KITA

Air-to-water heat pumps

Complete KITA range

COM.SCH014AB-00 REV.0 - 28/10/2026

AIR-TO-WATER HEAT PUMP · R290

KITA XS 7.5 - KITA XS 9

High-efficiency reversible air-to-water heat pump



KITA XS 7.5 · XS 9

Heating performance data

Full load performance calculated according to UNI EN 14511	XS 7.5	XS 9
A7/W35		
Heating capacity [kW]	7.50	9.00
COP [-]	4.66	4.23
Power input [kW]	1.61	2.13
Power regulation [kW]	2.00 - 7.50	2.32 - 9.00
A2/W35		
Heating capacity [kW]	6.47	7.76
COP [-]	4.31	3.74
Power input [kW]	1.50	2.07
Power regulation [kW]	2.20 - 6.47	2.59 - 7.76
A-7/W35		
Heating capacity [kW]	5.32	6.43
COP [-]	3.26	2.88
Power input [kW]	1.63	2.23
Power regulation [kW]	2.34 - 5.32	2.79 - 6.43
A7/W55		
Heating capacity [kW]	6.63	8.13
COP [-]	3.15	2.89
Power input [kW]	2.10	2.81
Power regulation [kW]	1.59 - 6.63	1.94 - 8.13
A2/W55		
Heating capacity [kW]	5.88	7.18
COP [-]	2.96	2.64
Power input [kW]	1.99	2.72
Power regulation [kW]	1.83 - 5.88	2.26 - 7.18
A-7/W55		
Heating capacity [kW]	4.84	6.12
COP [-]	2.32	2.12
Power input [kW]	2.09	2.89
Power regulation [kW]	2.03 - 4.84	2.54 - 6.12

KITA XS 7.5 · XS 9

Performance data and energy class

Heating performance data according to EN14825 (average climate)	XS 7.5	XS 9
Low-temperature applications (W35)		
Nominal heating capacity [kW]	5.56	7.30
Seasonal Energy Efficiency ηs [%]	217.3	200.0
Seasonal Coefficient of Performance (SCOP)	5.51	5.07
Medium Temperature Applications (W55)		
Nominal heating capacity [kW]	6.04	6.94
Seasonal Energy Efficiency ηs [%]	169.3	158.2
Seasonal Coefficient of Performance (SCOP)	4.31	4.03

Energy Efficiency Class according to EU Regulation 813/2013 (Heating, Average Climate)	XS 7.5	XS 9
Low-temperature applications (W35)	A+++	A+++
Medium Temperature Applications (W55)	A+++	A+++

Cooling Capacity Data according to EN14511	XS 7.5	XS 9
A35/W7		
Cooling capacity [kW]	6.00	7.00
EER [-]	3.15	2.79
Power input [kW]	1.90	2.51
Power regulation [kW]	1.41 - 6.00	1.71 - 7.00
A35/W18		
Cooling capacity [kW]	6.45	6.65
EER [-]	4.78	4.71
Power input [kW]	1.35	1.41
Power regulation [kW]	2.03 - 6.45	2.45 - 6.65

KITA XS 7.5 · XS 9

Technical data

Operating range	XS 7.5	XS 9
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	XS 7.5	XS 9
Outdoor Sound Power Level ErP [dB(A)]	53.00	53.00
Maximum Outdoor Sound Power Level [dB(A)]	62.75	62.75

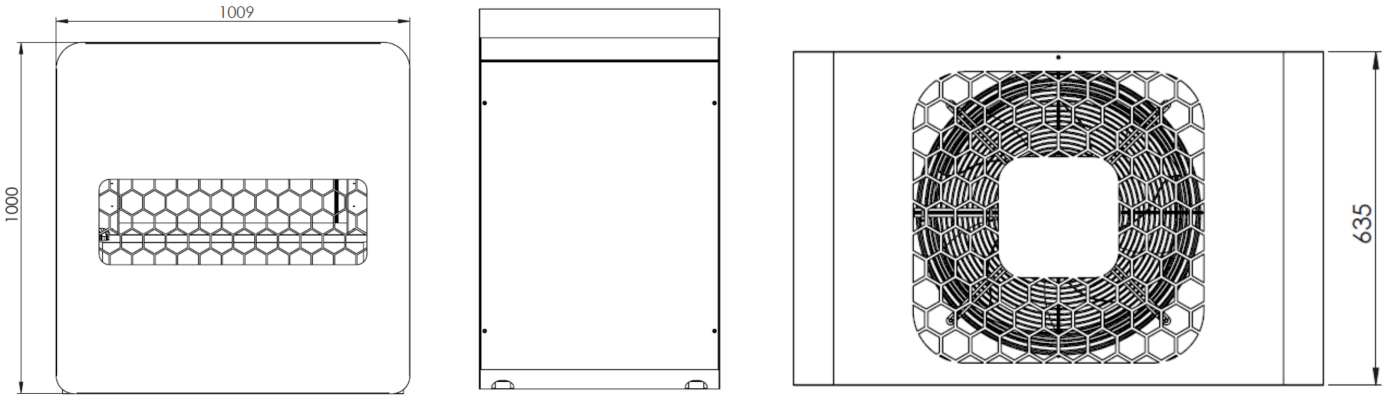
Outdoor Fan	XS 7.5	XS 9
Nominal Air Flow Rate [m³/h]	3,557	3,396
Maximum Speed [rpm]	960	960

Water circuit	XS 7.5	XS 9
Nominal water flow rate A7/W35 ΔT=5K [l/min]	21.50	25.80
Maximum Pressure [bar]	2.5	2.5

