AIR-TO-WATER HEAT PUMP · R32

KITA LR

High-efficiency reversible air-to-water heat pump



COM.SCH023AB-00 REV.0 - 28/10/2026

KITA LR 35 · LR 35 COLD

Heating performance data

Full load performance calculated according to UNI EN 14511	LR 35	LR 35 Cold
A7/W35		
Heating capacity [kW]	34.80	35.42
COP [-]	4.50	4.62
Power input [kW]	7.73	7.67
Power regulation [kW]	17.90 - 34.80	21.59 - 35.42
A2/W35		
Heating capacity [kW]	33.17	36.34
COP [-]	3.94	3.93
Power input [kW]	8.42	9.25
Power regulation [kW]	18.59 - 33.17	22.17 - 36.34
A-7/W35		
Heating capacity [kW]	28.76	33.11
COP [-]	3.17	3.10
Power input [kW]	9.07	10.68
Power regulation [kW]	18.59 - 28.76	21.95 - 33.11
A7/W55		
Heating capacity [kW]	34.84	34.81
COP [-]	3.04	3.12
Power input [kW]	11.46	11.16
Power regulation [kW]	17.02 - 34.84	21.35 - 34.81
A2/W55		
Heating capacity [kW]	32.80	35.51
COP [-]	2.71	3.12
Power input [kW]	12.10	11.38
Power regulation [kW]	17.02 - 32.80	22.11 - 35.51
A-7/W55		
Heating capacity [kW]	27.38	31.68
COP [-]	2.23	2.21
Power input [kW]	12.28	14.33
Power regulation [kW]	18.53 - 27.38	22.37 - 31.68

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Performance data and energy class

Heating performance data according to EN14825 (average climate)	LR 35	LR 35 Cold
Low-temperature applications (W35)		
Nominal heating capacity [kW]	32.59	38.25
Seasonal Energy Efficiency ηs [%]	198.1	189.5
Seasonal Coefficient of Performance (SCOP)	5.03	4.81
Medium Temperature Applications (W55)		
Nominal heating capacity [kW]	31.03	36.66
Seasonal Energy Efficiency ηs [%]	148.8	148.3
Seasonal Coefficient of Performance (SCOP)	3.79	3.78

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

Cooling Capacity Data according to EN14511	LR 35	LR 35 Cold
A35/W7		
Cooling capacity [kW]	30.60	30.09
EER [-]	3.12	3.39
Power input [kW]	9.81	8.88
Power regulation [kW]	9.86 - 30.60	14.67 - 30.09
A35/W18		
Cooling capacity [kW]	32.00	32.00
EER [-]	4.70	5.03
Power input [kW]	6.81	6.36
Power regulation [kW]	13.93 - 32.00	20.01 - 32.00

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Technical data

Operating range	LR 35	LR 35 Cold
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	LR 35	LR 35 Cold
Outdoor Sound Power Level ErP [dB(A)]	61.00	61.00
Maximum Outdoor Sound Power Level [dB(A)]	65.95	65.95

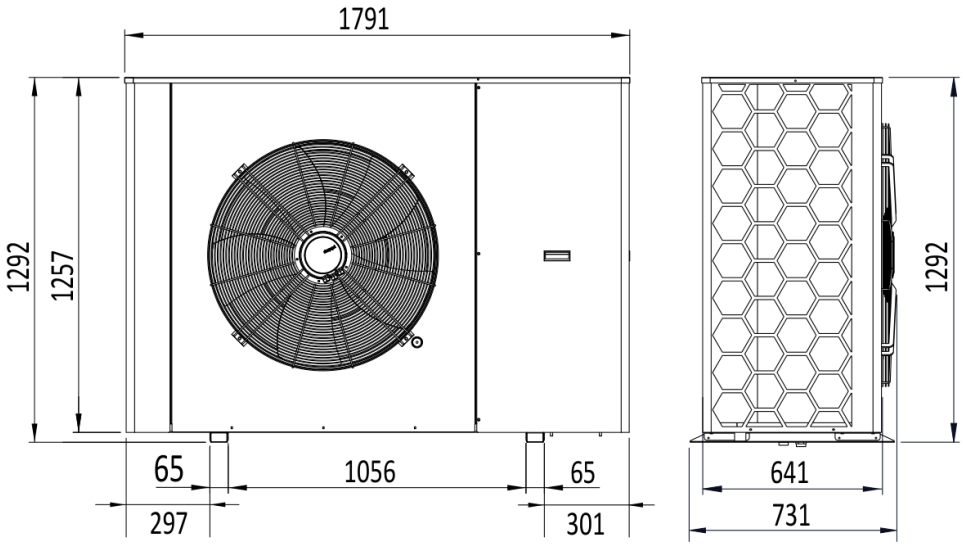
Outdoor Fan	LR 35	LR 35 Cold
Nominal Air Flow Rate [m³/h]	17,203	17,203
Maximum Speed [rpm]	640	640

Water circuit	LR 35	LR 35 Cold
Nominal water flow rate A7/W35 ΔT=5K [l/min]	100.00	100.00
Maximum Pressure [bar]	2.5	2.5

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Dimensions

LR 35 - LR 35 Cold



Dimensions and weight	LR 35	LR 35 Cold
Dimensions (HxWxD) [mm]	1257 x 1791 x 641	1257 x 1791 x 641
Weight [kg]	280	280