



Templari

HEAT PUMPS

Technology
Made in Italy



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



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)



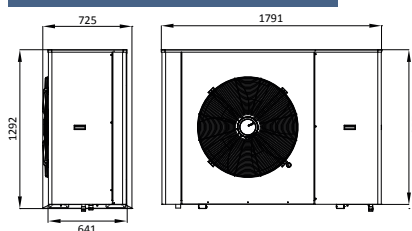
KITA AIR - KITA AIR COLD



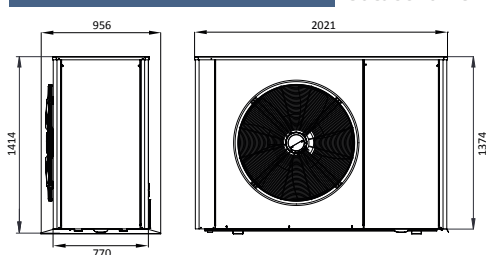
KITA AIR PLUS

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

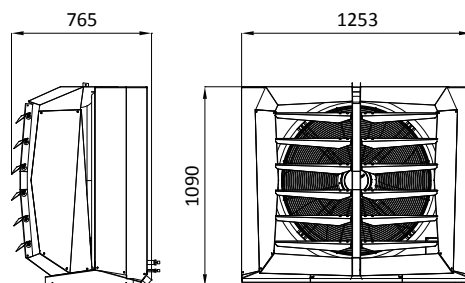


SPLIT VERSION



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

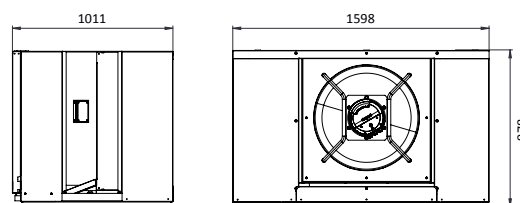


DUCTED VERSION



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 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





Enter the Templari world

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