



PRODUCT PORTFOLIO

ADVANCED AIR CONDITIONING AND VENTILATION SOLUTIONS





Klimor brand



Klimor

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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.



APPLICATION

AIR TREATMENT FUNCTION

AUTOMATICS

CONSTRUCTION

AIRFLOW

IMPLEMENTATION

OPERATING POSITION



klimor.com

CAPACITY [m3/h]

APPLICATION

AIR TREATMENT FUNCTION

AUTOMATICS

CONSTRUCTION

AIRFLOW

IMPLEMENTATION

OPERATING POSITION

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



LAMINAR FLOW CEILINGS

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СОМРАСТ **AIR HANDLING** UNITS



RECIRCULATING MODULES



AIR CONDITIONING CABINETS



HEATING AND COOLING UNITS



AIR VENTS WITH HIGH EFFICIENCY FILTERS

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BLAST	KCX+	KCO+	
Capacity (m³/h)Available pressure360 ÷ 630do 150 Pa	Capacity (m³/h)Available pressure300 ÷ 800do 180 Pa	Capacity (m³/h)Available pressure300 ÷ 800do 130 Pa	
2 SIZES	3 SIZES	3 SIZES	
Rooms with small cubature	Rooms with small cubature	Rooms with small cubature	
ePM ₁₀ 50% filters (M5)) Counter-flow recuperator (condensing or enthalpic)	ePM ₁₀ 50% filters (M5)) Counter-flow recuperator (condensing or enthalpic)	ePM ₁₀ 50% filters (M5)) Rotary regenerator	
EC fans Electric pre-heater	EC fans Electric pre-heater	EC fans Electric pre-heater	
By-pass Electric/water after heater	By-pass Electric/water after heater	– Electric pre-heater Water after heater	
Water cooler Operation with Ground heat exchanger, Constant Flow	Water cooler / DX Operation with Ground heat exchanger, Constant Flow	Water cooler / DX Operation with Ground heat exchanger	
ePM ₁ – 60% filters (F7)	ePM ₁ – 55% filters (F7) –	ePM ₁ – 55% filters (F7) –	
Plug & Play ready, ready to work with additional accessories HMI TOUCH 4,3" • HMI TOUCH 85 x 85 • Wi-Fi	Plug & Play ready, ready to work with additional accessories HMI TOUCH 4,3" • Web server • Ethernet card	Plug & Play ready, ready to work with additional accessories	
Modbus (RS-485) • LAN (option) Operating modes manual setting or automatic according to calendar, additionally possibility of choosing other modes: fireplace • hood • ventilation • exit	(option), Modbus (RS-485) • BACnet (MS/TP) Operating modes manual setting or automatic according to calendar , additionally possibility of choosing other modes: sauna • fireplace	(option), Modbus (RS-485) • BACnet (MS/TP) Operating modes manual setting or automatic according to calendar , additionally possibility of choosing other modes: sauna • fireplace	
Frameless construction	Frameless construction	Frameless construction	
Casing - galvanised sheet metal protected by PE coating Insulation – EPP	Casing - galvanised sheet metal protected by PE coating Insulation – EPP	Casing - galvanised sheet metal protected by PE coating Insulation – EPP	
Airflow: cross-flow	Airflow: cross-flow	Airflow: parallel	
Execution: Indoor	Execution: Indoor	Execution: Indoor	
Operating position: standing / wall-mounted	Operating position: standing / wall-mounted	Operating position: standing / wall-mounted	



