



Templari
HEAT PUMPS

Technology
Made in Italy





Templari S.p.A. was founded in 2006 from the vision of Gianluca and Massimo Masiero, two brothers united by a shared passion for technological innovation and the ambition to build a company capable of making a real difference in the field of climate comfort.

For this reason, Templari is dedicated to the development of advanced HVAC solutions based on next-generation heat pump technology.

The company's primary goal is to minimize environmental impact by combining innovation with respect for nature. The beating heart of Templari lies in its Research & Development (R&D) department, where outstanding products such as the KITA range are developed. KITA air-to-water heat pumps are innovative solutions, entirely designed and engineered in Italy.

After gaining solid experience in the residential sector, Templari expanded into the industrial field with the creation of **KITA AIR**.

KITA AIR is an air-to-air heat pump designed for large-scale industrial environments. Powerful and reliable even at temperatures below -20°C , it continues to evolve with increasingly refined design and advanced functionalities.





Single-family home



Semi-detached



Condominiums



Industrial areas



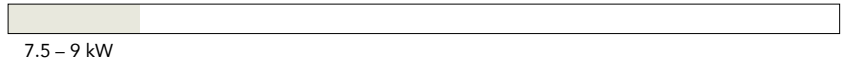
Warehouses



Commercial spaces



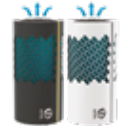
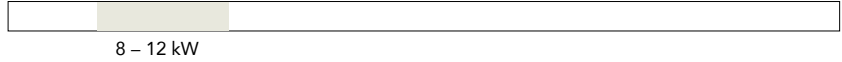
KITA X 7.5 – 9 kW