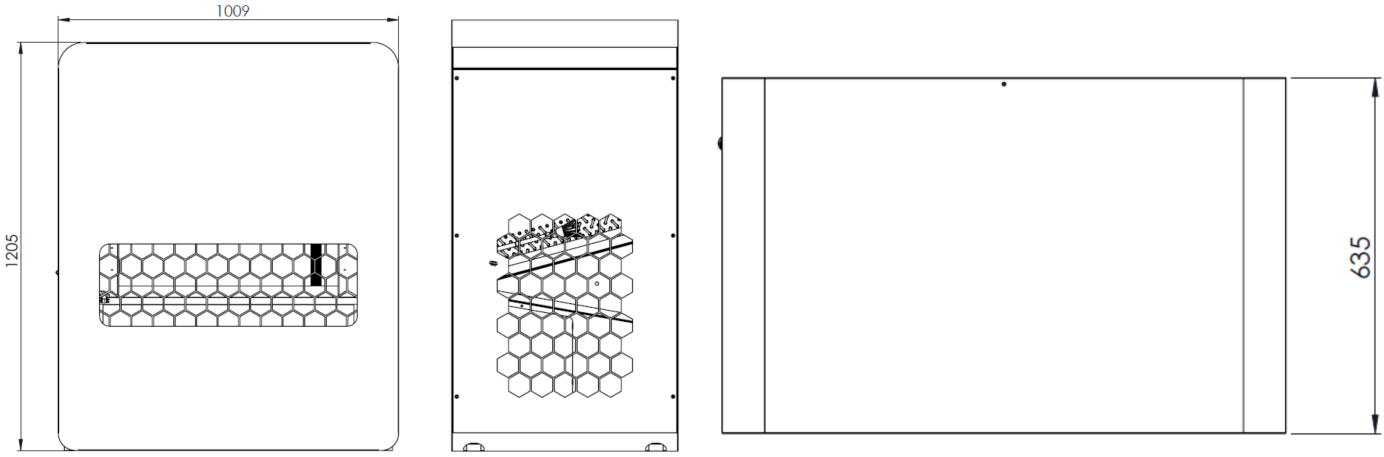
KITA XS 7.5 · XS 9

Dimensions

Low version



High version



Dimensions and weight	XS 7.5	XS 9
Dimensions (HxWxD) [mm] (low version)	1000 x 1009 x 635	1000 x 1009 x 635
Dimensions (HxWxD) [mm] (high version)	1205 x 1009 x 635	1205 x 1009 x 635
Weight [kg]	155	160

AIR-TO-WATER HEAT PUMP · R290

KITA SP

High-efficiency reversible air-to-water heat pump



KITA SP-8 · SP-10 · SP-12

Heating performance data

Full load performance calculated according to UNI EN 14511	SP-8	SP-10	SP-12
A7/W35			
Heating capacity [kW]	8.00	10.00	12.10
COP [-]	5.78	5.44	4.99
Power input [kW]	1.38	1.84	2.42
Power regulation [kW]	4.20 - 8.00	4.20 - 10.00	4.20 - 12.10
A2/W35			
Heating capacity [kW]	7.01	8.81	11.53
COP [-]	4.92	4.72	4.23
Power input [kW]	1.42	1.87	2.73
Power regulation [kW]	4.62 - 7.01	4.62 - 8.81	4.62 - 11.53
A-7/W35			
Heating capacity [kW]	5.76	7.36	10.94
COP [-]	3.72	3.52	3.02
Power input [kW]	1.55	2.09	3.62
Power regulation [kW]	4.95 - 5.76	4.95 - 7.36	4.95 - 10.94
A7/W55			
Heating capacity [kW]	7.12	9.13	10.93
COP [-]	3.70	3.53	3.23
Power input [kW]	1.92	2.59	3.38
Power regulation [kW]	3.65 - 7.12	3.65 - 9.13	3.65 - 10.93
A2/W55			
Heating capacity [kW]	6.29	8.08	10.47
COP [-]	3.32	3.17	2.80
Power input [kW]	1.89	2.55	3.74
Power regulation [kW]	4.14 - 6.29	4.14 - 8.08	4.14 - 10.47
A-7/W55			
Heating capacity [kW]	5.23	6.87	10.09
COP [-]	2.54	2.42	2.06
Power input [kW]	2.06	2.84	4.90
Power regulation [kW]	4.53 - 5.23	4.53 - 6.87	4.54 - 10.09

KITA SP-8 · SP-10 · SP-12

Performance data and energy class

Heating performance data according to EN14825 (average climate)	SP-8	SP-10	SP-12
Low-temperature applications (W35)			
Nominal heating capacity [kW]	6.53	8.34	12.41
Seasonal Energy Efficiency ηs [%]	221.5	226.8	214.6
Seasonal Coefficient of Performance (SCOP)	5.61	5.75	5.44
Medium Temperature Applications (W55)			
Nominal heating capacity [kW]	6.02	7.75	11.59
Seasonal Energy Efficiency ηs [%]	160.7	165.1	158.9
Seasonal Coefficient of Performance (SCOP)	4.09	4.20	4.05

Energy Efficiency Class according to EU Regulation 813/2013 (Heating, Average Climate)	SP-8	SP-10	SP-12
Low-temperature applications (W35)	A+++	A+++	A+++
Medium Temperature Applications (W55)	A+++	A+++	A+++

Cooling Capacity Data according to EN14511	SP-8	SP-10	SP-12
A35/W7			
Cooling capacity [kW]	6.40	8.22	10.00
EER [-]	3.86	3.62	3.36
Power input [kW]	1.66	2.27	2.98
Power regulation [kW]	3.14 - 6.40	3.14 - 8.22	3.14 - 10.00
A35/W18			
Cooling capacity [kW]	9.36	10.00	10.00
EER [-]	5.57	5.43	5.43
Power input [kW]	1.68	1.84	1.84
Power regulation [kW]	4.65 - 9.36	4.65 - 10.00	4.65 - 10.00

KITA SP-8 · SP-10 · SP-12

Technical data

Operating range	SP-8	SP-10	SP-12
Outdoor Air Temperature [°C]	-22 / 46	-22 / 46	-22 / 46
Heating Water Flow Temperature [°C]	10 / 65	10 / 65	10 / 65
Cooling Water Flow Temperature [°C]	5 / 25	5 / 25	5 / 25

Sound power	SP-8	SP-10	SP-12
Outdoor Sound Power Level ErP [dB(A)]	50.00	50.00	50.00
Maximum Outdoor Sound Power Level [dB(A)]	58.68	58.68	58.68

