

EDGE EVO 2.0 - EXC

WiSAN-YME 1 S 2.1÷14.1

Air-to-water packaged unit heat pump
for heating, cooling and domestic hot water production

ENERGY SAVING



Solar integration
(optional - DHW tank)



Cascade



Smart Grid
ready



€ Switch

COMFORT



Hot
Cold



DHW



Silent

RELIABILITY



Backup heater
(optional)



041



ProdottiQualità
CasaClima

HEALTH



Renewable Energy
(Full electric version)

CONVENIENCE



Weekley Timer



Contemporaneity
(Hybrid Version)



Instant DHW
(Hybrid Version)

MANAGEMENT AND CONNECTIVITY



Input
ON/OFF



User interface/
thermostat



Port
Modbus



Control
via App



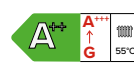
management
CONTROL4 NRG



Clivet Eye
monitoring



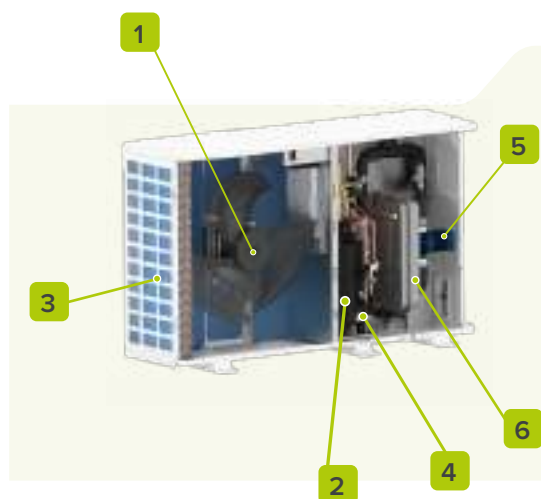
Energy
metering



- ✓ Versatile: wide range of applications in both packaged and hydro-split versions
- ✓ Designed for harsh climates: excellent performance at low temperatures and optional 3 to 9 kW auxiliary heaters
- ✓ Simultaneous production of DHW and cooling/heating (*Hybrid version*)
- ✓ Modular: combines up to 6 units in cascade for capacities up to 180 kW
- ✓ Advanced connectivity: management via the dedicated App or via the Modbus port with CONTROL4 NRG standard supplied

The perfect combination

EDGE EVO 2.0 - EXC combined with an EASY module is the solution designed to fulfil any system requirement, ensuring a simple and complete installation while optimising the space needed. Simply choose the perfect combination for your house and we'll take care of the rest.



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. 4.8-litre system expansion tank

technical data

Size					2.1	3.1	4.1	5.1	6.1	7.1	8.1
Heating	Capacity	Water 35/30 °C	Nominal / Maximum	kW	4,20 / 6,26	6,35 / 7,41	8,40 / 9,11	10,0 / 10,3	12,1 / 14,6bl	14,5 / 15,5	15,9 / 16,8
	COP	Outdoor air 7 °C	Nominal	-	5,10	4,95	5,15	4,95	4,95	4,60	4,50
	Capacity	Water 35/30 °C	Nominal / Maximum	kW	4,70 / 4,99	6,00 / 6,21	7,00 / 7,27	8,00 / 8,31	10,0 / 11,0	12,0 / 12,7	13,1 / 13,9
	COP	Outdoor air -7 °C	Nominal	-	3,10	3,00	3,20	3,05	3,00	2,85	2,70
	Capacity	Water 45/40 °C	Nominal / Maximum	kW	4,30 / 5,96	6,30 / 7,13	8,10 / 8,98	10,0 / 10,3	12,3 / 14,5	14,1 / 15,7	16,0 / 16,6
	COP	Outdoor air 7 °C	Nominal	-	3,80	3,70	3,85	3,75	3,70	3,60	3,50
Cooling	Capacity	Water 18/23 °C	Nominal / Maximum	kW	4,50 / 7,65	6,50 / 7,65	8,30 / 11,1	9,90 / 12,0	12,0 / 15,0	13,5 / 15,3	14,2 / 16,4
	EER	Outdoor air 35 °C	Nominal	-	5,50	4,80	5,05	4,55	3,95	3,61	3,61
	Capacity	Water 7/12 °C	Nominal / Maximum	kW	4,70 / 6,14	7,00 / 7,11	7,45 / 7,94	8,20 / 8,67	11,5 / 11,5	12,4 / 12,4	14,0 / 14,0
	EER	Outdoor air 35 °C	Nominal	-	3,45	3,00	3,35	3,25	2,75	2,50	2,50
Electrical power for meter sizing				kW	2,30	2,70	3,40	3,70	5,50	5,80	6,20
Seasonal efficiency Medium climate	Energy class			-	A++	A++	A++	A++	A++	A++	A++
	Heating	Annual energy consumption		kWh/year	2.749	3.348	4.064	4.541	6.916	6.917	7.213
		Water 55 °C	SCOP		-	3,31	3,52	3,37	3,47	3,45	3,47
	ηs (seasonal output)		%	129	138	131	137	135	135	133	
	Energy class			-	A+++	A+++	A+++	A+++	A+++	A+++	A+++
	Heating	Annual energy consumption		kWh/year	2.354	2.849	3.223	3.649	5.156	5.157	6.011
		Water 35 °C	SCOP		-	4,85	4,95	5,22	5,20	4,81	4,72
	ηs (seasonal output)		%	191	195	205	205	189	186	182	

