CAPACITY [m³/h]

APPLICATION

AIR
TREATMENT
FUNCTION

AUTOMATICS

CONSTRUCTION

AIR FLOW

IMPLEMENTATION

OPERATING POSITION

Types of systems

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

klimor.com

WE CARE ABOUT AIR

MADE IN POLAND

Klimor

Klimor brand

EUROVENT CERTIFIED PERFORMANCE
ArKJ No.: 20.05.003
Range: EVO
www.eurovent-certification.com

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.

PRODUCT
PORTFOLIO

ADVANCED AIR CONDITIONING
AND VENTILATION SOLUTIONS

klimor.com

CAPACITY [m³/h]

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WE CARE ABOUT AIR

Product comparison

	BLAST	KCX+	KCO+	EVO-T+	EVO-T COMPACT	EVO-T	EVO-S COMPACT	EVO-R (X, O) / HPM	EVO-S	EVO-H	EVO-P
Capacity (m^3/h)	360÷630	300÷800	300÷800	300÷800	500÷3 500	500÷5 200	500÷27 000	3 750÷9 200	500÷120 000	500÷55 000	500÷55 000
Available pressure	up to 150 Pa	up to 180 Pa	up to 130 Pa	up to 170 Pa	up to 400 Pa	up to 600 Pa	up to 600 Pa	up to 200 Pa	up to 1000 Pa	up to 1000 Pa	up to 600 Pa
Basic sizes	2	3	3	3	3	3	11	2	30	25	25
	Rooms with small cubature	Rooms with small cubature	Rooms with small cubature	Rooms with small cubature	Rooms with medium cubature	Rooms with medium cubature	Rooms with medium and large cubature	Rooms with medium and large cubature	Rooms with medium and large cubature	Rooms with medium and large cubature	Rooms with medium and large cubature

Air treatment functions – basic

	BLAST	KCX+	KCO+	EVO-T+	EVO-T COMPACT	EVO-T	EVO-S COMPACT	EVO-R	EVO-S	EVO-H	EVO-P
Filters	ePM_{10} 50% (M5) filters	ePM_{10} 50% (M5) filters	ePM_{10} 50% (M5) filters	Coarse filters 80% (G4)	ePM_{10} 50% (M5) / ePM_1 60% (F7) filters	ePM_{10} 50% (M5) / ePM_1 60% (F7) filters	ePM_{10} filters – 50% / ePM_1 filters – 80%	ePM_{10} filters – 50% / ePM_1 filters – 80%	ePM_{10} filters – 50% / ePM_1 filters – 85%	ePM_{10} filters – 50% / ePM_1 filters – 85%	ePM_{10} filters – 50% / ePM_1 filters – 85%
Recovery	Counterflow heat recovery unit (condensation or enthalpy)	Counterflow heat recovery unit (condensation)	Rotary regenerator	Counterflow heat recovery unit / Rotary regenerator	Counterflow heat recovery unit	Counterflow heat recovery unit / Rotary regenerator	Counterflow recuperator • Rotary regenerator: condensation, hygroscopic, sorption	Counterflow recuperator • Rotary regenerator	Crossflow/Counterflow recuperator • Rotary regenerator: condensation, hygroscopic, sorption	Crossflow/Counterflow recuperator	Crossflow recuperator
Fans	EC fan units	EC fan units	EC fan units	EC fan units	EC fan units	AC / EC fan units	EC fan units	EC fan units	AC / EC / PM fan units	AC / EC / PM fan units	AC / EC / PM fan units
Heater	Electric preheater	Electric preheater	Secondary electric heater	Secondary electric/water heater	Electric/water heater	Electric/water heater	Secondary electric/water heater	Electric/water heater	Electric/water heater	Electric/water heater	Water heater
	Bypass	Bypass	–	Bypass	Bypass	Bypass	Bypass	Bypass • Fast heating chamber	Bypass	–	Mixing chamber • Bypass

