



KITA LP Plus

High-efficiency reversible air-to-water

Technology
Made in Italy



RESIDENTIAL

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High efficiency air-water reversible monoblock LP/Plus series heat pumps, with Inverter Scroll compressor.

Full-Inverter operation: adapts the machine to the precise heat load requirements of the home, with savings over 30%.

KITA heat pumps are designed in Italy and integrate perfectly into both modern and classic buildings.

First-class electronics ensure total control over the operation of the machine, even remotely.

Kita is environmentally friendly as it doesn't rely on fossil fuels, providing heating and air conditioning without the need for an auxiliary boiler.



Advantages:



Energy class



Heating



Cooling



Domestic Hot Water



Italian technology



Photovoltaic integration



Villas



Condos



Remote monitoring



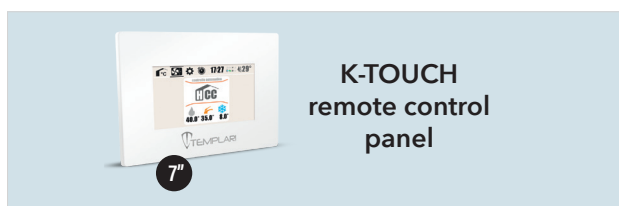
Easy to install



High temperature



Front ventilation



K-TOUCH
remote control
panel

KITA LP PLUS/R290

MODEL	Heating												DHW		Cooling			
	A 12°C / W 35° C		A 7°C / W 35° C		A 2°C / W 35° C		A -7°C / W 35° C		A -15°C / W 35° C		A -20°C / W 35° C		A 2°C / W 55° C		A 35°C / W 7° C		A 35°C / W 18° C	
	Qh	COP	Qh	COP	Qh	COP	Qh	COP	Qh	COP	Qh	COP	Qh	COP	Qc	EER	Qc	EER
	kW		kW		kW		kW		kW		kW		kW		kW		kW	
LP PLUS 35 4.110.3	39,55	5,72	35,00	4,92	30,65	4,28	25,60	3,19	20,56	2,61	17,96	2,33	27,68	2,48	27,83	3,22	38,08	4,30
LP PLUS 40 4.110.4	45,62	5,44	40,00	4,72	35,35	4,07	29,34	3,04	23,72	2,52	20,73	2,26	31,93	2,35	31,38	2,95	38,08	4,30

KITA LP Plus

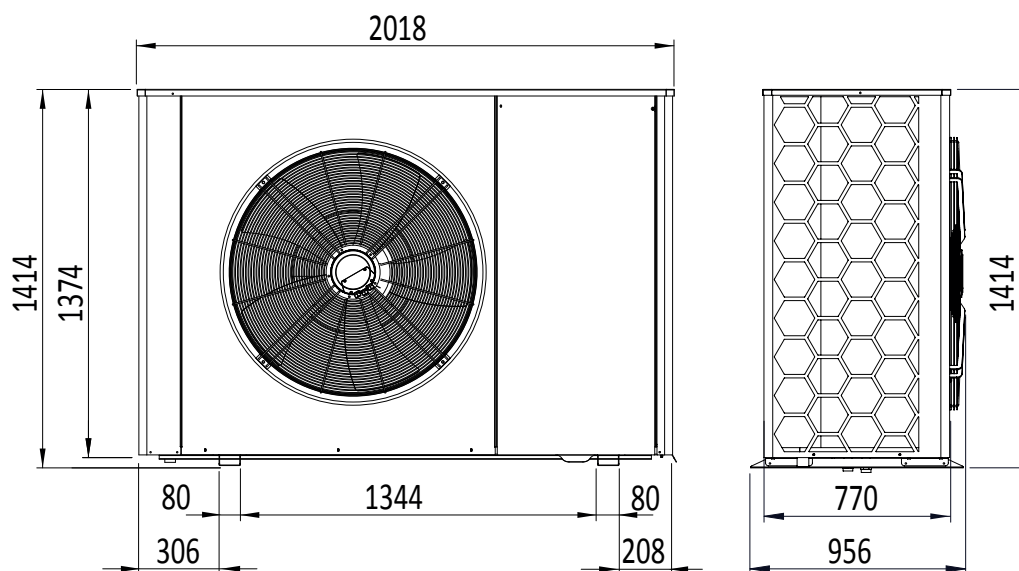
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TECHNICAL DATA

Energy class:	A+++
Power supply:	400 V - 3 ph - 50Hz
Max electrical absorption A-20/W55:	20,12 kW
Noise level:	Max sound pressure at 1 meter distance: 52 dB(A)
Compressor:	Inverter Scroll
External fan:	Inverter typology: BLDC Nominal diameter: 910 mm Max Speed: 610 rpm
Finned coil:	Fin spacing: 2,5 mm

Exchanger:	Type: Plates Material: stainless steel
Refrigerant:	R290
Diameter of water pipes:	Input: 1" 1/2 Output: 1" 1/2
Hydraulic circuit:	Pump type: EC
Dimensions:	1414 mm (H) x 2018 mm (L) x 956 mm (P)

DIMENSIONS WITH BRACKETS





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Mandatory accessory, to be chosen from the options - Controller

Code	Description	Note
4.5.3.2	7" Touchscreen Panel	
HCC-F01	Recessed metal frame for touch screen panel	
HCC-F02	On wall metal frame for touch screen panel	Alternative to HCC-F01

Mandatory Accessories

Code	Description	Note
4.5.3.18	T-split board kit	Board for digital communication between indoor and outdoor units

Mandatory Plumbing Accessories

Code	Description	Note
2.4.1.1	Circulation pump YONOS PARA HF 30/12	

Plumbing add-ons

Code	Description	Note
4.5.4.1	3-WAY valve kit (body + motor)	
SN.NTCWP3M	SN.NTCWP3M DHW temperature sensor	3 m
K-FY	Brass 2" Y-filter with 1 1/4" connections	
2.4.2.5	1 1/2" antifreeze valve	

Electrical add-ons

Code	Description	Note
2.5.7.1	HCC, 100 m cable coil 2x0.50 sq mm for MODBUS connection	Modbus cable to connect the machine to the HCC (controller)
4.5.2.8	HCC, power supply kit - pair of 200 m cable coils (red+black) 1 sq mm	Modbus cable to connect the machine to the HCC (controller)
4.5.2.7	3ph 9 kW auxiliary heating element kit	Resistance for supply pipe. Separate installation
K-RSC	Drain pipe heating cable	
4.5.2.10	QE dual powers supply 24A/40A	Alternative to standard single power supply
EL.CV_IM10	System and B2-B3 Puffer cable, length 10mt	Cable connecting the machine to the puffer probes

Electronic add-ons

Code	Description	Note
4.5.3.1	PGD panel Kit	With 4.5.3.1+4.5.3.2 the code is mandatory. BMS BOARD
4.5.3.4	C-Mix board	
4.5.3.3	Floor board	
4.5.3.5	Room temperature and humidity sensor	Black
4.5.3.6	Room temperature and humidity sensor	White
SCHEDA BMS	Electronic board for additional serial port	Mandatory with the purchase of one or more of the following: 4.5.3.4, 4.5.3.3, 4.5.3.5/6

Optional

Code	Description	Note
VE.910FG	Flow Grid for d.910 fan	Alternative to standard insulation
4.5.1.11	Outdoor unit protection grid	Protection grid
2.1.3.3	BASE SBR floor supports, dimensions L250xH95xP130	