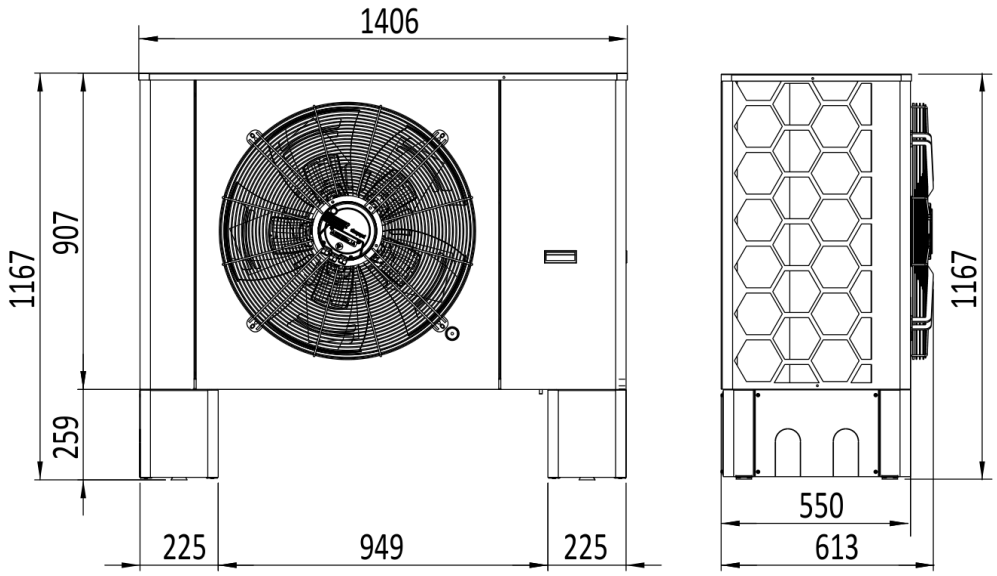
Outdoor Fan	SP-8	SP-10	SP-12
Nominal Air Flow Rate [m³/h]	7,050	7,817	10,137
Maximum Speed [rpm]	710	710	710

Water circuit	SP-8	SP-10	SP-12
Nominal water flow rate A7/W35 ΔT=5K [l/min]	23.00	29.00	34.00
Maximum Pressure [bar]	2.5	2.5	2.5

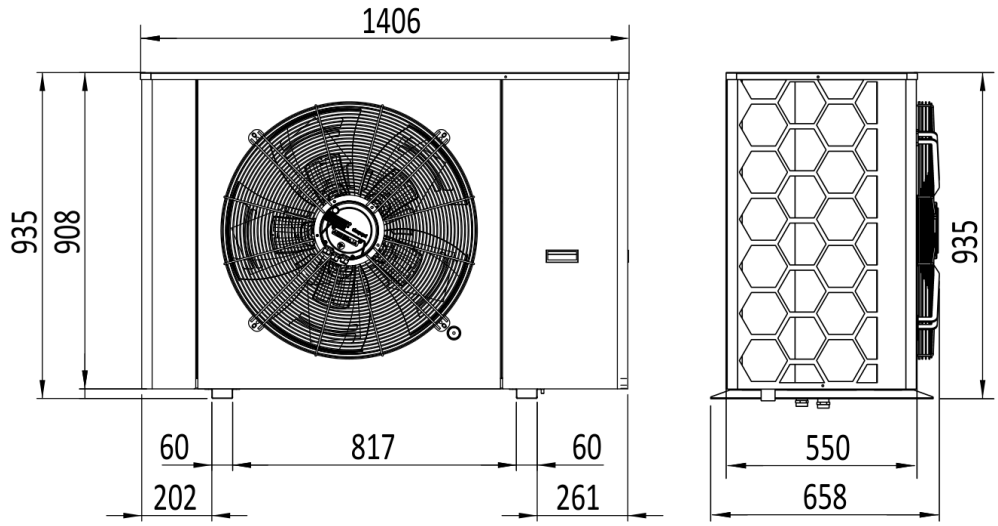
KITA SP-8 · SP-10 · SP-12

Dimensions

Dimensions with legs



Dimensions with brackets



Dimensions and weight	SP-8	SP-10	SP-12
Dimensions (HxWxD) [mm] (with legs)	1167 x 1406 x 550	1167 x 1406 x 550	1167 x 1406 x 550
Dimensions (HxWxD) [mm] (with brackets)	908 x 1406 x 550	908 x 1406 x 550	908 x 1406 x 550
Weight [kg]	180	180	180

AIR-TO-WATER HEAT PUMP · R290

KITA MP

High-efficiency reversible air-to-water heat pump



KITA MP-14 · MP-16 · MP-18 · MP-20

Heating performance data

Full load performance calculated according to UNI EN 14511	MP-14	MP-16	MP-18	MP-20
A7/W35				
Heating capacity [kW]	14.00	15.04	18.04	20.00
COP [-]	4.92	4.75	5.09	4.90
Power input [kW]	2.85	3.17	3.54	4.08
Power regulation [kW]	4.22 - 14.00	4.22 - 15.04	5.86 - 18.04	5.87 - 20.00
A2/W35				
Heating capacity [kW]	12.31	13.58	15.91	18.42
COP [-]	4.26	4.16	4.46	4.27
Power input [kW]	2.89	3.26	3.57	4.31
Power regulation [kW]	4.66 - 12.31	4.66 - 13.58	6.49 - 15.91	6.52 - 18.42
A-7/W35				
Heating capacity [kW]	10.31	11.36	13.24	16.38
COP [-]	3.18	2.95	3.31	3.16
Power input [kW]	3.24	3.85	4.00	5.18
Power regulation [kW]	5.02 - 10.31	5.03 - 11.36	6.99 - 13.24	7.02 - 16.38
A7/W55				
Heating capacity [kW]	12.64	13.87	16.72	18.49
COP [-]	3.16	3.00	3.38	3.26
Power input [kW]	4.00	4.62	4.95	5.67
Power regulation [kW]	3.68 - 12.64	3.68 - 13.87	5.56 - 16.72	5.17 - 18.49
A2/W55				
Heating capacity [kW]	11.15	12.29	14.84	17.15
COP [-]	2.80	2.70	3.01	2.87
Power input [kW]	3.98	4.55	4.93	5.98
Power regulation [kW]	4.18 - 11.15	4.18 - 12.29	6.26 - 14.84	5.97 - 17.15
A-7/W55				
Heating capacity [kW]	9.56	10.45	12.54	15.47
COP [-]	2.10	2.11	2.28	2.15
Power input [kW]	4.55	4.95	5.50	7.20
Power regulation [kW]	4.59 - 9.56	4.59 - 10.45	6.82 - 12.54	6.64 - 15.47