Air treatment functions – optional

	BLAST	KCX+	KCO+	EVO-T+	EVO-T COMPACT	EVO-T	EVO-S COMPACT	EVO-R	EVO-S	EVO-H	EVO-P
	Secondary heater electric / water	Secondary heater electric / water	Electric preheater Secondary water heater	Electric preheater	–	–	–	–	Glycol recuperator • Glycol installation	Glycol recuperator • Glycol installation	Glycol recuperator • Glycol installation
	Water cooler / DX	Water cooler / DX	Water cooler / DX	Water cooler / DX	Reversible water cooler / DX	Reversible water cooler / DX	Reversible water cooler / DX	Reversible water cooler / DX	Reversible water cooler / DX	Reversible water cooler / DX	Reversible water cooler / DX
	Cooperation with GHE, Constant Flow	Cooperation with GHE	Cooperation with GHE	Cooperation with GHE	Silencer	Silencer	Silencer	Inverter heat pump	Silencer	Silencer	Silencer
	ePM_1 filters – 60% (F7)	ePM_1 filters – 55% (F7)	ePM_1 filters – 55% (F7)	ePM_{10} 50% (M5) / ePM_1 60% (F7) filters	ePM_1 60% (F7) / ePM_1 85% (F9) filters	ePM_1 60% (F7) / ePM_1 85% (F9) filters	Secondary filter	Long-range swirl diffuser	Inverter heat pump module	Inverter heat pump module	Inverter heat pump module
	–	–	–	–	–	–	–	–	Condensing gas module	Condensing gas module	–
	–	–	–	–	–	–	–	–	UVC disinfection system	UVC disinfection system	–
	–	–	–	–	–	–	–	–	Steam humidifier	Steam humidifier	–
									Secondary filter	–	–

Automation

	BLAST	KCX+	KCO+	EVO-T+	EVO-T COMPACT	EVO-T	EVO-S COMPACT	EVO-R	EVO-S	EVO-H	EVO-P
	Plug & Play ready, ready for cooperation with additional peripherals	**Plug & Play ready**, ready for cooperation with additional peripherals	**Plug & Play ready**, ready for cooperation with additional peripherals	**Plug & Play ready**, ready for cooperation with additional peripherals	**Plug & Play ready**, ready for cooperation with additional peripherals	**Plug & Play ready**, ready for cooperation with additional peripherals	**Plug & Play ready**, ready for cooperation with additional peripherals	**Dedicated**, ready to cooperate with additional peripherals	**Individual**, ready to cooperate with selected functions and peripherals	**Dedicated**, ready to cooperate with additional peripherals	**Dedicated**, ready to cooperate with additional peripherals
	HMI TOUCH 4.3" • HMI TOUCH 85 x 85 • Wi-Fi Modbus (RS-485) • LAN (optional)	HMI TOUCH 4.3" • Web server • Ethernet card (optional), Modbus (RS-485) • BACnet (MS/TP)	HMI TOUCH 4.3" • Web server • Ethernet card (optional), Modbus (RS-485) • BACnet (MS/TP)	HMI TOUCH 4.3" • Web server • Ethernet card (optional) Modbus (RS-485) • BACnet (MS/TP)	HMI TOUCH 4.3"/7" • Web server • Ethernet card Modbus (RS-485) • BACnet (MS/TP)	HMI TOUCH 4.3"/7" • Web server • Ethernet card Modbus (RS-485) • BACnet (MS/TP)	**HMI Touch 4.3" / 7"** control panel • Web Server • **ModBus** / Bacnet communication	**HMI Touch 4.3" / 7"** control panel • Web Server • **ModBus** / Bacnet communication	**HMI Touch 4.3" / 7"** control panel • Web Server • **ModBus** / Bacnet communication	**HMI Touch 4.3" / 7"** control panel • Web Server • **ModBus** / Bacnet communication	**HMI Touch 4.3" / 7"** control panel • Web Server • **ModBus** / Bacnet communication
	Operating modes: **manual or automatic setting according to the calendar**, with the additional option of selecting another mode: fireplace, hood, ventilation, exit.	Operating modes: **manual or automatic setting according to the calendar**, with the additional option of selecting a different mode: sauna or fireplace.	Operating modes: **manual or automatic setting according to the calendar**, with the additional option of selecting a different mode: sauna or fireplace.	Operating modes: **manual or automatic setting according to the calendar**, with the additional option of selecting a different mode: sauna or fireplace.	Operating modes: **manual or automatic setting according to the calendar**	Operating modes: **manual or automatic setting according to the calendar**	Operating modes: **manual or automatic setting according to the calendar**	Operating modes: **manual or automatic setting according to the calendar**	Operating modes: **manual or automatic setting according to the calendar**	Operating modes: **manual or automatic setting according to the calendar**	Operating modes: **manual or automatic setting according to the calendar**