Air treatment functions – basic

Air treatment functions – optional

Automatics

Additional data Construction

Passive House

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Technical datasheets

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	EVO-T+		EVO-T COMPACT		EVO-T			
	Capacity (m³/h) 300 ÷ 800	Available pressure do 170 Pa	Capacity (m ³ /h) $500 \div 3500$	Available pressure do 400 Pa	Capacity (m³/h) $500 \div 5200$	Available pressure do 600 Pa		
		3 SIZES	· · · · · · · · · · · · · · · · · · ·	3 SIZES	H. B. Kun	3 SIZES		
	Rooms with small cubature		Rooms with medium cubature		Rooms with medium cubature			
ctions				Coarse 80% filters (G4)			ePM ₁₀ 50% (M5) / eP Counter-flow	
Air treatment functions – basic	Rotary regenerator			Counter-flow recuperator		Rotary regenerator		
	EC fans			EC fans		AC / EC fans		
Air tre	Electric/water after heater By-pass			By-pass		By-pass		
	D3-hass		Dy-pass		by pass			
	Electric pre-heater		_					
S	Water cooler / DX		Water reversible cooler / DX		Water reversible cooler / DX			
Air treatment functions – optional	Operation with Ground heat exchanger		Damper		Damper			
ent fui itional	ePM₁₀ 50% (M5) / ePM₁ 60% (F7) filters		ePM ₁ 55% (F7) / ePM ₁ 80% (F9) filters		ePM ₁ 55% (F7) / ePM ₁ 80% (F9) filters			
eatme - op								
Air tr	_							
	-		_		-			
Ø	Plug & Play ready, additional ac	ccessories	Plug & Play ready, re additional acc	cessories	Plug & Play ready, r additional ac	cessories		
Automatics	HMI TOUCH 4,3"/7"• Web server • Ethernet card (option), Modbus (RS-485) • BACnet (MS/TP)		HMI TOUCH 4,3"/7"• Web server • Ethernet card (option), Modbus (RS-485) • BACnet (MS/TP)		HMI TOUCH 4,3"/7"• Web server • Ethernet card (option), Modbus (RS-485) • BACnet (MS/TP)			
Autor	Operating modes manual setting or automatic according to calendar, additionally possibility of choosing other modes: sauna • fireplace			Operating modes manual setting or automatic according to calendar		Operating modes manual setting or automatic according to calendar		
ction	Frameless of	construction	Frameless c	Frameless construction		Frameless construction		
Construction	Casing – galvanised sheet metal		Casing – galvanis	Casing – galvanised sheet metal		Casing – galvanised sheet metal		
Co	Insulation – A1 mineral wool – 50mm		Insulation – A1 min	Insulation – A1 mineral wool – 50mm		Insulation – A1 mineral wool – 50mm		
Additional data wybrane konfiguracje	Airflow: cross	-flow / parallel	Airflow: cross-	Airflow: cross-flow / parallel		flow / parallel		
Ad ditional data vybrane konfigurac	Executio	on: indoor	Execution	n: indoor	Execution	: indoor		
Addit * wybran		ispended horizontal / ounted*	Operating position: sus wall-mo		Operating position: su wall-mo			