KITA XS 7.5 – 9 kW



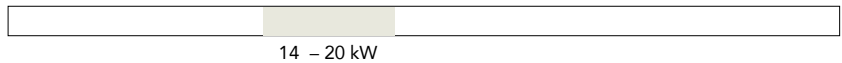
KITA SP 8 – 12 kW



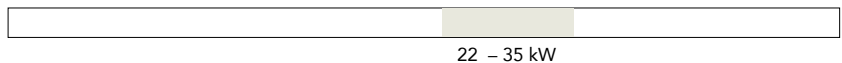
KITA HRP 10 – 16 kW



KITA MP 14 – 20 kW



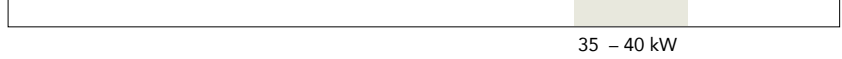
KITA LP 22 – 35 Kw



KITA LR 35 kW



KITA LP PLUS 35 – 40 kW



KITA LR 48 kW



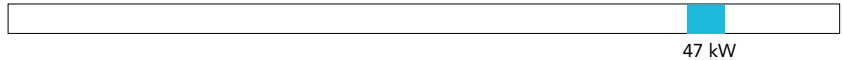
KITA XL (air-to-water) 70 kW



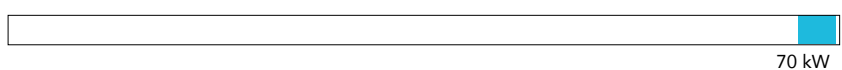
KITA AIR 34 – 40 kW



KITA AIR PLUS 47 kW



KITA XL (air-to-air) 70 kW



Air-to-Water Version
 Air-to-Air Version

HEAT PUMPS AIR-TO-WATER

INNOVATIVE SOLUTIONS FOR RESIDENTIAL COMFORT



VILLAS - CONDOMINIUMS - OFFICES - SMALL BUSINESSES



KITA XS

KITA HRP

KITA SP-R290

KITA MP-R290

KITA LP-R290

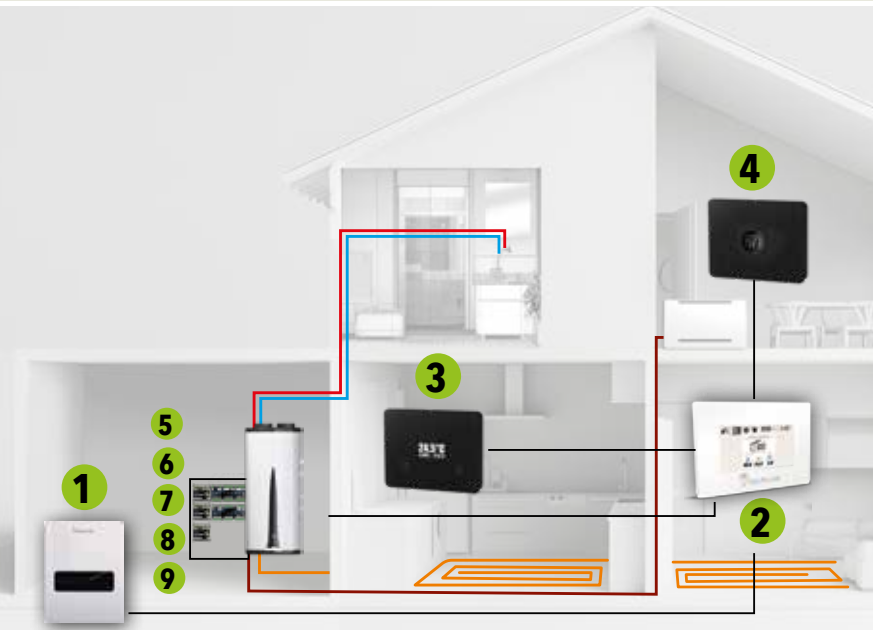
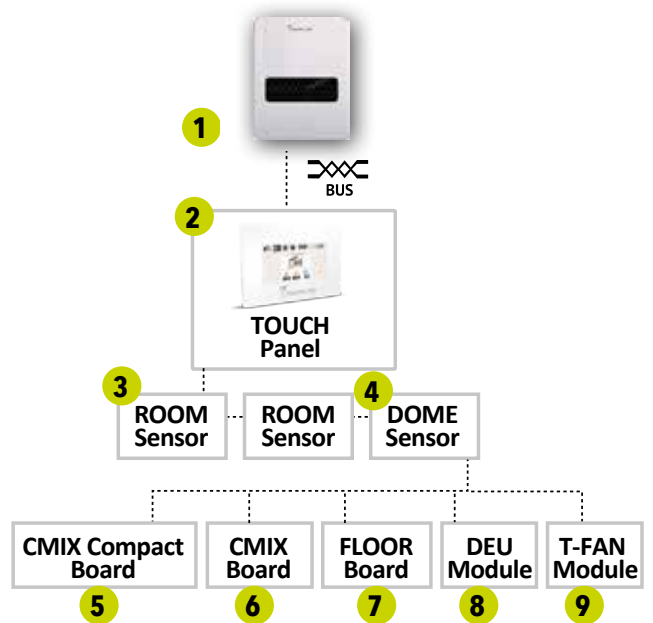
KITA LP/Plus-R290

KITA LR-R32

KITA LR-Plus-R32

The Templari KITA ranges are an eco-friendly solution that requires no boiler integration, enabling a complete transition away from fossil fuels, which are harmful to the environment. Every day, Templari invests significant resources, expertise, and professional skills to continuously enhance the performance of its products. By introducing new solutions and advanced features, the KITA ranges become increasingly efficient and sustainable, meeting the broadest range of customer needs.

Thermoregulation HCC system for remote control



HEAT PUMPS AIR-TO-WATER

THE BENEFITS

Templari air-to-water heat pumps from the KITA range are capable of providing space heating and cooling while simultaneously producing domestic hot water, ensuring year-round comfort.

