AIR-TO-AIR HEAT PUMP · R32

KITA AIR - KITA AIR COLD

Air-to-air heat pump for the air conditioning of industrial spaces



COM.SCH015AB-00 REV.0 - 28/10/2026

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Performance data and energy class

Heating performance data according to EN14511	Air R32	Air Cold R32
A7/A20		
Thermal output [kW]	39.00	40.00
COP [-]	4.45	4.36
Electrical power input [kW]	8.76	9.17
Power modulation [kW]	17.54 - 39.00	21.05 - 40.00
A2/A20		
Thermal output [kW]	35.00	35.00
COP [-]	3.75	4
Electrical power input [kW]	9.3	8.75
Power modulation [kW]	17.52 - 35.00	20.87 - 35.00
A-7/A20		
Thermal output [kW]	32.00	35.00
COP [-]	3.2	3.1
Electrical power input [kW]	10	11.3
Power modulation [kW]	16.68 - 32.00	19.72 - 35.00

Heating performance data according to EN14825 (average climate)	Air R32	Air Cold R32
Rated heat output Prated [kW]	36.17	39.57
Seasonal energy efficiency ηs [%]	203	198.6
Seasonal coefficient of performance (SCOP)	5.15	5.04

Energy class according to EU regulation 2281/2016	Air R32	Air Cold R32
Heating, average climate	A+++	A+++

Cooling performance data according to EN14511	Air R32	Air Cold R32
A35/A27		
Thermal output [kW]	35.00	37.00
EER [-]	4.02	4.20
Electrical power input [kW]	8.71	8.81
Power modulation [kW]	21.66 - 35.00	27.97 - 37.00

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Technical data

Operating limits	Air R32	Air Cold R32
Outdoor air temperature in heating mode [°C]	-25 / -28	-25 / -28
Indoor air temperature in heating mode [°C]	10 / 28	10 / 28
Outdoor air temperature in summer cooling mode [°C]	5 / 45	5 / 45
Indoor air temperature in summer cooling mode [°C]	16 / 35	16 / 35

Sound power	Air R32	Air Cold R32
Indoor sound power ErP [dB(A)]	59.6	59.6
Outdoor sound power ErP [dB(A)]	60.2	60.2
Outdoor sound pressure (distance 5 m) [dB(A)]	38	38

Outdoor fan	Air R32	Air Cold R32
Fan type	Inverter BLDC - axial	
Nominal air flow [m³/h]	17,203	17,203
Maximum speed [rpm]	640	640

Split indoor unit	Air R32	Air Cold R32
Fan type	Inverter BLDC - axial	
Maximum speed [rpm]	770	770
Nominal air flow [m³/h]	14,000	14,000
Minimum air flow [m³/h]	5,800	5,800
Effective throw [m]	25	25

Ducted indoor unit	Air R32	Air Cold R32
Fan type	Inverter BLDC - axial	
Maximum speed [rpm]	1,000	1,000
Nominal air flow [m³/h]	11,000	11,000
Nominal air flow with filter [m³/h]	9,300	9,300
Available static pressure [Pa]	230	230
Available static pressure with filter [Pa]	180	180

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Floor-standing indoor unit and electrical data

Floor-standing indoor unit	Maximum speed	Reduced speed
Effective throw [m]	30	–
Sound pressure at 3 m, front [dB(A)]	65	51
Sound pressure at 3 m, side [dB(A)]	58	50
Air flow with 8 standard filters [m³/h]	9,000	4,600
Discharge outlet [mm]	880 x 220	880 x 220
Standard filters (washable)	4 G2 + 4 G4	4 G2 + 4 G4

