



KITA LP

High-efficiency reversible air-to-water

Technology
Made in Italy



RESIDENTIAL



High efficiency air-water reversible monoblock LP 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

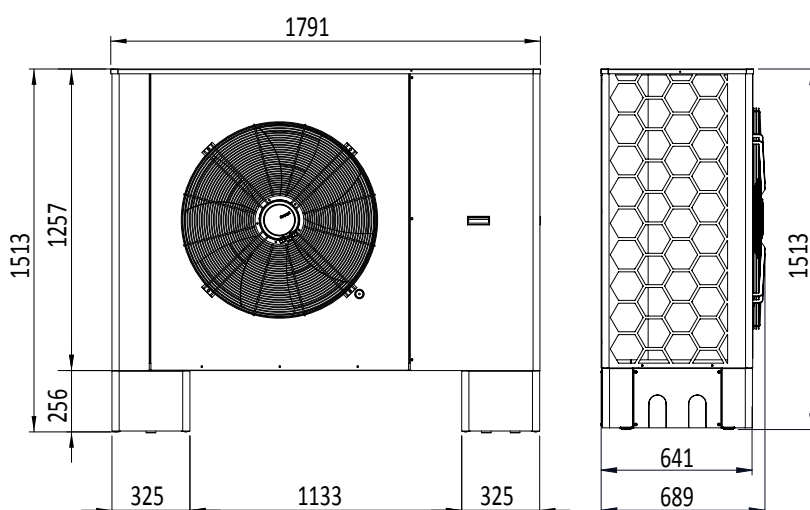
KITA LP/R290

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 kW	COP	Qh kW	COP	Qh kW	COP	Qh kW	COP	Qh kW	COP	Qh kW	COP	Qh kW	COP	Qc kW	EER	Qc kW	EER
LP-22 4.1.9.2	22,92	5,41	22,00	4,52	20,20	4,09	16,10	3,08	12,87	2,51	11,79	2,18	17,69	2,27	17,14	3,00	19,94	4,54
LP-26 4.1.9.1	29,54	5,81	26,18	5,08	23,12	4,44	19,44	3,35	15,88	2,76	13,88	2,42	21,09	2,54	21,40	3,36	23,00	5,34
LP-28 4.1.9.6	31,70	5,67	28,11	4,97	24,82	4,37	20,89	3,29	17,09	2,72	14,98	2,40	22,91	2,49	22,91	3,24	23,00	5,34
LP-32 4.1.9.7	36,22	5,46	32,22	4,78	28,58	4,19	24,06	3,14	19,74	2,61	17,32	2,31	26,23	2,37	23,86	3,15	23,00	5,34
LP-35 4.1.9.8	39,42	5,28	35,00	4,65	31,14	4,10	26,27	3,09	21,56	2,56	18,97	2,27	28,61	2,30	23,86	3,15	23,00	4,31

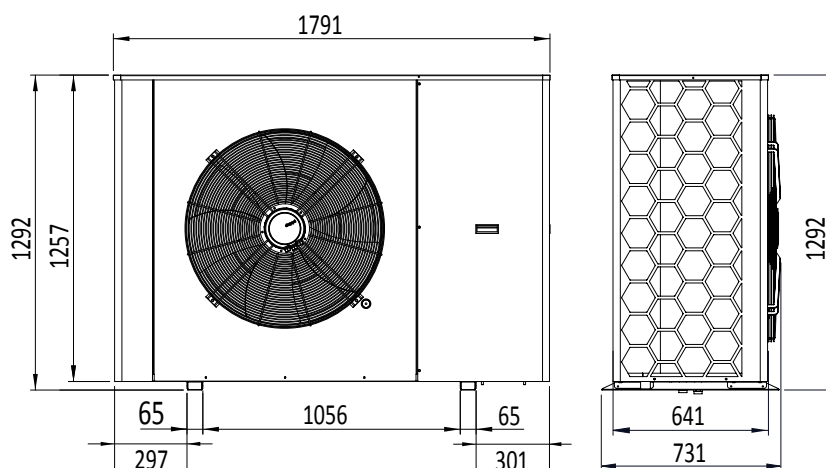
TECHNICAL DATA

Energy class:	A+++	Finned coil:	Fin spacing: 2,5 mm
Noise level:	Max sound pressure at 1 meter distance: 52 dB(A)	Exchanger:	Type: Plates - Material: stainless steel
Compressor:	Inverter Scroll	Refrigerant:	R290A
External fan:	BLDC type	Diameter of water pipes:	Input; 1" - Output: 1"
		Hydraulic circuit:	Pump type: EC
		Dimensions:	1257 mm (H) x 1791 mm (L) x 641 mm (P)

DIMENSIONS WITH BRACKETS



DIMENSIONS WITH LEGS



High-efficiency reversible air-to-water

Mandatory accessory to be chosen from the options - Outdoor Unit

Code	Description	Note
4.5.1.3	Support brackets for outdoor unit	To be used with 2.1.3.2 or 2.1.3.3
4.5.1.4	Metal legs for outdoor unit	

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

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
2.4.3.2	Flexible couplings kit with 1 1/2" F fittings	2 pieces
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	
2.5.3.12	SG-READY board	
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.800FG	Flow grid d.800 fan	Alternative to standard insulation
VE.910FG	Flow Grid for d.910 fan	Alternative to standard insulation
4.5.5.1	D.910 fan surcharge	
4.5.6.2	SILENCE KIT surcharge for outdoor unit	Alternative to standard insulation
2.1.3.2	Pair of 1200x700 mm wall brackets for outdoor unit	
2.1.3.3	BASE SBR floor supports, dimensions L250xH95xP130	Mandatory with brackets 4.5.1.3
4.5.1.9	Outdoor unit protection grid	Protection grid