortex diffuser

Glycol recuperator • Glycol system

Water reversible cooler / DX

Damper

Inverter heat pump

Condensing gas module

UVC disinfection system

Steam humidifier

Secondary filter

Automatics

Plug & Play ready, ready to work with additional accessories

HMI Touch control panel 4.3" / 7" • Option: Web Server • ModBus / Bacnet communication

Operating modes manual setting or automatic according to calendar

Plug & Play ready, ready to work with additional accessories

HMI Touch control panel 4.3" / 7" • Option: Web Server • ModBus / Bacnet communication

Operating modes manual setting or automatic according to calendar

Plug & Play ready, ready to work with additional accessories

HMI Touch control panel 4.3" / 7" • Option: Web Server • ModBus / Bacnet communication

Operating modes manual setting or automatic according to calendar

Construction

Frame structure – galvanised sheet metal protected by C5 coating/composite

Casing – galvanised sheet metal protected by C4 / C5 coating

Insulation – A1 mineral wool – 50mm

Frame structure – galvanised sheet metal protected by C5 coating/composite

Casing – galvanised sheet metal protected by C4 / C5 coating

Insulation – A1 mineral wool – 50mm

Frame structure – galvanised sheet metal protected by C5 coating/composite

Casing – galvanised sheet metal protected by C4 / C5 coating

Insulation – A1 mineral wool – 50mm

Additional data

Airflow: cross-flow / parallel

Execution: indoor/outdoor

Operating position: standing

Airflow: cross-flow / parallel

Execution: outdoor

Operating position: standing

Airflow: cross-flow / parallel

Execution: indoor / outdoor

Operating position: standing, horizontal position



Individual arrangements and configurations according to KAD

Individual arrangements and configurations according to KAD

Individual arrangements and configurations according to KAD

EVO-H

EVO-P

Application Legend



SINGLE-FAMILY HOUSES, MULTI-FAMILY HOUSES



OFFICE SPACES



CATERING FACILITIES



COMMERCIAL, SERVICE FACILITIES



SWIMMING POOLS



SPORT FACILITIES



WAREHOUSES



PRODUCTION PLANTS



LABORATORIES



HOSPITALS

Capacity (m³/h)
500 ÷ 55 000

Available pressure
do 1000 Pa



25 SIZES

Rooms with medium and large cubature



Capacity (m³/h)
500 ÷ 55 000

Available pressure
do 600 Pa



25 SIZES

Rooms with medium and large cubature



Air treatment functions
– basic

ePM₁₀ – 50% / ePM₁ – 80% filters

Cross-flow / counterflow recuperator

AC / EC / PM fans

Electric / water heater

By-pass

ePM₁₀ – 50% / ePM₁ – 80% filters

Cross-flow recuperator

AC / EC / PM fans

Water heater

Mixing chamber • By-pass

Air treatment functions
– optional

Glycol recuperator • Glycol system

Water reversible cooler / DX

Damper

Inverter heat pump module

Condensing gas module

UVC disinfection system

Steam humidifier

Glycol recuperator • Glycol system

Water reversible cooler / DX

Damper

Inverter heat pump module

–

–

–

Automatics

Dedicated, ready to work with additional accessories

HMI Touch control panel 4.3" / 7" • Option: Web Server • ModBus / Bacnet communication

Operating modes manual setting or automatic according to calendar

Dedicated, ready to work with additional accessories

HMI Touch control panel 4.3" / 7" • Option: Web Server • ModBus / Bacnet communication

Operating modes manual setting or automatic according to calendar

Construction

Frame structure – galvanised sheet metal protected by C5 coating/composite

External casing – PE-coated galvanised sheet metal
Internal casing – PE-coated galvanised sheet metal / stainless

Insulation – A1 mineral wool – 50mm

Frame structure – galvanised sheet metal protected by C5 coating/composite

External casing – PE-coated galvanised sheet metal
Internal casing – PE-coated galvanised sheet metal / stainless

Insulation – A1 mineral wool – 50mm

Additional data

Airflow: cross-flow / parallel

Execution: Indoor / outdoor

Operating position: standing

Airflow: cross-flow / parallel

Execution: Indoor / outdoor

Operating position: standing



Individual arrangements and configurations according to KAD
Individual air treatment functions * Customised design on request



Individual arrangements and configurations according to KAD
Individual air treatment functions * Customised design on request