KITA MP-14 · MP-16 · MP-18 · MP-20

Performance data and energy class

Heating performance data according to EN14825 (average climate)	MP-14	MP-16	MP-18	MP-20
Low-temperature applications (W35)				
Nominal heating capacity [kW]	11.80	12.67	15.00	18.56
Seasonal Energy Efficiency ηs [%]	204.7	202.1	212.3	206.9
Seasonal Coefficient of Performance (SCOP)	5.19	5.13	5.38	5.25
Medium Temperature Applications (W55)				
Nominal heating capacity [kW]	10.95	10.72	14.32	17.65
Seasonal Energy Efficiency ηs [%]	147.5	147.4	164.1	161.6
Seasonal Coefficient of Performance (SCOP)	3.76	3.76	4.18	4.12

Energy Efficiency Class according to EU Regulation 813/2013 (Heating, Average Climate)	MP-14	MP-16	MP-18	MP-20
Low-temperature applications (W35)	A+++	A+++	A+++	A+++
Medium Temperature Applications (W55)	A+++	A+++	A+++	A+++

Cooling Capacity Data according to EN14511	MP-14	MP-16	MP-18	MP-20
A35/W7				
Cooling capacity [kW]	12.00	12.00	12.00	12.00
EER [-]	3.11	3.11	3.38	3.38
Power input [kW]	3.86	3.86	3.55	3.55
Power regulation [kW]	3.18 - 12.00	3.18 - 12.00	3.55 - 12.00	3.55 - 12.00
A35/W18				
Cooling capacity [kW]	12.00	12.00	12.00	12.00
EER [-]	5.61	5.61	5.41	5.41
Power input [kW]	2.14	2.14	2.22	2.22
Power regulation [kW]	4.74 - 12.00	4.75 - 12.00	5.21 - 12.00	5.21 - 12.00

KITA MP-14 · MP-16 · MP-18 · MP-20

Technical data

Operating range	MP-14	MP-16	MP-18	MP-20
Outdoor Air Temperature [°C]	-22 / 46	-22 / 46	-22 / 46	-22 / 46
Heating Water Flow Temperature [°C]	10 / 65	10 / 65	10 / 65	10 / 65
Cooling Water Flow Temperature [°C]	5 / 25	5 / 25	5 / 25	5 / 25

Sound power	MP-14	MP-16	MP-18	MP-20
Outdoor Sound Power Level ErP [dB(A)]	50.00	50.00	51.00	51.00
Maximum Outdoor Sound Power Level [dB(A)]	58.68	58.68	63.05	63.05

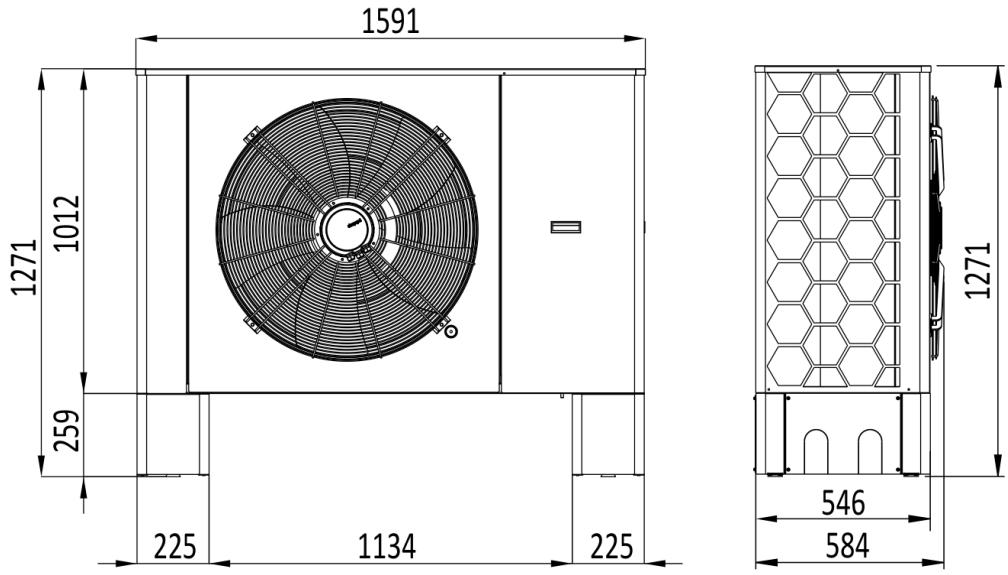
Outdoor Fan	MP-14	MP-16	MP-18	MP-20
Nominal Air Flow Rate [m³/h]	10,135	10,653	11,298	12,620
Maximum Speed [rpm]	600	600	735	735

Water circuit	MP-14	MP-16	MP-18	MP-20
Nominal water flow rate A7/W35 ΔT=5K [l/min]	40.00	46.00	52.00	57.00
Maximum Pressure [bar]	2.5	2.5	2.5	2.5

