

FOR OVER 30 YEARS WE HAVE BEEN OFFERING SOLUTIONS TO ENSURE SUSTAINABLE COMFORT AND THE WELL-BEING OF PEOPLE AND THE ENVIRONMENT

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MideaGroup
humanizing technology



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AIR-TO-WATER PACKAGED MONOBLOC
HEAT PUMP FOR HEATING, COOLING AND
DOMESTIC HOT WATER PRODUCTION

Edge EVO 2.0 - EXC







AIR CONDITIONING
AND AIR QUALITY
PARTNER

Inspiring Solutions since 1989





Edge EVO 2.0 - EXC

WiSAN-YME 1 S 2.1÷14.1

ENERGY SAVING

- 
 Solar integration
(optional - DHW tank)
- 
 Cascade
- 
 Smart Grid
ready
- 
 €-Switch

COMFORT

- 
 Heating
Cooling
- 
 DHW
- 
 Silent
- 
 High temperature



RELIABILITY

- 
 Backup heater
(optional)
- 
 Eurovent
- 
 Keymark







HEALTH

- 
 Eco-friendly
refrigerant
- 
 Renewable
energy

CONVENIENCE

- 
 Weekly
schedule
- 
 Boiler
integration

MANAGEMENT AND CONNECTIVITY

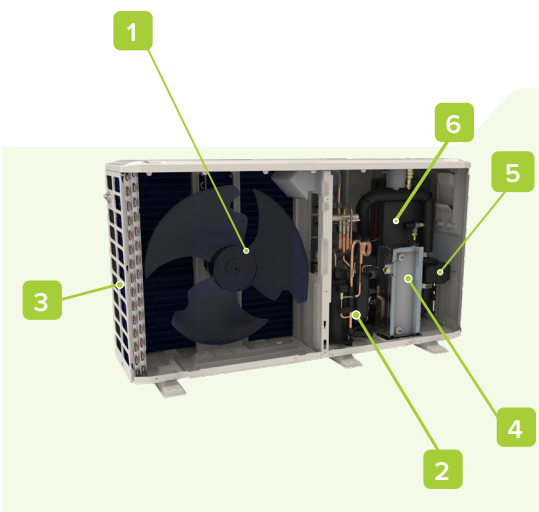
- 
 Potential-free
contact
- 
 User interface/
thermostat
- 
 Modbus
port
- 
 Wi-fi
Control
- 
 ELFOControl
management
- 
 Clivet Eye
monitoring



- ✓ Space saving: installed outdoors, no indoor unit is required
- ✓ Designed for harsh climates: excellent performance at low temperatures and optional 3 to 9kW auxiliary heaters
- ✓ High temperature distribution can be used: water up to 65°C
- ✓ Modular: combines up to 6 units in cascade for power up to 180kW
- ✓ Advanced connectivity: management via the dedicated MSmartLife App or via the Modbus port with ELFOControl³ EVO included as standard


























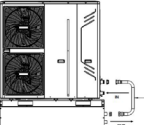




Highly efficient even in winter

Edge EVO 2.0 - EXC is suitable for all climates and conditions. It is designed to be efficient and provide high temperature water even in harsh winters, down to -25°C: in particular, it can produce water at 60°C with the outdoor air down to -15°C. For even tougher applications, an additional electric heater can be selected to ensure that there is no loss of performance even under the most extreme conditions.



1. Inverter DC fan
2. Inverter DC twin-rotary compressor
3. Air-gas finned exchanger (blue fin treatment)
4. Gas/water plate exchanger
5. Inverter DC high efficiency pump
6. 4,8L system expansion tank