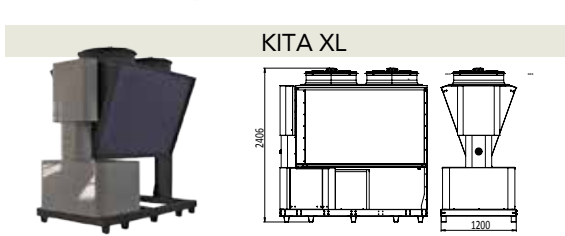
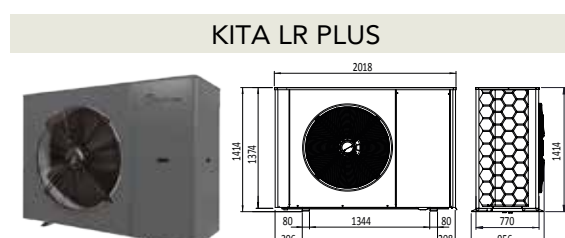
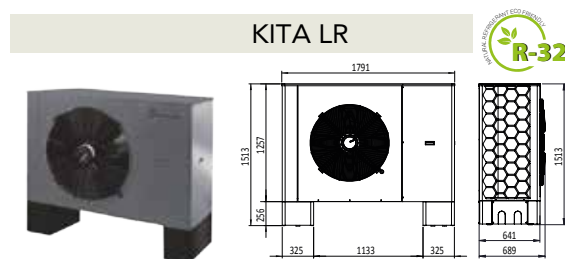
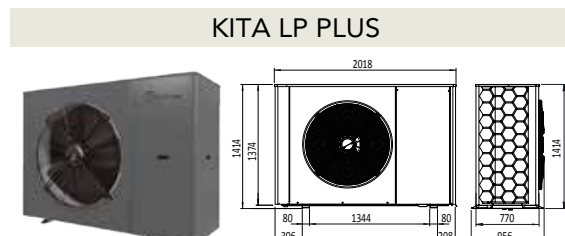
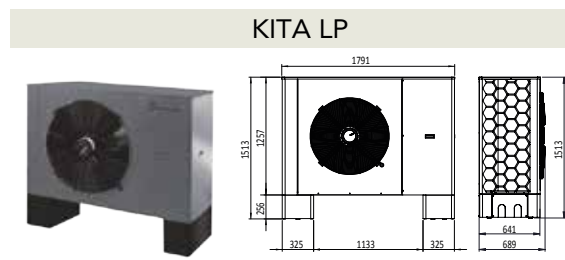
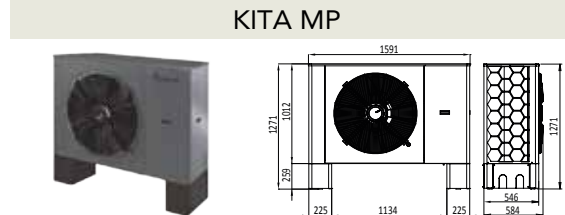
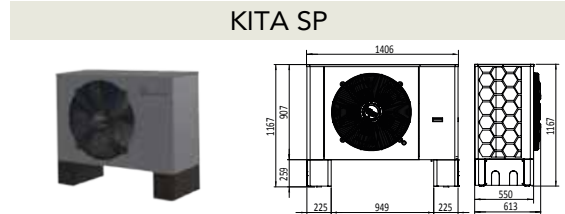
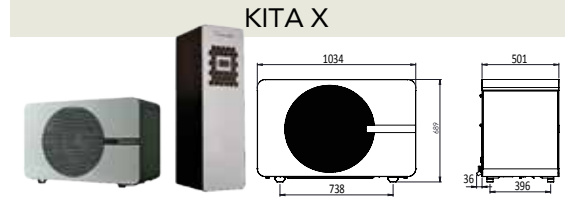
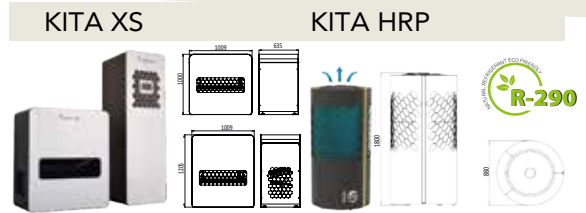
The different product ranges allow customers to choose the most suitable solution for their specific needs, maximizing the performance and efficiency of the selected heat pump.

