

EDGE PRO L

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

Capacity from 25 to 30 kW



Energy saving



Solar integration (DHW tank - optional)



Cascade



Smart Grid ready



€-Switch

Comfort



Hot Cold



DHW



Silent

Reliability



Backup heater (optional)

Health



Renewable Energy (Full electric version)

Management and connectivity



Input ON/OFF



User interface/thermostat



Port Modbus



Control via App



management CONTROL4 NRG



Clivet Eye monitoring



Energy metering

Convenience



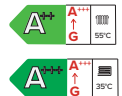
Weekley Timer



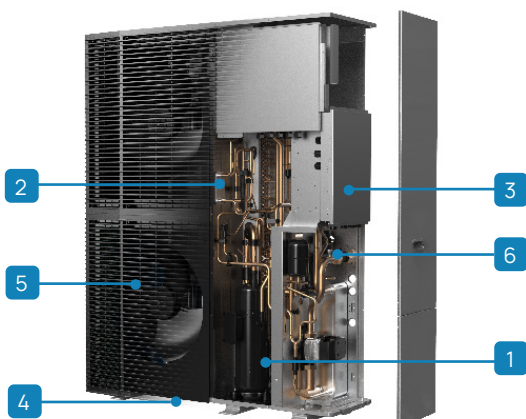
Contemporaneity (Hybrid Version)



Integrated DHW tank



- ✓ Guaranteed performance: Thanks to the scroll compressor with injection technology (EVI), it guarantees excellent performance under all conditions
- ✓ Functional, winning design: winner of IF Design Award 2025 and Red Dot Design Award 2025
- ✓ Renovation is easy: supply temperature up to 85 °C, perfect for any distribution system
- ✓ Advanced management: control up to 6 units in cascade with new advanced functions
- ✓ Reliability and safety guaranteed by new standard components
- ✓ Advanced connectivity: management via dedicated App or via Modbus port with CONTROL4 NRG included as standard



- 1 Injection scroll compressor
- 2 Intermediate heat exchanger
- 3 Hermetic control panel
- 4 Base frame electric heater
- 5 Grille design
- 6 Flow meter

When the cold gets serious

Its strength lies in the scroll compressor with EVI (Enhanced Vapour Injection) technology, which maintains the nominal capacity down to 10 °C outdoor air temperature. In other words, it guarantees constant comfort and performance even when the cold gets serious.

Configurations

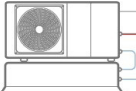
BACK-UP ELECTRIC HEATER (INTEGRATED IN THE UNIT):

- No heater (standard)

Mandatory accessories

	HMINX	Black KJRH-120L control		KITR290X	Simplified installation kit for R-290 units
	HMITX	White KJRH-120L control			

Accessories

	IBHX	Electric back-up heater (single phase)		DEGAX ^{NEW}	High-efficiency deaerator
	IBHTX	Electric back-up heater (three-phase)		VDACSX	Thermostat-controlled switching valve for domestic hot water
	3DHWX	System/DHW 3-way switching valve (SV1)		DI50-2X	50 liter hydraulic separator
	ACS200X	200 liter DHW tank		DI100-2X	100-litre circuit breaker
	ACS300X	300 liter DHW tank		DTX	Condensate collection pan with electric heater
	ACS500X	500 liter DHW tank		T1BX	DHW temperature probe and additional 10m heating source
	QERAX	Connection kit for single-phase heater on DHW storage tank (for ACS200/300/500X)		T1B30X	DHW temperature probe and additional 30m heating source
	SCS08X	Solar coil for ACS200X/ACS300X DHW tank		AMRX	Kit of antivibration mounts for floor installation
	SCS12X	Solar coil for ACS200X/ACS300X DHW boilers		HTC2WX	White HID-TConnect2 chronothermostat for temperature control
	FDMX	Magnetic dirt separator filter for water distribution systems		SWCX	Receiver / IoT switch SwitchConnect
	TANKSX	50 L system inertial storage tank			
	TANKMX	75 L system inertial storage tank			
	TANKLX	100 L system inertial storage tank			
	KTCAX	Hose kit for connecting the unit to the inertial storage tank			
	VAGX	Safety antifreeze valve for system			