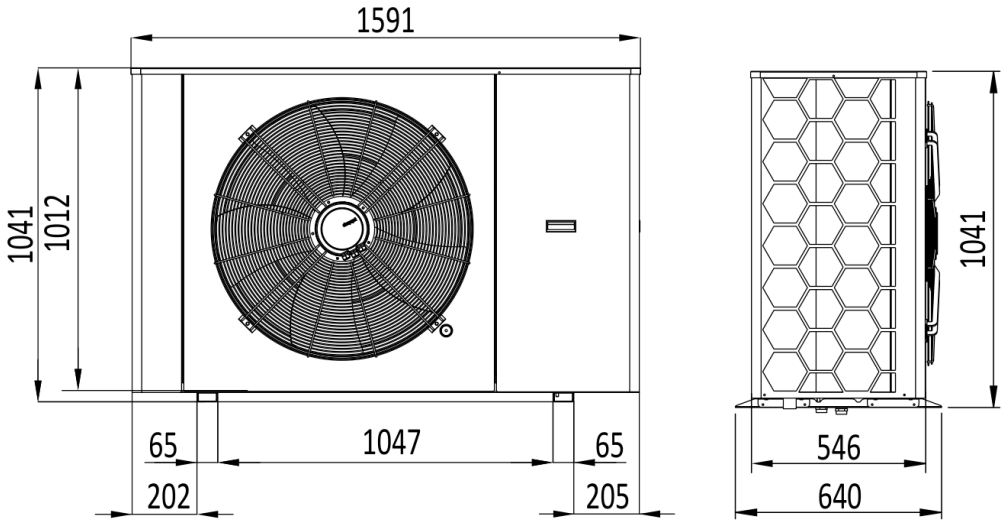
KITA MP-14 · MP-16 · MP-18 · MP-20

Dimensions

Dimensions with legs



Dimensions with brackets



Dimensions and weight	MP-14	MP-16	MP-18	MP-20
Dimensions (HxWxD) [mm] (with legs)	1271x1591x546	1271x1591x546	1271x1591x546	1271x1591x546
Dimensions (HxWxD) [mm] (with brackets)	1012x1591x546	1012x1591x546	1012x1591x546	1012x1591x546
Weight [kg]	220	220	220	220

AIR-TO-WATER HEAT PUMP · R290

KITA LP

High-efficiency reversible air-to-water heat pump



KITA LP-22 · LP-26 · LP-28 · LP-32 · LP-35

Heating performance data

Full load performance calculated according to UNI EN 14511	LP-22	LP-26	LP-28	LP-32	LP-35
A7/W35					
Heating capacity [kW]	22.00	26.18	28.11	32.22	35.00
COP [-]	4.52	5.08	4.97	4.78	4.65
Power input [kW]	4.87	5.15	5.66	6.74	7.53
Power regulation [kW]	5.69 - 22.00	9.23 - 26.18	9.23 - 28.11	9.30 - 32.22	9.30 - 35.00
A2/W35					
Heating capacity [kW]	20.20	23.12	24.82	28.58	31.14
COP [-]	4.09	4.44	4.37	4.19	4.1
Power input [kW]	4.94	5.21	5.68	6.82	7.60
Power regulation [kW]	5.95 - 20.20	9.65 - 23.12	9.65 - 24.82	9.74 - 28.58	9.73 - 31.14
A-7/W35					
Heating capacity [kW]	16.10	19.44	20.89	24.06	26.27
COP [-]	3.08	3.35	3.29	3.14	3.09
Power input [kW]	5.23	5.80	6.35	7.66	8.50
Power regulation [kW]	6.11 - 16.10	9.84 - 19.44	9.85 - 20.89	10.00 - 24.06	10.00 - 26.27
A7/W55					
Heating capacity [kW]	20.97	24.73	26.59	30.38	33.13
COP [-]	3.01	3.41	3.34	3.19	3.07
Power input [kW]	6.97	7.25	7.96	9.52	10.79
Power regulation [kW]	4.97 - 20.97	8.14 - 24.73	8.14 - 26.59	8.20 - 30.38	8.20 - 33.13
A2/W55					
Heating capacity [kW]	18.63	21.94	23.60	27.07	29.51
COP [-]	2.75	3.02	2.96	2.82	2.73
Power input [kW]	6.77	7.26	7.97	9.60	10.81
Power regulation [kW]	5.43 - 18.63	8.76 - 21.94	8.76 - 23.60	8.83 - 27.07	8.83 - 29.51
A-7/W55					
Heating capacity [kW]	14.95	18.61	20.03	23.10	25.24
COP [-]	2.11	2.29	2.23	2.14	2.08
Power input [kW]	7.09	8.13	8.98	10.79	12.13
Power regulation [kW]	5.72 - 14.95	9.23 - 18.61	9.23 - 20.03	9.33 - 23.10	9.33 - 25.24

KITA LP-22 · LP-26 · LP-28 · LP-32 · LP-35

Performance data and energy class

Heating performance data according to EN14825 (average climate)	LP-22	LP-26	LP-28	LP-32	LP-35
Low-temperature applications (W35)					
Nominal heating capacity [kW]	18.32	22.02	23.67	21.26	29.75
Seasonal Energy Efficiency ηs [%]	203.8	217.0	215.6	205.8	204.9
Seasonal Coefficient of Performance (SCOP)	5.18	5.51	5.46	5.22	5.20
Medium Temperature Applications (W55)					
Nominal heating capacity [kW]	17.10	21.17	22.80	26.28	28.70
Seasonal Energy Efficiency ηs [%]	154.4	162.9	162.3	157.0	158.1
Seasonal Coefficient of Performance (SCOP)	3.94	4.15	4.14	4.00	4.03

Energy Efficiency Class according to EU Regulation 813/2013 (Heating, Average Climate)	LP-22	LP-26	LP-28	LP-32	LP-35
Low-temperature applications (W35)	A+++	A+++	A+++	A+++	A+++
Medium Temperature Applications (W55)	A+++	A+++	A+++	A+++	A+++

Cooling Capacity Data according to EN14511	LP-22	LP-26	LP-28	LP-32	LP-35
A35/W7					
Cooling capacity [kW]	17.14	21.40	22.91	23.86	23.86
EER [-]	3.00	3.36	3.24	3.15	3.15
Power input [kW]	5.71	6.37	7.07	7.57	7.57
Power regulation [kW]	5.06 - 17.14	7.22 - 21.40	7.22 - 22.91	7.29 - 23.86	7.29 - 23.86
A35/W18					
Cooling capacity [kW]	19.94	23.00	23.00	23.00	23.00
EER [-]	4.54	5.34	5.34	5.34	5.34
Power input [kW]	4.39	4.31	4.31	4.31	4.31
Power regulation [kW]	8.14 - 19.94	10.57 - 23.00	10.57 - 23.00	10.57 - 23.00	10.57 - 23.00

KITA LP-22 · LP-26 · LP-28 · LP-32 · LP-35

Technical data

Operating range	LP-22	LP-26	LP-28	LP-32	LP-35
Outdoor Air Temperature [°C]	-22 / 46	-22 / 46	-22 / 46	-22 / 46	-22 / 46
Heating Water Flow Temperature [°C]	10 / 65	10 / 65	10 / 65	10 / 65	10 / 65
Cooling Water Flow Temperature [°C]	5 / 25	5 / 25	5 / 25	5 / 25	5 / 25

