AIR-TO-WATER HEAT PUMP · R290

KITA LP

High-efficiency reversible air-to-water heat pump



COM.SCH021AB-00 REV.0 - 28/10/2026

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

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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

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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

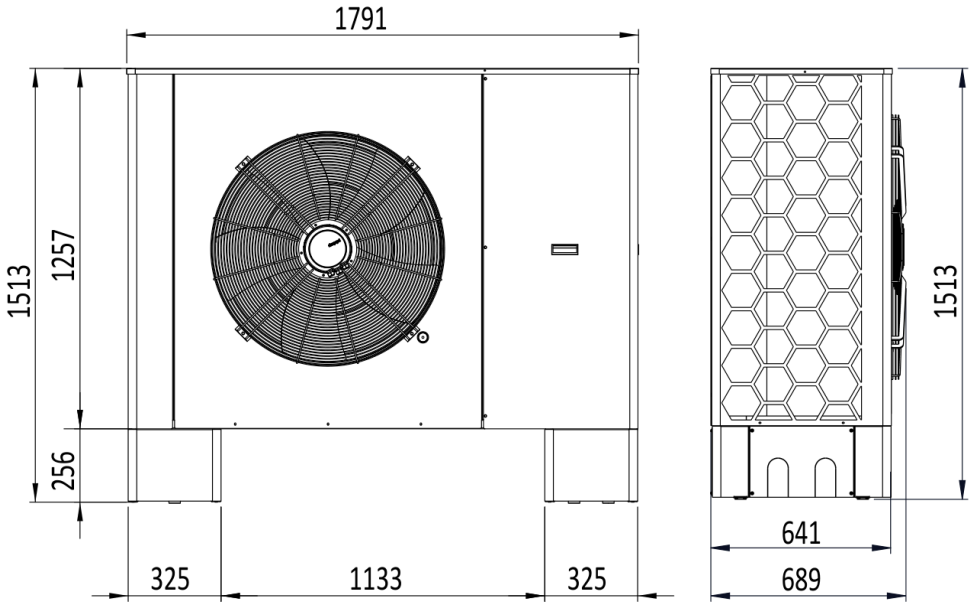
Outdoor Fan	LP-22	LP-26	LP-28	LP-32	LP-35
Nominal Air Flow Rate [m³/h]	13,363	11,532	15,204	16,261	16,963
Maximum Speed [rpm]	735	735	735	640	640

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

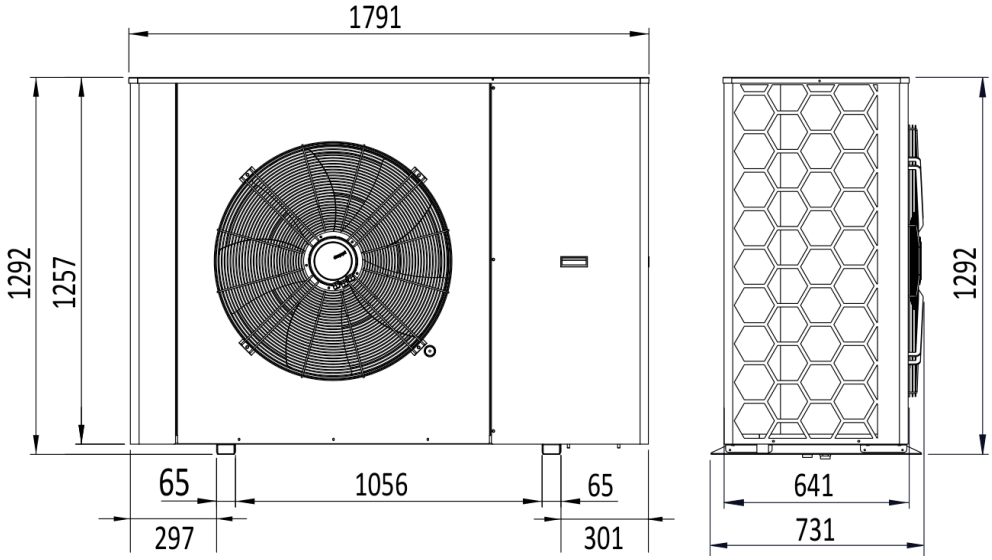
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Dimensions

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