The KITA range is ideal for single-family homes, large residential spaces such as townhouses or large apartment buildings, small commercial spaces, and small businesses.

The KITA range can also be powered by electricity generated from renewable sources, delivering energy savings while further reducing operating costs and increasing return on investment.

Thanks to the advanced technology of the KITA range and the various devices integrated into the system, unit operation can be continuously monitored, with the ability to remotely adjust environmental parameters according to specific needs.

Thanks to a wide range of accessories, KITA heat pumps can be managed or integrated with Templari home automation systems or third-party solutions, allowing remote temperature control.



HEAT PUMPS AIR-TO-AIR

INNOVATIVE SOLUTIONS FOR INDUSTRIAL COMFORT



INDUSTRIAL AREAS - WAREHOUSES - COMMERCIAL SPACES



Outdoor Unit

KITA AIR

KITA AIR COLD

KITA AIR PLUS



Indoor Unit

DUCTED

SPLIT

Efficient climate control for large spaces. KITA Air air-to-air heat pump units represent the ideal solution for conditioning large indoor environments such as industrial halls, production areas, warehouses, and gyms, providing both winter heating and summer cooling.

KITA Air eliminates the need for a hydraulic circuit, while installation between the outdoor and indoor units is simple, fast, and cost-effective.

INSTALLATION EXAMPLE



With Multi-Air 15" panel for multi-machine control

Maximum distance between outdoor unit and indoor unit

30 mt

Maximum distance between outdoor unit and indoor unit

30 mt

Maximum distance between outdoor unit and indoor unit

30 mt

OUTDOOR UNIT

Power supply:	V/Ph/Hz 400/3/50
Max power consumption:	14,2 kW (KITA AIR) 16 kW (KITA AIR COLD) 18 kW (KITA AIR PLUS)
Thermal breaker:	4x25A (KITA AIR) 4x32A (KITA AIR COLD-KITA AIR PLUS)
Operating temperature:	Winter heating -25°C / 28°C Summer conditioning 5°C / 45°C
Compressor:	Inverter steam injection scroll
External fan:	Inverter typology: BLDC Nominal diameter: 910 mm Maximum power consumption: 0,700 kW Max current: 1,1 A Maximum speed: 640 rps Maximum air flow: Nm ³ /h 17203 18040 (KITA AIR PLUS)



KITA AIR - KITA AIR COLD

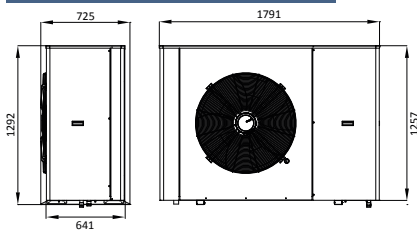


KITA AIR PLUS

Outdoor unit noise:	External sound pressure (distance 5 mt): 38 dB(A)
Outdoor unit dimension (HxLxP):	1257 x 1791 x 641 mm (KITA AIR - KITA AIR COLD) 1414 x 2021 x 956 mm (KITA AIR PLUS)
Refrigerant:	R32 - Q.ty 7,4 Kg
Refrigerant connections Ø:	GAS: 22 mm (KITA AIR - KITA AIR COLD) 28 mm (KITA AIR PLUS) Liquid: 16 mm
Number of connectable indoor units:	1
Weight:	285 kg (KITA AIR - KITA AIR COLD) 370 kg (KITA AIR PLUS)

