TECHNICAL SPECIFICATIONS

AIR-TO-WATER HEAT PUMP · R290

KITA LP PLUS

High-efficiency reversible air-to-water heat pump



COM.SCH022AB-00 REV.0 - 28/10/2026

KITA LP PLUS 35 · LP PLUS 40

Heating performance data

Full load performance calculated according to UNI EN 14511	LP Plus 35	LP Plus 40
A7/W35		
Heating capacity [kW]	35.00	40.00
COP [-]	4.92	4.72
Power input [kW]	7.11	8.47
Power regulation [kW]	10.78 - 35.00	10.78 - 40.00
A2/W35		
Heating capacity [kW]	30.65	35.35
COP [-]	4.28	4.07
Power input [kW]	7.16	8.69
Power regulation [kW]	11.25 - 30.65	11.25 - 35.35
A-7/W35		
Heating capacity [kW]	25.60	29.34
COP [-]	3.19	3.04
Power input [kW]	8.03	9.65
Power regulation [kW]	11.33 - 25.60	11.33 - 29.34
A7/W55		
Heating capacity [kW]	33.62	37.50
COP [-]	3.30	3.12
Power input [kW]	10.19	12.02
Power regulation [kW]	9.71 - 33.62	9.71 - 37.50
A2/W55		
Heating capacity [kW]	28.76	33.18
COP [-]	2.92	2.78
Power input [kW]	9.85	11.94
Power regulation [kW]	10.43 - 28.76	10.43 - 33.18
A-7/W55		
Heating capacity [kW]	24.12	28.04
COP [-]	2.22	2.23
Power input [kW]	10.86	12.57
Power regulation [kW]	10.78 - 24.12	10.78 - 28.04

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Performance data and energy class

Heating performance data according to EN14825 (average climate)	LP Plus 35	LP Plus 40
Low-temperature applications (W35)		
Nominal heating capacity [kW]	29.00	33.25
Seasonal Energy Efficiency ηs [%]	225.3	219.1
Seasonal Coefficient of Performance (SCOP)	5.71	5.55
Medium Temperature Applications (W55)		
Nominal heating capacity [kW]	27.73	31.69
Seasonal Energy Efficiency ηs [%]	163.8	162.4
Seasonal Coefficient of Performance (SCOP)	4.17	4.14

Energy Efficiency Class according to EU Regulation 813/2013 (Heating, Average Climate)	LP Plus 35	LP Plus 40
Low-temperature applications (W35)	A+++	A+++
Medium Temperature Applications (W55)	A+++	A+++

Cooling Capacity Data according to EN14511	LP Plus 35	LP Plus 40
A35/W7		
Cooling capacity [kW]	27.83	31.38
EER [-]	3.22	2.95
Power input [kW]	8.64	10.64
Power regulation [kW]	7.59 - 27.83	7.59 - 27.83
A35/W18		
Cooling capacity [kW]	38.08	38.08
EER [-]	4.30	4.30
Power input [kW]	8.86	8.86
Power regulation [kW]	10.89 - 38.08	10.89 - 38.08

KITA LP PLUS 35 · LP PLUS 40

Technical data

Operating range	LP Plus 35	LP Plus 40
Outdoor Air Temperature [°C]	-22 / 46	-22 / 46
Heating Water Flow Temperature [°C]	10 / 65	10 / 65
Cooling Water Flow Temperature [°C]	5 / 25	5 / 25

Sound power	LP Plus 35	LP Plus 40
Outdoor Sound Power Level ErP [dB(A)]	50.10	50.10
Maximum Outdoor Sound Power Level [dB(A)]	66.20	67.60

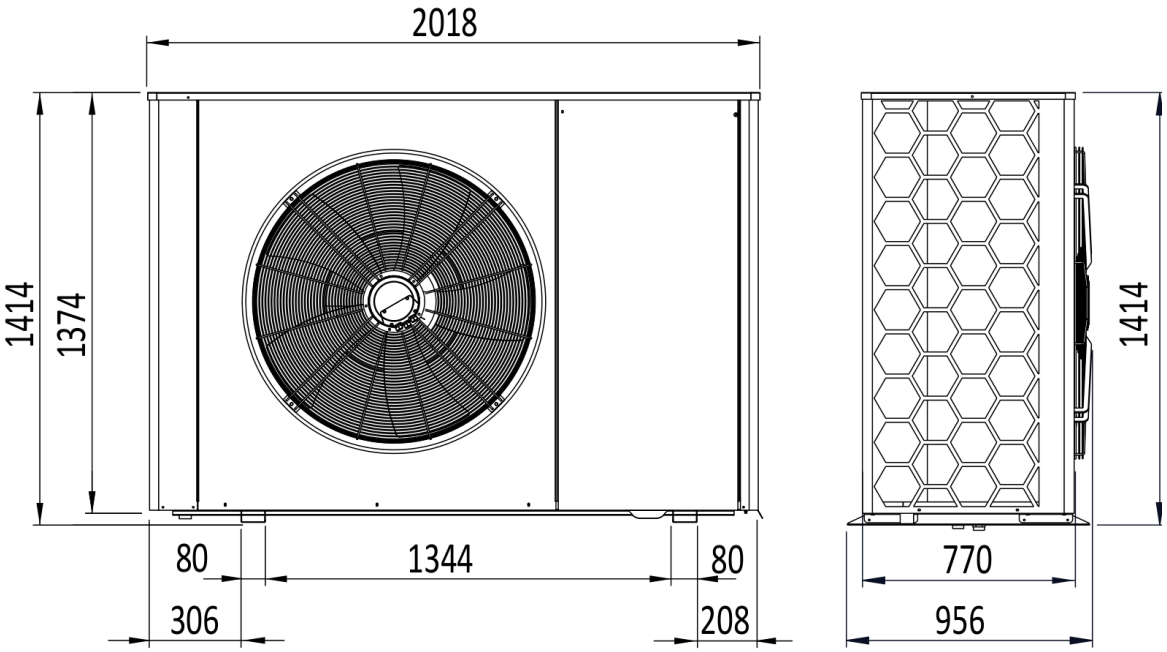
Outdoor Fan	LP Plus 35	LP Plus 40
Nominal Air Flow Rate [m³/h]	16,489	17,978
Maximum Speed [rpm]	640	640

Water circuit	LP Plus 35	LP Plus 40
Nominal water flow rate A7/W35 ΔT=5K [l/min]	100.00	115.00
Maximum Pressure [bar]	2.5	2.5

KITA LP PLUS 35 · LP PLUS 40

Dimensions

Dimensions with brackets



Dimensions and weight	LP Plus 35	LP Plus 40
Dimensions (HxWxD) [mm]	1414 x 2018 x 956	1414 x 2018 x 956
Weight [kg]	320	320