Technical data

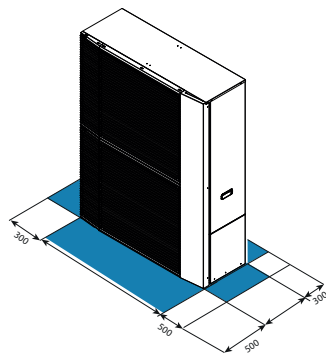
Size					12.1	14.1
Heating	Capacity	Water 35/30 °C	Nominal / Maximum	kW	25,0 / 28,7	30,1 / 31,6
	COP	Outdoor air 7 °C	Nominal	-	4,77	4,50
	Capacity	Water 35/30 °C	Nominal / Maximum	kW	21,0 / 26,1	24,0 / 29,0
	COP	Outdoor air -7 °C	Nominal	-	3,03	2,86
	Capacity	Water 45/40 °C	Nominal / Maximum	kW	25,0 / 29,1	30,1 / 32,8
	COP	Outdoor air 7 °C	Nominal	-	3,81	3,63
Cooling	Capacity	Water 18/23 °C	Nominal / Maximum	kW	26,0 / 38,3	30,1 / 40,9
	EER	Outdoor air 35 °C	Nominal	-	4,64	4,41
	Capacity	Water 7/12 °C	Nominal / Maximum	kW	26,0 / 27,0	30,1 / 31,6
	EER	Outdoor air 35 °C	Nominal	-	3,10	2,80
Electrical power for meter sizing				kW	14,5	16,4
Seasonal efficiency Medium climate	Heating Water 55 °C	Energy class	-	A+++		
		SCOP	-	3,84	3,79	
		ns (seasonal output)	%	151	149	
	Heating Water 35 °C	Energy class	-	A+++	A++	
		SCOP	-	4,95	4,92	
		ns (seasonal output)	%	195	194	
Technical specifications						
Power supply		Voltage/Frequency/Phases		V/Hz/n°	400/50/3+N	
Water flow-rate		Water 35/30 °C	Nominal	l/s	1,20	1,44
Pump available pressure		Outdoor air 7 °C	Nominal	kPa	92	66
Minimum system water content				l	100	
Sound power			Minimum / Nominal	dB(A)	63 / 68	63 / 74
Sound pressure @1m			Nominal	dB(A)	45 / 55	47 / 61
Operating range						
Water supply temperature	Heating / DHW	Full electric	Minimum / Maximum	°C	20 / 85	
	Cooling	-	Minimum / Maximum	°C	0 / 25	
Operating range (Outdoor air)	Heating	-	Minimum / Maximum	°C	-25 / 43	
	Cooling	-	Minimum / Maximum	°C	-15 / 48	

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).

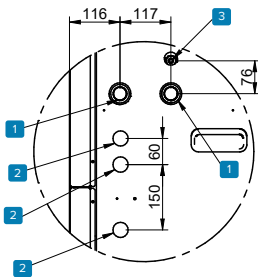
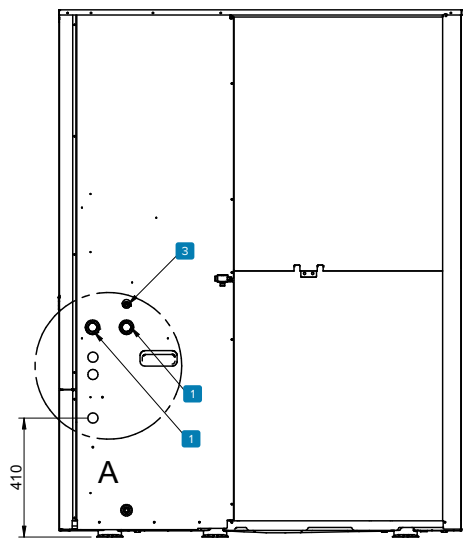
Dimensions and connections

Size			12.1	14.1
Dimensions	AxCxB	mm	1.388x1.816x556	
Weight		kg	279	
		type / GWP	R-290 / 0,02	
Refrigerant charge		kg	2,90	
		CO ₂ tons	0,00006	
External diameters	Water	inch	1" 1/4	



WiSAN-PMP 1 S 12.1 - 14.1
Outdoor unit (ODU)

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



- 1 Water connections
- 2 Electrical line inlet
- 3 Water safety valve drain