Construction

	BLAST	KCX+	KCO+	EVO-T+	EVO-T COMPACT	EVO-T	EVO-S COMPACT	EVO-R	EVO-S	EVO-H	EVO-P
	Frameless construction	**Frameless** construction	**Frameless** construction	**Frameless** construction	**Frameless** construction	**Frameless** construction	**Frame** construction – galvanized sheet metal **protected with C5 coating / composite**	**Frame** construction – galvanized sheet metal **protected with C5 coating / composite**	**Frame** construction – galvanized sheet metal **protected with C5 coating / composite**	**Frame** construction – galvanized sheet metal **protected with C5 coating / composite**	**Frame** construction – galvanized sheet metal **protected with C5 coating / composite**
	Casing – galvanized sheet metal / EPP **protected with PE coating**	Casing – galvanized sheet metal **protected with PE coating**	Casing – galvanized sheet metal **protected with PE coating**	Casing – galvanized sheet metal	Casing – galvanized sheet metal	Casing – galvanized sheet metal	Casing – galvanized sheet metal **protected with C4 / C5 coating**	Casing – galvanized sheet metal **protected with C4 / C5 coating**	Casing – galvanized sheet metal **protected with C4 / C5 coating**	**External casing** – galvanized sheet metal **with PE coating** / **Internal housing** – galvanized sheet metal **with PE coating / stainless steel**	**External casing** – galvanized sheet metal **with PE coating** / **Internal housing** – galvanized sheet metal **with PE coating / stainless steel**
	Insulation – EPP	Insulation – EPP	Insulation – EPP	Insulation – mineral wool A2-S1 – 25 mm	Insulation – mineral wool A2-S1 – 25 mm	Insulation – mineral wool A2-S1 – 25 mm	Insulation – mineral wool A1 – 50 mm	Insulation – mineral wool A1 – 50 mm	Insulation – mineral wool A1 – 50 mm	Insulation – mineral wool A1 – 50 mm	Insulation – mineral wool A1 – 50 mm

Other data

	BLAST	KCX+	KCO+	EVO-T+	EVO-T COMPACT	EVO-T	EVO-S COMPACT	EVO-R	EVO-S	EVO-H	EVO-P
Airflow	Air flow: **cross-flow**	Air flow: **cross-flow**	Air flow: **parallel**	Airflow: **cross-flow / parallel**	Airflow: **cross-flow / parallel**	Airflow: **cross-flow / parallel**	Airflow: **cross-flow / parallel**	Airflow: **cross-flow / parallel**	Airflow: **cross-flow / parallel**	Airflow: **cross-flow / parallel**	Airflow: **cross-flow / parallel**
Execution	Execution: **internal**	Execution: **internal**	Execution: **internal**	Execution: **internal**	Execution: **internal**	Execution: **internal**	Execution: **internal / external**	Execution: **external**	Execution: **internal / external**	Execution: **internal / external**	Execution: **internal / external**
Position	Working position: **standing / wall-mounted**	Working position: **standing / wall-mounted**	Working position: **standing / wall-mounted**	Work position: **suspended**	Work position: **suspended**	Work position: **suspended**	Work position: **standing**	Work position: **standing**	Working position: **standing, horizontal position**	Work position: **standing**	Work position: **standing**

	BLAST	KCX+	KCO+	EVO-T+	EVO-T COMPACT	EVO-T	EVO-S COMPACT	EVO-R	EVO-S	EVO-H	EVO-P
Certification	CE	CE, Passive House Institute	CE	CE, TÜV	CE, TÜV	CE, TÜV	CE, TÜV, EUROVENT	CE, TÜV, EUROVENT	CE, TÜV, EUROVENT	CE, TÜV, EUROVENT	CE, TÜV, EUROVENT
Documentation	Technical datasheets	Technical datasheets	Technical datasheets	Technical datasheets	Individual arrangements and configurations according to KAD	Individual arrangements and configurations according to KAD	Individual arrangements and configurations according to KAD	Individual arrangements and configurations according to KAD	Individual arrangements and configurations according to KAD	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

Application

- SINGLE-FAMILY HOUSES, MULTI-FAMILY HOUSES
- OFFICE SPACES
- CATERING FACILITIES
- COMMERCIAL SERVICE FACILITIES
- SWIMMING POOLS
- SPORT FACILITIES
- WAREHOUSES
- PRODUCTION PLANTS
- LABORATORIES
- HOSPITALS