Templari

TECHNICAL SPECIFICATIONS

AIR-TO-WATER HEAT PUMP · R32

KITA LR PLUS

High-efficiency reversible air-to-water heat pump



COM.SCH024AB-00 REV.0 - 28/10/2026

KITA LR PLUS 45

Heating performance data

Full load performance calculated according to UNI EN 14511	LR Plus 45
A7/W35	
Heating capacity [kW]	48.67
COP [-]	4.58
Power input [kW]	10.63
Power regulation [kW]	21.52 - 48.67
A2/W35	
Heating capacity [kW]	45.59
COP [-]	4.01
Power input [kW]	11.37
Power regulation [kW]	22.17 - 45.59
A-7/W35	
Heating capacity [kW]	41.95
COP [-]	3.37
Power input [kW]	12.45
Power regulation [kW]	21.95 - 41.95
A7/W55	
Heating capacity [kW]	44.97
COP [-]	2.75
Power input [kW]	16.35
Power regulation [kW]	21.29 - 44.97
A2/W55	
Heating capacity [kW]	42.55
COP [-]	2.43
Power input [kW]	17.51
Power regulation [kW]	22.11 - 42.55
A-7/W55	
Heating capacity [kW]	39.20
COP [-]	2.04
Power input [kW]	19.22
Power regulation [kW]	22.37 - 39.20

KITA LR PLUS 45

Performance data and energy class

Heating performance data according to EN14825 (average climate)	LR Plus 45
Low-temperature applications (W35)	
Nominal heating capacity [kW]	47.26
Seasonal Energy Efficiency ηs [%]	195.0
Seasonal Coefficient of Performance (SCOP)	4.95
Medium Temperature Applications (W55)	
Nominal heating capacity [kW]	44.10
Seasonal Energy Efficiency ηs [%]	148.8
Seasonal Coefficient of Performance (SCOP)	3.79

Energy Efficiency Class according to EU Regulation 813/2013 (Heating, Average Climate)	LR Plus 45
Low-temperature applications (W35)	A+++
Medium Temperature Applications (W55)	A+++

Cooling Capacity Data according to EN14511	LR Plus 45
A35/W7	
Cooling capacity [kW]	38.00
EER [-]	2.47
Power input [kW]	15.38
Power regulation [kW]	18.26 - 38.00
A35/W18	
Cooling capacity [kW]	39.00
EER [-]	4.12
Power input [kW]	9.47
Power regulation [kW]	25.05 - 39.00

KITA LR PLUS 45

Technical data

Operating range	LR Plus 45
Outdoor Air Temperature [°C]	-22 / 46
Heating Water Flow Temperature [°C]	10 / 65
Cooling Water Flow Temperature [°C]	5 / 25

Sound power	LR Plus 45
Outdoor Sound Power Level ErP [dB(A)]	61.00
Maximum Outdoor Sound Power Level [dB(A)]	66.10

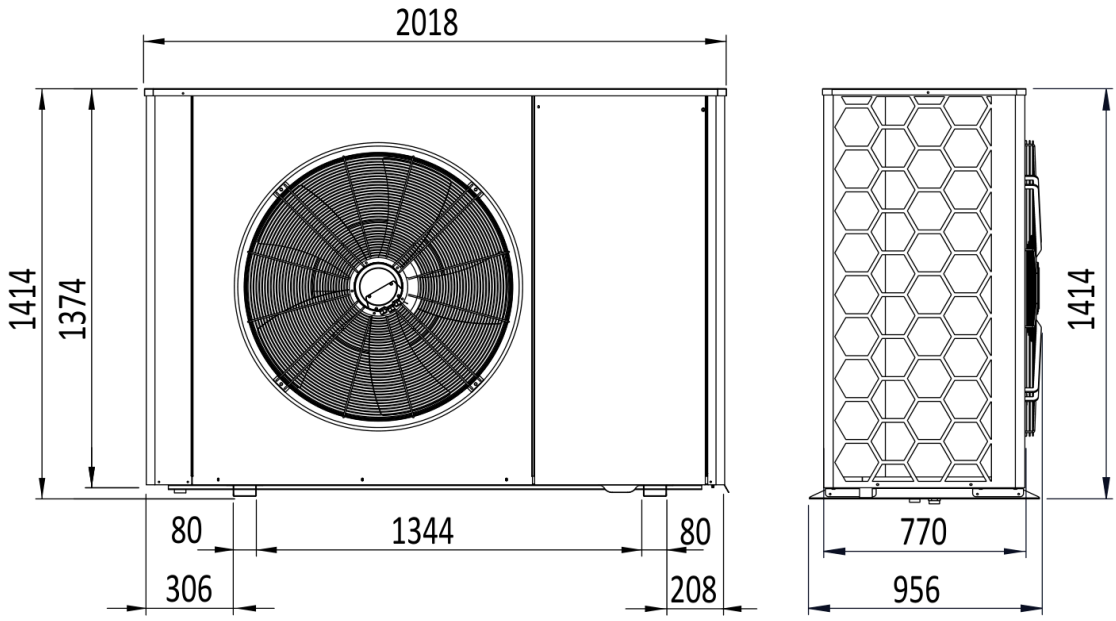
Outdoor Fan	LR Plus 45
Nominal Air Flow Rate [m³/h]	18,040
Maximum Speed [rpm]	640

Water circuit	LR Plus 45
Nominal water flow rate A7/W35 ΔT=5K [l/min]	129.00
Maximum Pressure [bar]	2.5

KITA LR PLUS 45

Dimensions

Dimensions with brackets



Dimensions and weight	LR Plus 45
Dimensions (HxWxD) [mm]	1414 x 2018 x 956
Weight [kg]	320