AIR-TO-AIR HEAT PUMP · R32

KITA AIR PLUS

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



COM.SCH017AB-00 REV.0 - 28/10/2026

AIR PLUS R32

Performance data and energy class

Heating performance data according to EN14511	Air Plus R32
A7/A20	
Thermal output [kW]	47.00
COP [-]	4.2
Electrical power input [kW]	11.19
Power modulation [kW]	23.14 - 47.00
A2/A20	
Thermal output [kW]	45.00
COP [-]	3.84
Electrical power input [kW]	11.7
Power modulation [kW]	22.96 - 45.00
A-7/A20	
Thermal output [kW]	42.00
COP [-]	3.04
Electrical power input [kW]	13.8
Power modulation [kW]	21.70 - 42.00

Heating performance data according to EN14825 (average climate)	Air Plus R32
Rated heat output Prated [kW]	47.48
Seasonal energy efficiency ηs [%]	204
Seasonal coefficient of performance (SCOP)	5.17

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

Cooling performance data according to EN14511	Air Plus R32
A35/A27	
Thermal output [kW]	47.00
EER [-]	3.88
Electrical power input [kW]	12.11
Power modulation [kW]	27.88 - 47.00

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Technical data

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

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

Outdoor fan	Air Plus R32
Fan type	Inverter BLDC - axial
Nominal air flow [m³/h]	18,040
Maximum speed [rpm]	640

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

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

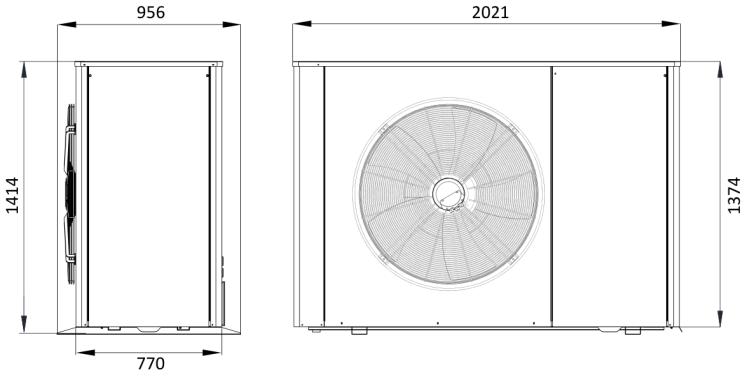
Electrical data	Air Plus R32
Power supply (V/Ph/Hz)	400/3/50
Electrical input [kW]	18
Inverter	45 A
Circuit breaker (MCB)	4x32 A
Residual current device	idn 30 [mA]
Cable cross-section in mm2 (up to 5 m length)	5G4

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Dimensions

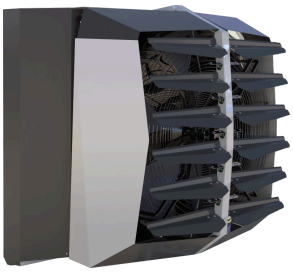
Outdoor unit

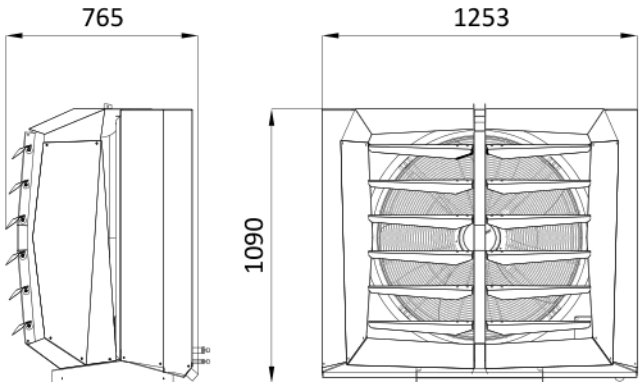




Outdoor unit dimensions (HxWxD) [mm]	1414 x 2021 x 956
Weight [kg]	370

Split indoor unit





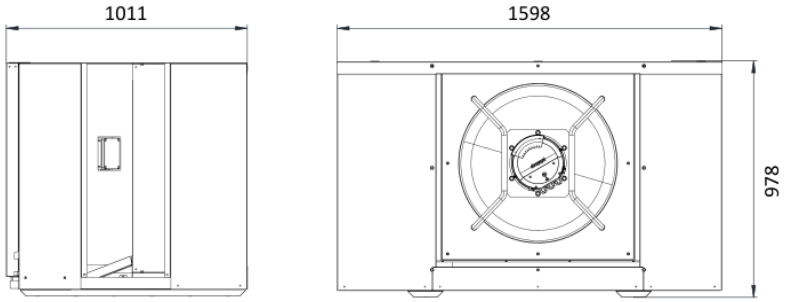
Indoor unit dimensions (HxWxD) [mm]	1090 x 1253 x 765
Weight [kg]	100

AIR PLUS R32

Dimensions

Ducted indoor unit

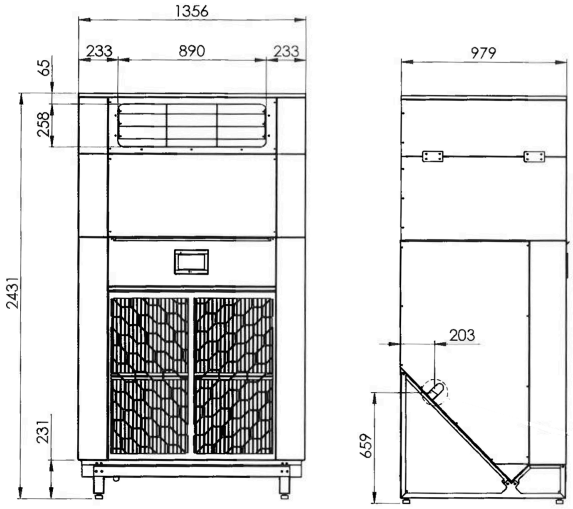




Indoor unit dimensions (HxWxD) [mm]	978 x 1598 x 1011
Weight [kg]	208

Floor-standing indoor unit





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