accessories available

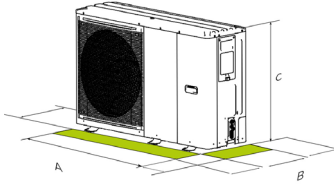
	KTFLX	Hose kit for connection to the chiller/heat pump		DIX	1-litre circuit breaker
	FDMX	Magnetic dirt separator filter		DI50X	50-litre circuit breaker
	ACS200X	200-litre domestic hot water storage tank		DI100X	100-litre circuit breaker
	ACS300X	300-litre domestic hot water storage tank		T1BX	DHW temperature probe and additional heating source at 10m
	ACS500X	500-litre domestic hot water storage tank		T1B30X	DHW temperature probe and additional heating source at 30m
	SCS08X	0.8 m ² solar exchanger for flange installation <i>(for ACS200X e ACS300X)</i>		PCSX	Secondary circuit pump
	SCS12X	1.2 m ² solar exchanger for flange installation <i>(for ACS500X)</i>		PCS2X	Oversized secondary circuit pump
	QERAX	Electrical panel for single-phase heater connection on DHW storage tank		PRSX	DHW recirculation pump
	3DHWX	3-way system/DHW switching valve		HID-TCBX	Black soft touch chronothermostat, with temperature control and management via App / Voice control
	KCSX	Secondary circuit kit (1-litre circuit breaker + pump)			HID-TCNX
		KIR2HLX	Double zone distribution unit: direct + mixed (with mixing valve)		SWCX
KIRHX		Double zone distribution unit: direct + direct			
	VAGX	System freeze protection kit in the absence of electricity		IBHX	Single-phase back-up electric heater (2/4/6kW)
	ACS1000X	1000-litre domestic hot water storage tank		IBHTX	Three-phase back-up electric heater (3/6/9kW)
	ACS10SX	1000L domestic hot water storage tank with double coil for solar thermal connection		DTX	Auxiliary condensate collection tray
	QERATX	Electrical panel for three-phase heater connection on DHW storage tank		AMRX	Kit of antivibration mounts for floor installation
	TANKX	Buffer tank		AMMSX	Kit of antivibration anti-seismic mounts for floor installation
	KTCAX	Piping kit for the connection to the buffer tank		ASTFX	Kit of antivibration mounts for wall bracket installation
				KSIPX	Kit with wall fixing brackets
				VDACSX	Thermostatic switching valve for DHW

configurations

UNIT POWER SUPPLY (size 6.1÷8.1):

- 230M** Power supply 230/1/50
- 400TN** Power supply 400/3/50+N

dimensions and connections



For trouble-free operation of the unit it is essential to maintain the safety distances indicated by the green areas.

Back: 300 mm

Right side: 500mm (2.1÷8.1) / 600mm (9.1÷14.1)

Left side: 500mm (2.1÷8.1) / 300mm (9.1÷14.1)

Front: 1000mm (2.1÷3.1) / 1500mm (5.1÷8.1) / 3000mm (9.1÷14.1)

Size (230M)			2.1	3.1	4.1	5.1	6.1	7.1	8.1
Dimensions	Length(A) x Height (C) x Depth(B)		1.295x718x429		1.385x865x526				
Weight		kg	86		105		129		
		type/GWP	R-32 / 675						
Refrigerant charge		kg	1,4		1,75				
		CO ₂ tons	0,95		1,18				
External diameters	Water	inch	1"		1 1/4"				
Size (400TN)			6.1T	7.1T	8.1T	9.1	10.1	12.1	14.1
Dimensions	Length(A) x Height (C) x Depth(B)		1.385x865x526			1.129x1.558x440			
Weight		kg	144			177			
		type/GWP	R-32 / 675						
Refrigerant charge		kg	1,75		5				
		CO ₂ tons	1,18		3,4				
External diameters	Water	inch	1 1/4"		1 1/4"				