Technical specifications

Power supply	Voltage/Frequency/Phases		V/Hz/n°	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1
Water flow-rate	Water 35/30 °C	Nominal	l/s	0,20	0,30	0,40	0,48	0,58	0,69	0,76
Pump available pressure	Outdoor air 7 °C	Nominal	kPa	85	84	80	71	60	48	40
Minimum system water content			l	30	30	40	40	40	40	40
Expansion tank capacity			l				4,8			
Sound power		Minimum / Nominal	dB(A)	53 / 55	55 / 58	54 / 59	55 / 60	59 / 65	59 / 65	59 / 68
Sound pressure @1m		Nominal	dB(A)	45	47	48	50	53	53	57

Operating range

Water supply temperature	Heating / DHW	Full electric	Minimum / Maximum °C	25 / 65	25 / 65	25 / 65	25 / 65	25 / 65	25 / 65	25 / 65
		Hybrid	Minimum / Maximum °C	25 / 75	25 / 75	25 / 75	25 / 75	25 / 75	25 / 75	25 / 75
Operating range	Cooling	-	Minimum / Maximum °C	5 / 25	5 / 25	5 / 25	5 / 25	5 / 25	5 / 25	5 / 25
	Heating	-	Minimum / Maximum °C	-25 / 35	-25 / 35	-25 / 35	-25 / 35	-25 / 35	-25 / 35	-25 / 35
(Outdoor air)	DHW	-	Minimum / Maximum °C	-25 / 43	-25 / 43	-25 / 43	-25 / 43	-25 / 43	-25 / 43	-25 / 43
	Cooling	-	Minimum / Maximum °C	-5 / 43	-5 / 43	-5 / 43	-5 / 43	-5 / 43	-5 / 43	-5 / 43

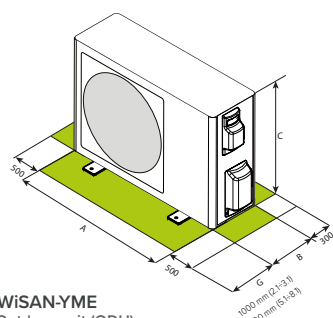
Data according to EN 14511:2018 and EN 14825:2016

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

dimensions and connections

Size			2.1	3.1	4.1	5.1	6.1	7.1	8.1
Dimensions	AxCxB	mm	1.295x714x400	1.295x714x400	1.385x864x445	1.385x864x445	1.385x864x445	1.385x864x445	1.385x864x445
Weight		kg	86	86	105	105	129	129	129
Refrigerant charge	type / GWP		R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675	R-32 / 675
	kg		1,40	1,40	1,40	1,40	1,75	1,75	1,75
	CO ₂ tons		0,95	0,95	0,95	0,95	1,18	1,18	1,18
External diameters	Water	inch	1"	1"	1" 1/4	1" 1/4	1" 1/4	1" 1/4	1" 1/4

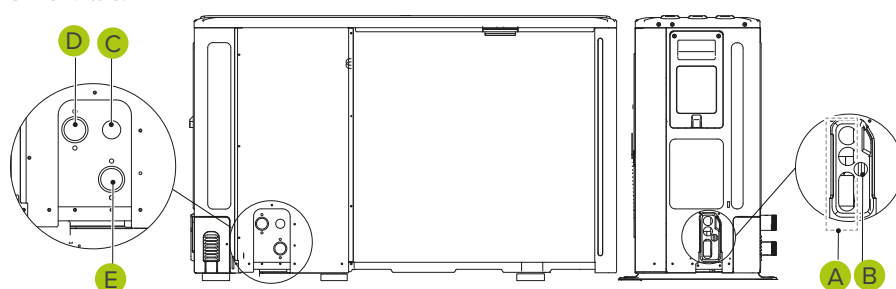
SIZES 2.1 to 3.1



WISAN-YME
Outdoor unit (ODU)

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

SIZES 4.1 to 8.1



- A. Hole for high voltage cable (power supply)
- B. Hole for low pressure cable (control and signal cables)
- C. Hole for discharge pipe
- D. Water outlet

- E. Water inlet