Individual arrangements and configurations according to KAD

EVO-S COMPACT

Air treatment functions – basic

Air treatment functions – optional

Automatics

Construction

Additional data

EVO-S RX / HPM

EVO-S

Capacity (m ³ /h) Available pressure	Capacity (m ³ /h) Available pressure	Capacity (m ³ /h) Available pressure	
500÷27000 do 600 Pa	3750÷9200 do 200 Pa	500÷120000 do 1000 Pa	
11 SIZES	SIZES	30 SIZES	
		King T Mi ha	
	g g - g ≈ g + g	• Case	
Klimör 0 0			
3 4 1 2 4		2 2 2 2 4 100 14	
•			
Rooms with medium and large cubature	Rooms with medium and large cubature	Rooms with medium and large cubature	
ePM₁₀ – 50% / ePM1 – 80% filters	ePM₁₀ – 50% / ePM1 – 80% filters	ePM₁₀ -50% / ePM1 -80% filters	
Counterflow recuperator • Rotary regenerator, condensing, hygroscopic, sorption	Counterflow recuperator	Counterflow recuperator • Rotary regenerator, condensing, hygroscopic, sorption	
EC fans	EC fans	AC / EC / PM fans	
Water / electric cooler	Water cooler	Water cooler	
By-pass	By-pass · High-speed heating chamber	By-pass	
-	_	Glycol recuperator • Glycol system	
Water reversible cooler / DX	Water reversible cooler / DX	Water reversible cooler / DX	
Damper	Inverter heat pump	Damper	
Secondary filter	Long-range vortex diffuser	Inverter heat pump	
_	-	Condensing gas module	
_	_	UVC disinfection system	
		Steam humidifier	
-	-	Secondary filter	
Plug & Play ready, ready to work with additional accessories	Plug & Play ready, ready to work with additional accessories	Plug & Play ready, ready to work with additional accessories	
HMI Touch control panel 4.3" / 7" • Option: Web Server • ModBus / Bacnet communication	HMI Touch control panel 4.3" / 7" • <i>Option:</i> Web Server • ModBus / Bacnet communication	HMI Touch control panel 4.3" / 7" • <i>Option:</i> Web Server • ModBus / Bacnet communication	
Operating modes manual setting or automatic according to calendar	Operating modes manual setting or automatic according to calendar	Operating modes manual setting or automatic according to calendar	
Frame structure – galvanised sheet metal protected by C5 coating/composite	Frame structure – galvanised sheet metal protected by C5 coating/composite	Frame structure – galvanised sheet metal protected by C5 coating/composite	
Casing – galvanised sheet metal protected by C4 / C5 coating	Casing – galvanised sheet metal protected by C4 / C5 coating	Casing – galvanised sheet metal protected by C4 / C5 coating	
Insulation – A1 mineral wool – 50mm	Insulation – A1 mineral wool – 50mm	Insulation – A1 mineral wool – 50mm	
Airflow: cross-flow / parallel	Airflow: cross-flow / parallel	Airflow: cross-flow / parallel	
Execution: indoor/outdoor	Execution: outdoor	Execution: Indoor / outdoor	
Operating position: standing	Operating position: standing	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	н	EVO	-P	
	Capacity (m ³ /h) 500 ÷ 55 000	Available pressure do 1000 Pa	Capacity (m³/h) 500 ÷ 55 000	Available pressure do 600 Pa	Application
				2 2 2 2 0 0 2 + + + + + + + + + + + + + + + + + + +	SINGLE-FAMILY HOUSES, MULTI-FAMILY HOUSES
	Rooms with medium ar	ad large cubature	Rooms with medium ar	nd large cubature	OFFICE SPACES
Air treatment functions – basic	ePM ₁₀ – 50% / ePM Cross-flow / counterf AC / EC / PI Electric / wate By-pas	low recuperator M fans er heater	ePM ₁₀ - 50% / ePM Cross-flow rec AC / EC / PM Water he Komora mieszani	ater	
Air treatment functions – optional	Glycol recuperator • Water reversible Dampe Inverter heat pur Condensing ga UVC disinfection Steam hum	r mp module as module as module as module	Glycol recuperator • (Water reversible (Dampe Inverter heat pur 	cooler / DX	COMMERCIAL SERVICE FACILITIES
Automatics	Dedicated, ready additional acc HMI Touch control panel 4.3" / 7 ModBus / Bacnet co Operating modes ma automatic accordin	essories 7" • <i>Option:</i> Web Server • ommunication nual setting or	Dedicated, ready additional accor HMI Touch control panel 4.3" / 7 ModBus / Bacnet co Operating modes ma automatic accordin	essories " • <i>Option:</i> Web Server • ommunication nual setting or	SPORT FACILITIES WAREHOUSES
Construction	Frame structure – galva protected by C5 coa External casing – PE-coated Internal casing – PE-coated galvar Insulation – A1 miner	ting/composite galvanised sheet metal nised sheet metal / stainless	Frame structure – galvan protected by C5 coat External casing – PE-coated g Internal casing – PE-coated galvan Insulation – A1 minera	ing/composite Jalvanised sheet metal Ised sheet metal / stainless	PRODUCTION
Additional data	Airflow: cross-fl Execution: Indoc Operating positio	or / outdoor	Airflow: cross-flo Execution: indoo Operating positio	or / outdoor	
					HOSPITALS

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



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