Sound power	LP-22	LP-26	LP-28	LP-32	LP-35
Outdoor Sound Power Level ErP [dB(A)]	50.00	50.00	50.00	50.00	50.00
Maximum Outdoor Sound Power Level [dB(A)]	64.60	64.60	67.10	69.10	70.30

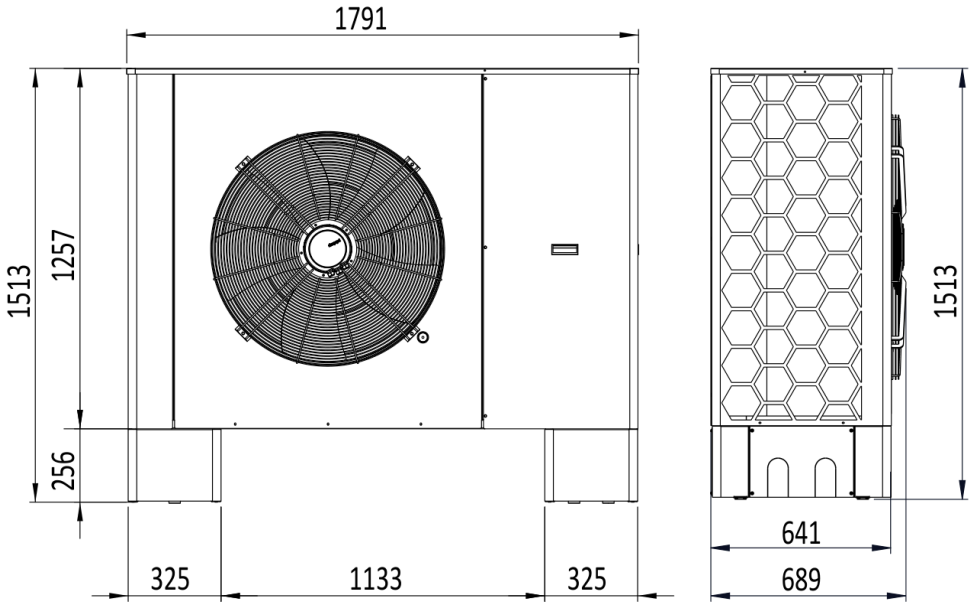
Outdoor Fan	LP-22	LP-26	LP-28	LP-32	LP-35
Nominal Air Flow Rate [m³/h]	13,363	11,532	15,204	16,261	16,963
Maximum Speed [rpm]	735	735	735	640	640

Water circuit	LP-22	LP-26	LP-28	LP-32	LP-35
Nominal water flow rate A7/W35 ΔT=5K [l/min]	63.00	75.00	80.00	92.00	100.00
Maximum Pressure [bar]	2.5	2.5	2.5	2.5	2.5

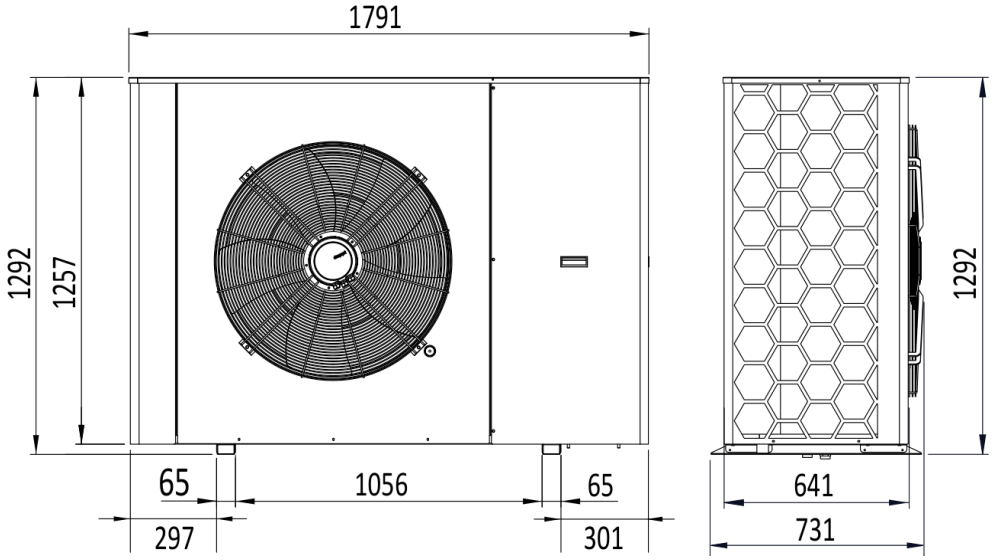
KITA LP-22 · LP-26 · LP-28 · LP-32 · LP-35

Dimensions

Dimensions with legs



Dimensions with brackets



Dimensions and weight	LP-22	LP-26	LP-28	LP-32	LP-35
Dimensions (HxWxD) [mm] (with legs)	1513x1791x641	1513x1791x641	1513x1791x641	1513x1791x641	1513x1791x641
Dimensions (HxWxD) [mm] (with brackets)	1257x1791x641	1257x1791x641	1257x1791x641	1257x1791x641	1257x1791x641
Weight [kg]	280	280	280	280	280