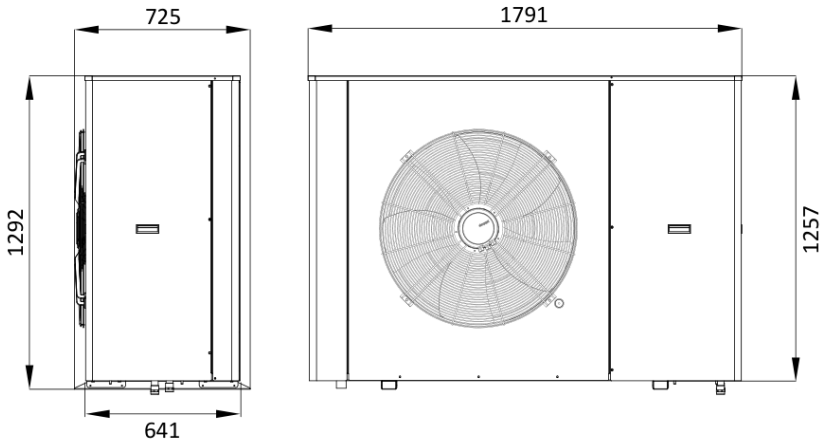
Electrical data	Air R32	Air Cold R32
Power supply (V/Ph/Hz)	400/3/50	400/3/50
Electrical input [kW]	14.2	16
Inverter	30 A	38 A
Circuit breaker (MCB)	4x25 A	4x32 A
Residual current device	idn 30 [mA]	idn 30 [mA]
Cable cross-section in mm2 (up to 5 m length)	5G4	5G6

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Dimensions

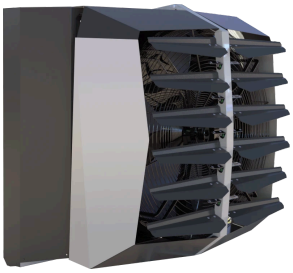
Outdoor unit

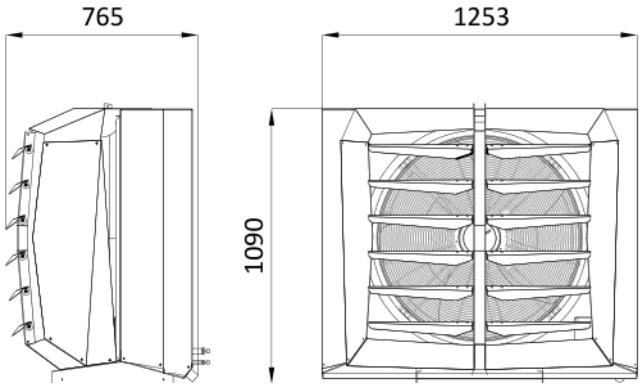




Outdoor unit dimensions (HxWxD) [mm]	1257 x 1791 x 641
Weight [kg]	285

Split indoor unit





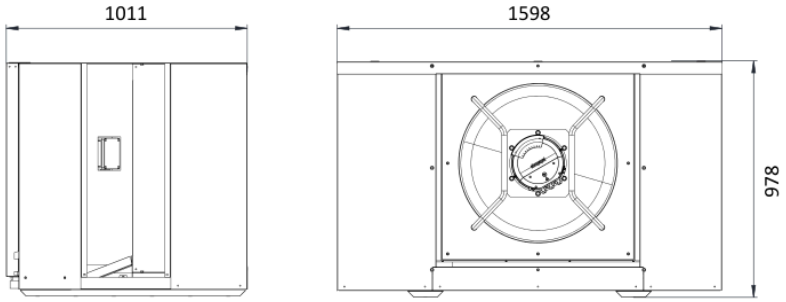
Indoor unit dimensions (HxWxD) [mm]	1090 x 1253 x 765
Weight [kg]	100

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Dimensions

Ducted indoor unit

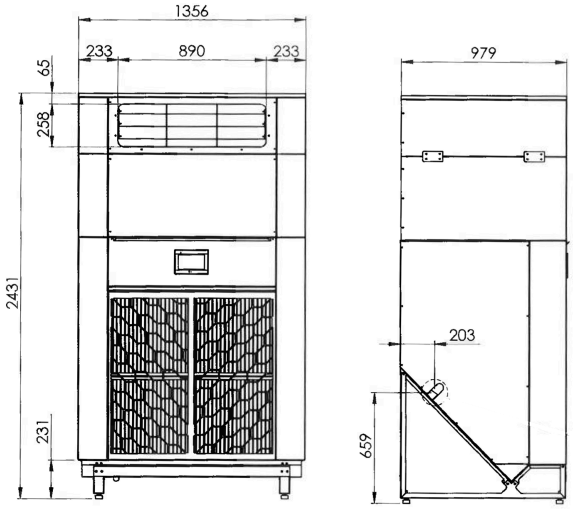




Indoor unit dimensions (HxWxD) [mm]	978 x 1598 x 1011
Weight [kg]	208

Floor-standing indoor unit





Indoor unit dimensions (HxWxD) [mm]	2470 x 1420 x 1000
Weight [kg]	250