technical data

Size (230M)				2.1	3.1	4.1	5.1	6.1	7.1	8.1		
Heating	Capacity	Water 35/30°C - Outdoor air 7°C	Nominal	kW	4,20	6,35	8,40	10,00	12,10	14,50	15,90	
			Nominal	-	5,10	4,95	5,15	4,95	4,95	4,60	4,50	
	Capacity	Water 35/30°C - Outdoor air -7°C	Nominal	kW	4,70	6,00	7,00	8,00	10,00	12,00	13,10	
			Nominal	-	3,10	3,00	3,20	3,05	3,00	2,85	2,70	
	Capacity	Water 45/40°C - Outdoor air 7°C	Nominal	kW	4,30	6,30	8,10	10,00	12,30	14,10	16,00	
			Nominal	-	3,80	3,70	3,85	3,75	3,70	3,60	3,50	
Cooling	Capacity	Water 18/23°C - Outdoor air 35°C	Nominal	kW	4,50	6,50	8,30	9,90	12,00	13,50	14,20	
			Nominal	-	5,50	4,80	5,05	4,55	3,95	3,61	3,61	
	Capacity	Water 7/12°C - Outdoor air 35°C	Nominal	kW	4,70	7,00	7,45	8,20	11,50	12,40	14,00	
			Nominal	-	3,45	3,00	3,35	3,25	2,75	2,50	2,50	
	Electrical power for meter sizing				kW	3,50	3,50	6,50	6,50	6,50	6,50	
	Energy class				-	A++	A++	A++	A++	A++	A++	A++
Seasonal efficiency Medium climate	Heating 55°C	Annual energy consumption		kWh/year	2.749	3.348	4.064	4.541	6.916	6.917	7.213	
				SCOP	-	3,31	3,52	3,36	3,49	3,46	3,46	3,46
	ηs (seasonal output)			%	129	138	131	137	135	135	135	
	Energy class				-	A+++	A+++	A+++	A+++	A+++	A+++	A+++
	Heating 35°C	Annual energy consumption		kWh/year	2.354	2.849	3.223	3.649	5.156	5.157	6.011	
				SCOP	-	4,85	4,95	5,21	5,19	4,81	4,81	4,72
ηs (seasonal output)			%	191	195	205	205	189	189	186		
Indoor unit					2.1	3.1	4.1	5.1	6.1	7.1	8.1	
Power supply	Voltage/Frequency/Phases			V/Hz/n°	230/50/1							
Water flow-rate	Water 35/30°C - Outdoor air 7°C		Nominal	l/s	0,22	0,33	0,36	0,39	0,55	0,59	0,67	
Pump available pressure			Nominal	kPa	85,2	82,2	76,4	67,9	59,9	59,9	47,6	
Minimum system water content				l	20			40				
Expansion tank capacity				l	4,8							
Sound power			Nominal	dB(A)	55	58	59	60	65	65	68	
Sound pressure @1m			Nominal	dB(A)	41	44	45	45	50	50	53	
Operating range												
Water supply temperature	Heating	Minimum / Maximum	°C	30 / 65								
	Cooling	Minimum / Maximum	°C	5 / 25								
	DHW	Minimum / Maximum	°C	30 / 60								
Operating range (Outdoor air)	Heating	Minimum / Maximum	°C	-25 / 35								
	Cooling	Minimum / Maximum	°C	-5 / 43								
	DHW	Minimum / Maximum	°C	-25 / 43								
Size (400TN)				6.1T	7.1T	8.1T	9.1	10.1	12.1	14.1		
Heating	Capacity	Water 35/30°C - Outdoor air 7°C	Nominal	kW	12,10	14,50	15,90	18,00	22,00	26,00	30,00	
			Nominal	-	4,95	4,60	4,50	4,70	4,40	4,08	3,91	
	Capacity	Water 35/30°C - Outdoor air -7°C	Nominal	kW	10,00	12,00	13,10	18,00	21,00	22,00	23,00	
			Nominal	-	3,00	2,85	2,70	2,70	2,60	2,50	2,45	
	Capacity	Water 45/40°C - Outdoor air 7°C	Nominal	kW	12,30	14,10	16,00	18,00	22,00	26,00	30,00	
			Nominal	-	3,70	3,60	3,50	3,50	3,40	3,10	2,90	
Cooling	Capacity	Water 18/23°C - Outdoor air 35°C	Nominal	kW	12,00	13,50	14,20	18,50	23,00	27,00	31,00	
			Nominal	-	3,95	3,61	3,61	4,75	4,60	4,30	4,00	
	Capacity	Water 7/12°C - Outdoor air 35°C	Nominal	kW	11,50	12,40	14,00	17,00	21,00	26,00	29,50	
			Nominal	-	2,75	2,50	2,50	3,05	2,95	2,70	2,55	
	Electrical power for meter sizing				kW	6,50	6,50	6,50	10,60	12,50	13,80	14,50
	Energy class				-	A++	A++	A++	A++	A++	A+	A+
Seasonal efficiency Medium climate	Heating 55°C	Annual energy consumption		kWh/year	7.214	7.894	7.895	11.396	14.363	17.116	19.552	
				SCOP	-	3,46	3,41	3,41	3,21	3,23	3,16	3,14
	ηs (seasonal output)			%	135	133	133	125	126	123	123	
	Energy class				-	A+++	A+++	A+++	A+++	A+++	A+++	A+++
	Heating 35°C	Annual energy consumption		kWh/year	6.012	6.803	6.805	8.077	10.167	11.513	14.372	
				SCOP	-	4,72	4,62	4,62	4,61	4,54	4,50	4,20
ηs (seasonal output)			%	186	182	182	181	179	177	165		
Outdoor unit					6.1T	7.1T	8.1T	9.1	10.1	12.1	14.1	
Power supply	Voltage/Frequency/Phases			V/Hz/n°	400/50/3+N							
Water flow-rate	Water 35/30°C - Outdoor air 7°C		Nominal	l/s	0,55	0,59	0,67	0,81	1,00	1,24	1,41	
Pump available pressure			Nominal	kPa	47,6	33,1	33,1	101,9	94,6	78,8	59,4	
Minimum system water content				l	40			60				
Expansion tank capacity				l	4,8							
Sound power			Nominal	dB(A)	65	65	68	70	72	74	77	
Sound pressure @1m			Nominal	dB(A)	50	50	53	57	59	61	63	
Operating range												
Water supply temperature	Heating	Minimum / Maximum	°C	30 / 65								
	Cooling	Minimum / Maximum	°C	5 / 25								
	DHW	Minimum / Maximum	°C	30 / 60								
Operating range (Outdoor air)	Heating	Minimum / Maximum	°C	-25 / 35								
	Cooling	Minimum / Maximum	°C	-5 / 43								
	DHW	Minimum / Maximum	°C	-25 / 43								