AIR-TO-WATER HEAT PUMP · R290

KITA LP PLUS

High-efficiency reversible air-to-water heat pump



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

KITA LP PLUS 35 · LP PLUS 40

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

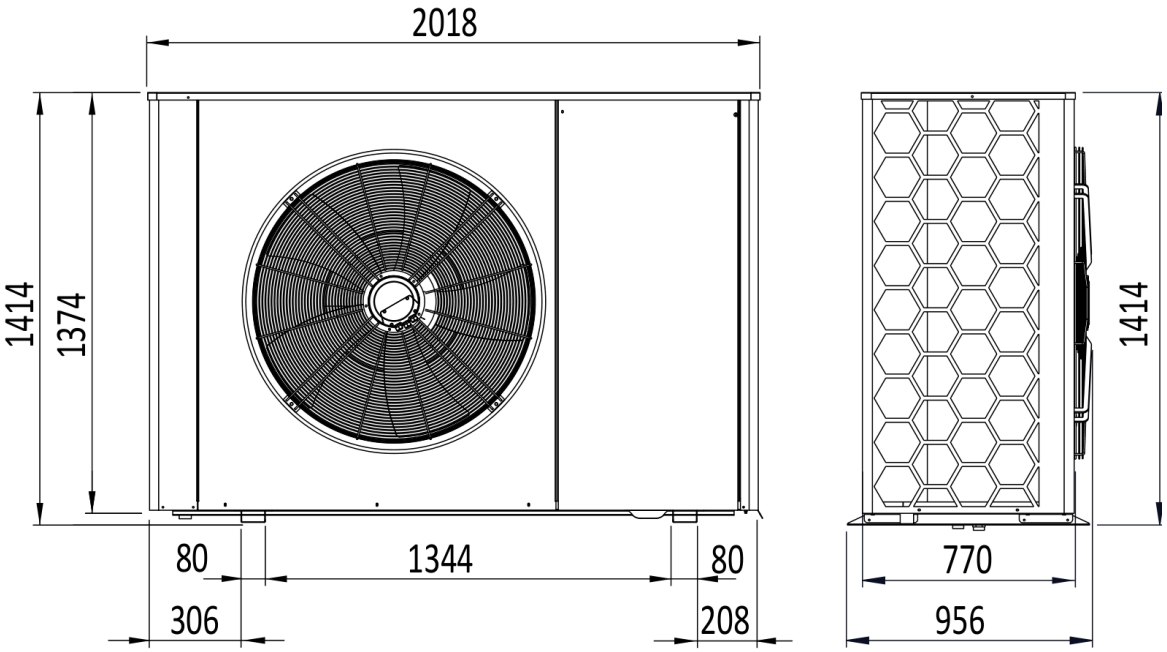
Outdoor Fan	LP Plus 35	LP Plus 40
Nominal Air Flow Rate [m³/h]	16,489	17,978
Maximum Speed [rpm]	640	640

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

AIR-TO-WATER HEAT PUMP · R32

KITA LR – LR PLUS

High-efficiency reversible air-to-water heat pump



KITA LR 35 · LR 35 COLD · LR PLUS 45

Heating performance data

Full load performance calculated according to UNI EN 14511	LR 35	LR 35 Cold	LR Plus 45
A7/W35			
Heating capacity [kW]	34.80	35.42	48.67
COP [-]	4.50	4.62	4.58
Power input [kW]	7.73	7.67	10.63
Power regulation [kW]	17.90 - 34.80	21.59 - 35.42	21.52 - 48.67
A2/W35			
Heating capacity [kW]	33.17	36.34	45.59
COP [-]	3.94	3.93	4.01
Power input [kW]	8.42	9.25	11.37
Power regulation [kW]	18.59 - 33.17	22.17 - 36.34	22.17 - 45.59
A-7/W35			
Heating capacity [kW]	28.76	33.11	41.95
COP [-]	3.17	3.10	3.37
Power input [kW]	9.07	10.68	12.45
Power regulation [kW]	18.59 - 28.76	21.95 - 33.11	21.95 - 41.95
A7/W55			
Heating capacity [kW]	34.84	34.81	44.97
COP [-]	3.04	3.12	2.75
Power input [kW]	11.46	11.16	16.35
Power regulation [kW]	17.02 - 34.84	21.35 - 34.81	21.29 - 44.97
A2/W55			
Heating capacity [kW]	32.80	35.51	42.55
COP [-]	2.71	3.12	2.43
Power input [kW]	12.10	11.38	17.51
Power regulation [kW]	17.02 - 32.80	22.11 - 35.51	22.11 - 42.55
A-7/W55			
Heating capacity [kW]	27.38	31.68	39.20
COP [-]	2.23	2.21	2.04
Power input [kW]	12.28	14.33	19.22
Power regulation [kW]	18.53 - 27.38	22.37 - 31.68	22.37 - 39.20

KITA LR 35 · LR 35 COLD · LR PLUS 45

Performance data and energy class

Heating performance data according to EN14825 (average climate)	LR 35	LR 35 Cold	LR Plus 45
Low-temperature applications (W35)			
Nominal heating capacity [kW]	32.59	38.25	47.26
Seasonal Energy Efficiency ηs [%]	198.1	189.5	195.0
Seasonal Coefficient of Performance (SCOP)	5.03	4.81	4.95
Medium Temperature Applications (W55)			
Nominal heating capacity [kW]	31.03	36.66	44.10
Seasonal Energy Efficiency ηs [%]	148.8	148.3	148.8
Seasonal Coefficient of Performance (SCOP)	3.79	3.78	3.79

Energy Efficiency Class according to EU Regulation 813/2013 (Heating, Average Climate)	LR 35	LR 35 Cold	LR Plus 45
Low-temperature applications (W35)	A+++	A+++	A+++
Medium Temperature Applications (W55)	A+++	A+++	A+++

Cooling Capacity Data according to EN14511	LR 35	LR 35 Cold	LR Plus 45
A35/W7			
Cooling capacity [kW]	30.60	30.09	38.00
EER [-]	3.12	3.39	2.47
Power input [kW]	9.81	8.88	15.38
Power regulation [kW]	9.86 - 30.60	14.67 - 30.09	18.26 - 38.00
A35/W18			
Cooling capacity [kW]	32.00	32.00	39.00
EER [-]	4.70	5.03	4.12
Power input [kW]	6.81	6.36	9.47
Power regulation [kW]	13.93 - 32.00	20.01 - 32.00	25.05 - 39.00

KITA LR 35 · LR 35 COLD · LR PLUS 45

Technical data

Operating range	LR 35	LR 35 Cold	LR Plus 45
Outdoor Air Temperature [°C]	-22 / 46	-22 / 46	-22 / 46
Heating Water Flow Temperature [°C]	10 / 65	10 / 65	10 / 65
Cooling Water Flow Temperature [°C]	5 / 25	5 / 25	5 / 25

Sound power	LR 35	LR 35 Cold	LR Plus 45
Outdoor Sound Power Level ErP [dB(A)]	61.00	61.00	61.00
Maximum Outdoor Sound Power Level [dB(A)]	65.95	65.95	66.10

