



KITA LP

High-efficiency reversible air-to-water heat pump

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

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 η_s [%]		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 η_s [%]		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+++
Applicazioni a bassa temperatura (W55)	A+++	A+++	A+++	A+++	A+++

Cooling Capacity Data according to EN14511	LP-22	LP-26	LP-28	LP-32	LP-35
A35/W7					
Heating 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					
Heating 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

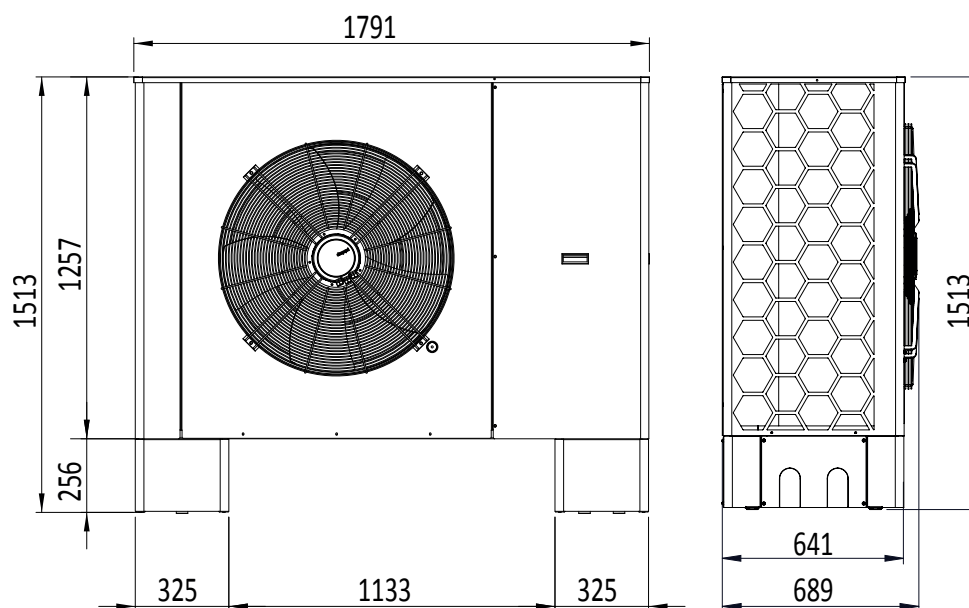
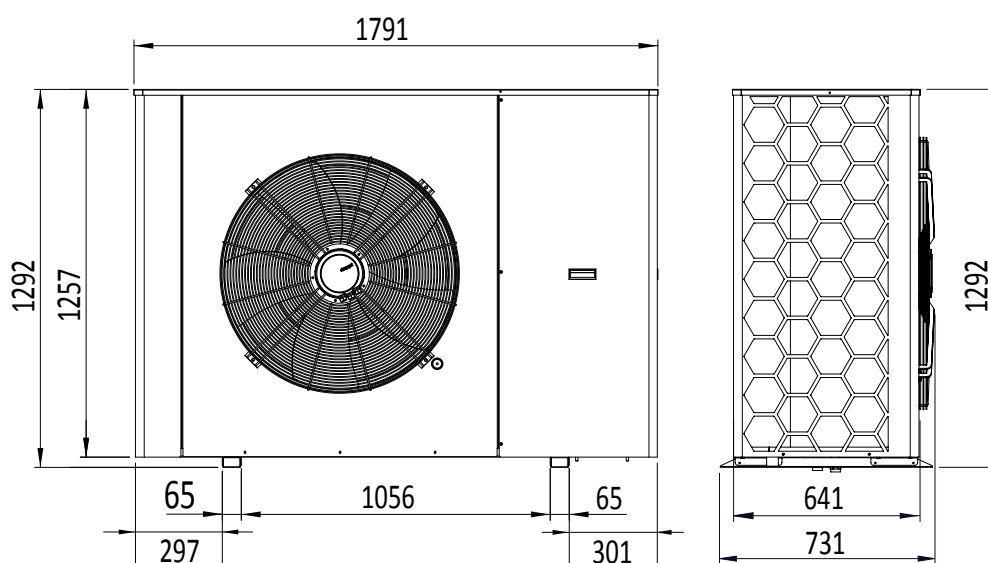
Operating range	LP-22	LP-26	LP-28	LP-32	LP-35
Outdoor Air Temperature [°C]	-22 / 46	-22 / 46	-22 / 46	-22 / 46	-22 / 46
Heating Water Flow Temperature [°C]	10 / 65	10 / 65	10 / 65	10 / 65	10 / 65
Cooling Water Flow Temperature [°C]	5 / 25	5 / 25	5 / 25	5 / 25	5 / 25

Sound power	LP-22	LP-26	LP-28	LP-32	LP-35
Outdoor Sound Power Level ErP [dB]	62,00	61,00	61,00	61,00	61,00
Maximum Outdoor Sound Power Level [dB]	70,91	70,54	70,54	65,95	65,95

Outdoor Fan	LP-22	LP-26	LP-28	LP-32	LP-35
Nominal Air Flow Rate [m³/h]	13363	11532	15204	16261	16963
Maximum Speed [rpm]	735	735	735	640	640

Water circuit	LP-22	LP-26	LP-28	LP-32	LP-35
Alarm Flow Rate Threshold (L/min)	34	34	46	50	54
Recommended Minimum Flow Rate (L/min)	54	57	70	75	80
Nominal water flow rate A7/W35 T=5K (L/min)	63	75	80	92	100
Meter size flow meter	DN25	DN25	DN25	DN25	DN25
Maximum Pressure [bar]	2,5	2,5	2,5	2,5	2,5

Electric Data	LP-22	LP-26	LP-28	LP-32	LP-35
Power supply (V/Ph/Hz)	400 V 3ph				
Power Input [kW]	7,48	9,49	10,47	12,56	14,18
Inverter (A)	30	38			
Miniature Circuit Breaker(A)	32	40			
Residual current device (mA)	30				
Cable Cross-Section in mm² (for lengths up to 5 m)	5x6	5x10			

DIMENSIONS WITH BRACKETS

DIMENSIONS WITH LEGS


Dimensions: 1257 mm (H) x 1791 mm (L) x 641 mm (P)

Peso: 280 Kg