PRELIMINARY DATA

Data according to EN 14511:2018 and EN 14825:2016

The Product complies with the European ErP Directive (EU Regulations 811/2013 - 813/2013 - 2016/2281).

**ALWAYS READY FOR
THE FUTURE**

INSPIRING SOLUTIONS

For over 30 years of working on the design, manufacturing and distribution of air conditioning and handling systems, combining high efficiency with minimal environmental impact, Clivet has developed solutions to ensure sustainable comfort and the well-being of people and the environment.

Designing and developing year-round air conditioning solutions with innovative technologies are part of Clivet's DNA, which means the company has always been ready for the future.

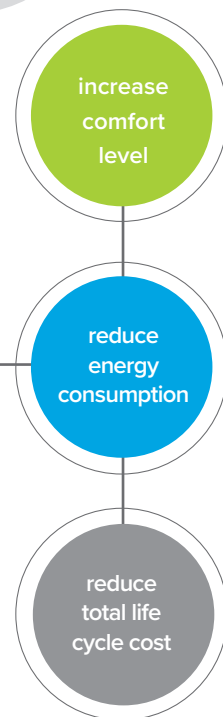


COMFORT FOR THE PLANET & PEOPLE

OUR VALUES

**IN THE RESIDENTIAL,
COMMERCIAL AND INDUSTRIAL SECTORS**

Increasing comfort, saving energy and providing customers with the best value for the entire life cycle of the system: these are the values that inspire our systems for the residential, services and industrial sectors.



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Clivet, in compliance with Regulation 517/2014, informs that its products contain
or operate with the use of fluorinated greenhouse gases.