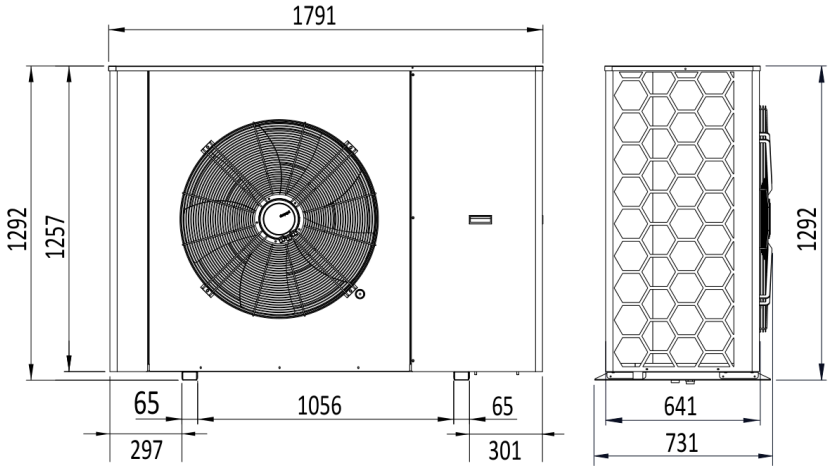
Outdoor Fan	LR 35	LR 35 Cold	LR Plus 45
Nominal Air Flow Rate [m³/h]	17,203	17,203	18,040
Maximum Speed [rpm]	640	640	640

Water circuit	LR 35	LR 35 Cold	LR Plus 45
Nominal water flow rate A7/W35 ΔT=5K [l/min]	100.00	100.00	129.00
Maximum Pressure [bar]	2.5	2.5	2.5

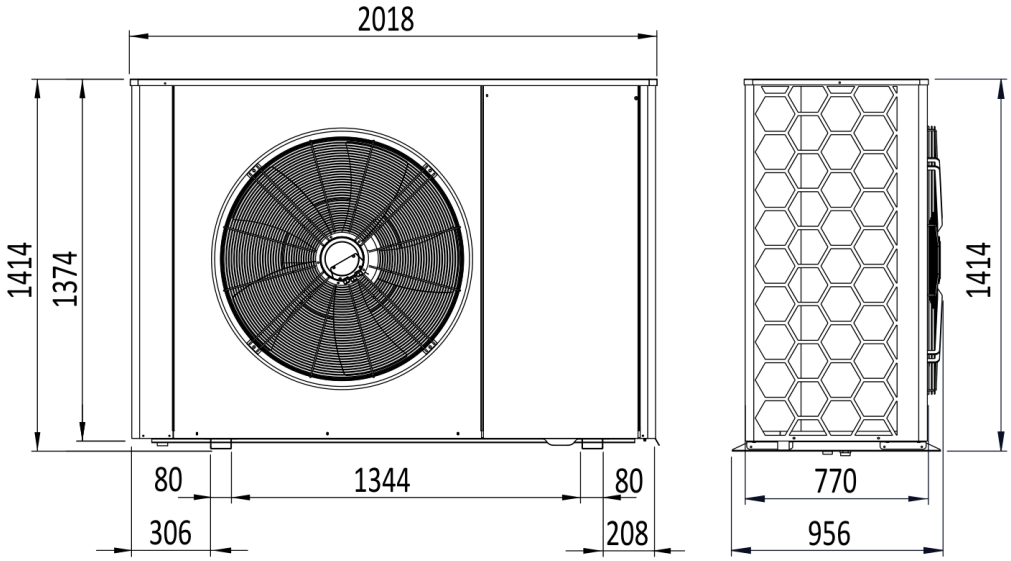
KITA LR 35 · LR 35 COLD · LR PLUS 45

Dimensions

LR 35 - LR 35 Cold



LR Plus 45



Dimensions and weight	LR 35	LR 35 Cold	LR Plus 45
Dimensions (HxWxD) [mm]	1257 x 1791 x 641	1257 x 1791 x 641	1414 x 2018 x 956
Weight [kg]	280	280	320

AIR-TO-WATER HEAT PUMP · R32

KITA LR PLUS

High-efficiency reversible air-to-water heat pump



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

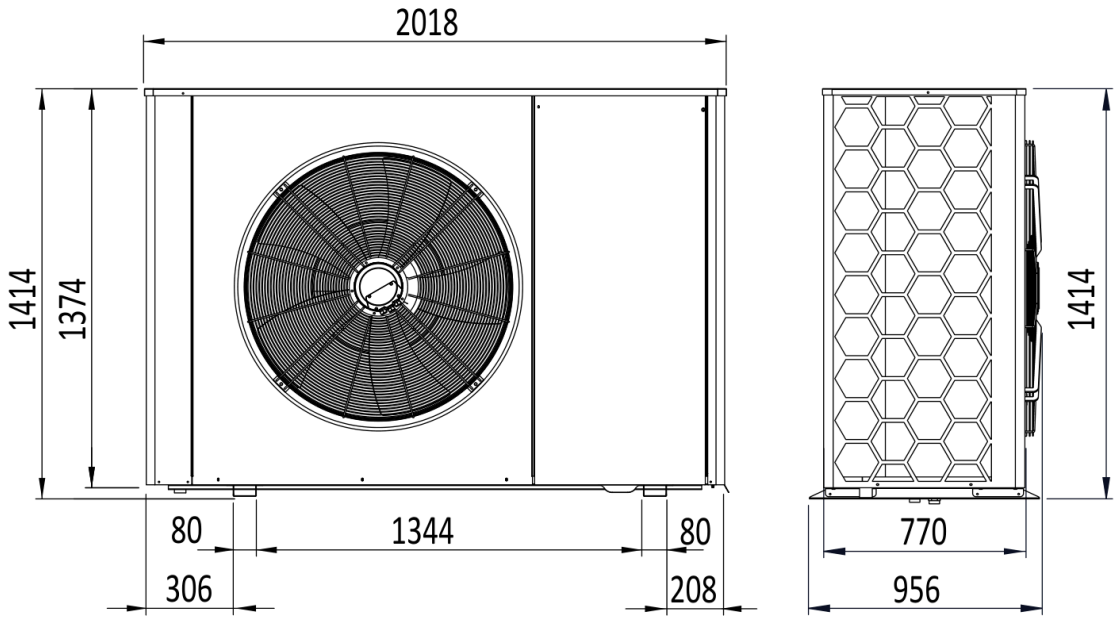
Outdoor Fan	LR Plus 45
Nominal Air Flow Rate [m³/h]	18,040
Maximum Speed [rpm]	640

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