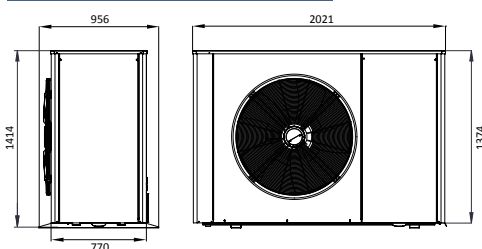
KITA AIR /AIR COLD

Indoor unit



KITA AIR PLUS

Outdoor unit

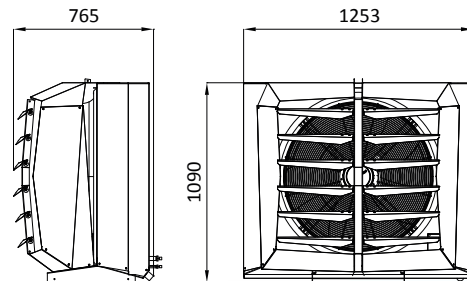


SPLIT VERSION



INDOOR UNIT

Type:	Inverter BLDC
Nominal diameter:	800 mm
Maximum power consumption:	0,835 kW
Max current:	1,4 A
Maximum speed:	735 rpm
Minimum air flow:	5800 m ³ /h
Max air flow:	14000 m ³ /h
Throw distance:	25 m
Indoor unit noise (distance 3 meters):	External sound pressure 42 dB (A)
Indoor unit dimensions (HxLxP):	1090 x 1253 x 765 mm
External heat exchangers:	No. of ranks - 3 Fin spacing 1,7 mm
Weight:	100 kg

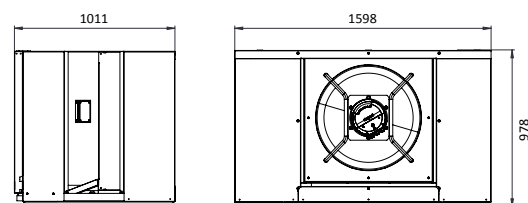


DUCTED VERSION



**DUCTED
INDOOR UNIT**

Type:	Inverter BLDC
Nominal diameter:	630 mm
Maximum power consumption:	1,3 kW
Max current:	2 A
Maximum speed:	1000 rpm
Minimum airflow with filter:	9338 m ³ /h
Maximum airflow with filter:	11178 m ³ /h
Max air flow (with internal battery only):	14000 m ³ /h
Residual pressure (only machine):	380 Pa
Nominal air flow (machine+air duct):	11000 m ³ /h
Residual pressure:	230 Pa
Minimum air flow with filter:	9300 m ³ /h
Residual pressure:	180 Pa
Indoor unit dimensions (HxWxD):	978 x 1598 x 1011 mm
External heat exchangers:	No. of rank 4 - Fin spacing 1.5 mm
Weight:	208 Kg



KITA XS/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 65° C		A35°C / W 7° C		A35°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
XS 75	7,58	5,90	7,50	4,66	6,47	4,31	5,32	3,26	4,23	2,73	3,64	2,47	5,53	2,45	6,00	3,15	6,45	4,78
XS 9	7,53	5,47	9,00	4,23	7,76	3,74	6,43	2,88	5,12	2,43	4,39	2,18	6,87	2,23	7,00	2,79	6,65	4,71

KITA X/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 65° C		A35°C / W 7° C		A35°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
X 7.5-R290	7,58	6,02	7,50	4,75	6,60	4,40	5,42	3,33	4,31	2,78	3,70	2,52	5,64	2,49	6,00	3,21	6,45	4,88
X 9-R290	7,53	5,57	9,00	4,31	7,92	3,81	6,56	2,94	5,22	2,48	4,47	2,22	7,01	2,27	7,00	2,85	6,65	4,80

KITA HRP/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 -20°C / W 35° C		A 2°C / W 65° C		A35°C / W 7° C		A35°C / W 18° C			
	Qh	COP	Qh	COP	Qh	COP	Qh	COP	Qh	COP	Qh	COP	Qc	EER	Qc	EER		
	kW			kW		kW		kW		kW		kW		kW		kW		
HRP 10	10,32	5,16	9,06	4,43	7,50	3,25	6,93	3,01	5,18	2,31	6,50	1,88	7,92	3,23	11,17	4,60		
HRP 12	13,69	5,71	12,09	4,90	10,63	4,23	8,80	3,11	6,11	2,23	9,04	2,27	9,26	3,01	13,00	4,21		
HRP 14	15,93	5,34	14,09	4,61	12,42	3,99	10,31	2,96	7,18	2,13	10,60	2,11	10,68	2,74	13,00	4,21		
HRP 16	17,99	4,93	15,93	4,25	14,04	3,70	11,01	2,91	7,67	2,10	11,11	1,94	11,09	2,65	13,00	4,21		

