TECHNICAL SPECIFICATIONS

AIR-TO-AIR HEAT PUMP · R32

KITA AIR PREMIUM

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



COM.SCH016AB-00 REV.0 - 28/10/2026

AIR PREMIUM R32

Performance data and energy class

Heating performance data according to EN14511	Air Premium R32
A7/A20	
Thermal output [kW]	42.72
COP [-]	4.40
Electrical power input [kW]	8.76
Power modulation [kW]	17.54 - 42.72
A2/A20	
Thermal output [kW]	39.09
COP [-]	4.24
Electrical power input [kW]	9.3
Power modulation [kW]	17.52 - 39.09
A-7/A20	
Thermal output [kW]	30.83
COP [-]	3.48
Electrical power input [kW]	10
Power modulation [kW]	16.68 - 30.83

Heating performance data according to EN14825 (average climate)	Air Premium R32
Rated heat output Prated [kW]	34.85
Seasonal energy efficiency ηs [%]	190.6
Seasonal coefficient of performance (SCOP)	4.84

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

Cooling performance data according to EN14511	Air Premium R32
A35/A27	
Thermal output [kW]	42.00
EER [-]	4.03
Electrical power input [kW]	8.71
Power modulation [kW]	21.66 - 42.00

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Technical data

Operating limits	Air Premium 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 Premium 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 Premium R32
Fan type	Inverter BLDC - axial
Nominal air flow [m³/h]	18,040
Maximum speed [rpm]	640

Split indoor unit	Air Premium 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 Premium 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 Premium R32
Power supply (V/Ph/Hz)	400/3/50
Electrical input [kW]	14.2
Inverter	30 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

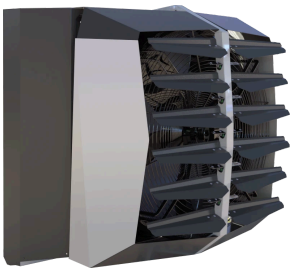


a da pavimento	Velocità massima	Velocità ridotta
[m]	30	–
onora a 3 m frontale [dB(A)]	65	51
onora a 3 m laterale [dB(A)]	58	50
ıria con 8 filtri di serie [m³/h]	9.000	4.600
andata [mm]	880 x 220	880 x 220
(lavabili)	4 G2 + 4 G4	4 G2 + 4 G4

	Air Premium R32
ne elettrica (V/Ph/Hz)	400/3/50
ıto elettrico [kW]	14.2

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 PREMIUM R32

Dimensions

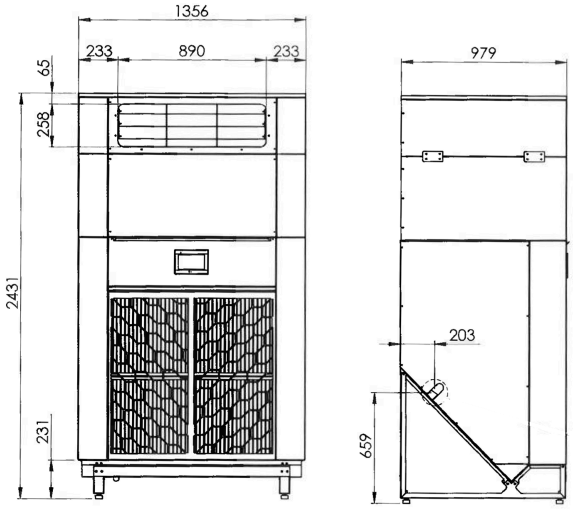
Ducted indoor unit



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