KITA SP/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 65° C		A35°C / W 7° C		A35°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
SP-8	9,00	6,91	8,00	5,78	7,01	4,92	5,76	3,72	4,59	3,01	4,03	2,55	5,71	2,70	6,40	3,86	9,36	5,57
SP-10	11,30	6,37	10,00	5,44	8,81	4,72	7,36	3,52	5,87	2,86	5,13	2,44	7,42	2,60	8,22	3,62	10,00	5,43
SP-12	13,65	5,81	12,10	4,99	11,53	4,23	10,94	3,02	8,82	2,50	7,61	2,20	9,78	2,32	10,00	3,36	10,00	5,43

KITA MP/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 65° C		A35°C / W 7° C		A35°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
MP-14	15,75	5,78	14,00	4,92	12,31	4,26	10,31	3,18	8,26	2,59	7,10	2,27	10,47	2,23	12,00	3,11	12,00	5,61
MP-16	17,34	5,62	15,04	4,75	13,58	4,16	11,36	2,95	9,13	2,53	7,84	2,21	11,52	2,11	12,00	3,11	12,00	5,61
MP-18	20,33	5,84	18,04	5,09	15,91	4,46	13,24	3,31	10,65	2,69	9,17	2,32	14,18	2,49	12,00	3,38	12,00	5,41
MP-20	22,47	5,63	20,00	4,90	18,42	4,27	16,38	3,16	13,25	2,58	11,49	2,25	16,38	2,37	12,00	3,38	12,00	5,41

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 65° C		A35°C / W 7° C		A35°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-22	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	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	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	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	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	5,34

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 65° 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	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	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 LR35/R32

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
LR35	39,15	5,06	34,80	4,50	33,17	3,94	28,76	3,17	25,31	2,85	22,89	2,58	32,80	2,71	30,60	3,12	32,00	4,70
LR 35 Cold	39,31	5,20	35,42	4,62	36,34	3,93	33,11	3,10	27,70	2,65	24,93	2,42	35,51	3,12	30,09	3,39	32,00	5,03

KITA LR-PLUS/R32

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
LR Plus	51,00	5,02	48,67	4,58	45,59	4,01	41,95	3,37	34,69	2,83	31,05	2,53	42,55	2,43	38,00	2,47	39,00	4,12

KITA XL-R32 - AIR-TO-WATER

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
XL- A/W	70,66	5,33	70,63	4,57	70,13	3,94	69,33	3,02	52,52	2,66	45,86	2,41	69,76	2,67	65	2,88	62	4,49

KITA XL-R32 - ARIA/ARIA

MODEL	Heating												Cooling	
	A 12°C / A 20° C		A 7°C / A 20° C		A 2°C / A 20° C		A -7°C / A 20° C		A -15°C / A 20° C		A -20°C / A 20° C		A 35°C / A 27° C	
	Qh	COP	Qh	COP	Qh	COP	Qh	COP	Qh	COP	Qh	COP	Qc	EER
	kw			kw		kw		kw		kw		kw		kw
XL- A/A	70,00	5,18	70,63	4,50	70,38	3,91	69,27	3,06	51,56	2,82	44,49	2,59	65,00	4,06

KITA AIR

MODEL	Heating												Cooling	
	A 12°C / A 20° C		A 7°C / A 20° C		A 2°C / A 20° C		A -7°C / A 20° C		A -15°C / A 20° C		A -20°C / A 20° C		A 35°C / A 27° C	
	Qh	COP	Qh	COP	Qh	COP	Qh	COP	Qh	COP	Qh	COP	Qc	EER
	kw			kw		kw		kw		kw		kw		kw
KITA AIR VRF	34,80	4,91	34,80	4,45	34,80	3,75	32,00	3,20	32,00	2,70	27,00	2,50	34,80	4,02
KITA AIR	39,00	4,70	39,00	4,45	35,00	3,75	32,00	3,20	32,00	2,70	27,00	2,50	35,00	4,02
KITA AIR Cold	40,00	4,63	40,00	4,36	35,00	4,00	35,00	3,10	35,00	2,60	30,00	2,35	37,00	4,20

KITA AIR PLUS

MODEL	Heating												Cooling	
	A 12°C / A 20° C		A 7°C / A 20° C		A 2°C / A 20° C		A -7°C / A 20° C		A -15°C / A 20° C		A -20°C / A 20° C		A 35°C / A 27° C	
	Qh	COP	Qh	COP	Qh	COP	Qh	COP	Qh	COP	Qh	COP	Qc	EER
	kw			kw		kw		kw		kw		kw		kw
KITA AIR Plus	48,00	4,81	47,00	4,20	45,00	3,84	42,00	3,04	35,00	2,65	31,00	2,45	39,00	4,00

Qh= Thermal capacity COP= Coefficient of performance Qc= Cooling capacity EER= Cooling efficiency

BUILT-IN TECHNICAL CABINET



The Templari Built-in Technical Cabinet concentrates all the technology required for heat pump operation into a compact space. Designed to meet the needs of modern residential living, it provides a complete thermal plant solution. It can be wall-mounted or partially recessed into masonry, requiring only 40 cm of depth and 220 cm of height, ensuring a clean, functional, and well-organized installation.

Main benefits

- Simple and fast installation
- Prevents installation errors
- Compatible with existing systems
- Intuitive management via touch control panel, also accessible remotely via app or PC
- Enables significant cost savings

Ideal for:

- Apartments and single-family homes
- New constructions and renovation projects



Single-family homes



Semi-detached houses

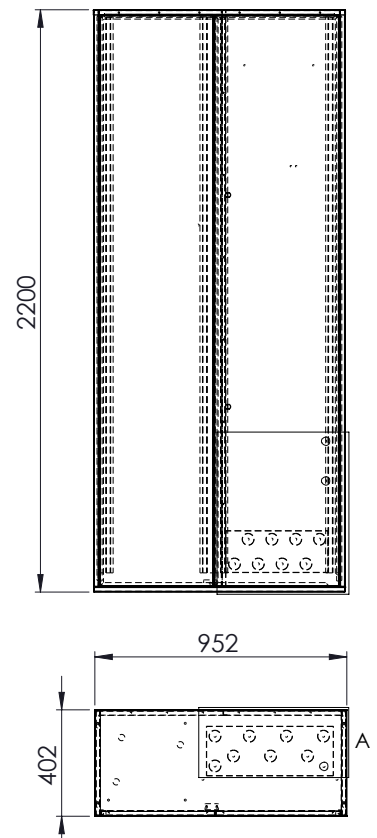


Apartments

BUILT-IN TECHNICAL CABINET FEATURES

MODEL	BUILT-IN TECHNICAL CABINET
Installed touch panel*	7-inch display
Direct circulation group	N.1 with circulator
Mixed circulation group	N.1 with circulator and mixing valve
Buffer tank	134.5 L + magnesium anode (DHW)
Technical water buffer tank	25 L
3-way valve	N.1
Safety valve	2,5 bar - DHW
Magnetic dirt separator	N.1
Taps	drain / drain
Mini ball valve	fill / drain
Thermostatic valve	anti-scalding
Air vent valve	manual
Air vent valve	automatic
Expansion vessels	N. 1 - 6 litres / N. 1 DHW 8 L
Electric heaters	Optional for domestic hot water or heating system
Dimensions	402 P x 952 L x 2200 H

*can be installed externally upon request at the time of order







Enter the Templari world

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