



KITA SP

High-efficiency reversible air-to-water heat pump

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+++
Applicazioni a bassa temperatura (W55)	A+++	A+++	A+++

Cooling Capacity Data according to EN14511	SP-8	SP-10	SP-12
A35/W7			
Heating 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			
Heating 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

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]	50,00	50,00	50,00
Maximum Outdoor Sound Power Level [dB]	58,68	58,68	58,68

Outdoor Fan	SP-8	SP-10	SP-12
Nominal Air Flow Rate [m³/h]	7050	7817	10137
Maximum Speed [rpm]	710	710	710

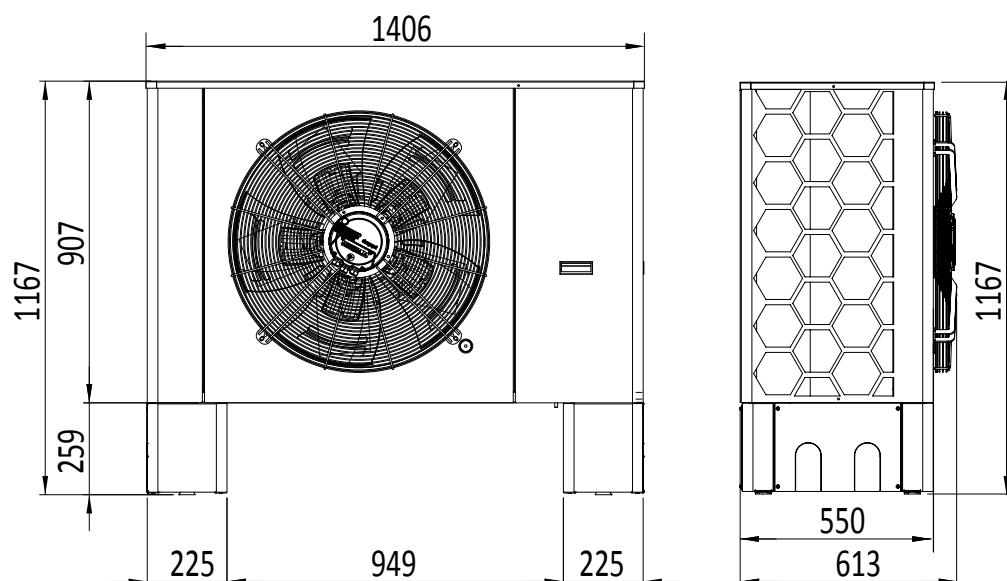
Water circuit	SP-8	SP-10	SP-12
Alarm Flow Rate Threshold (L/min)	25,00	25,00	25,00
Recommended Minimum Flow Rate (L/min)	30,00	30,00	30,00
Nominal water flow rate A7/W35 T=5K (L/min)	23,00	29,00	34,00
Meter size flow meter	DN25	DN25	DN25
Maximum Pressure [bar]	2,50	2,50	2,50

Electric Data	SP-8	SP-10	SP-12
Power supply (V/Ph/Hz)	230 V(1ph) 400 V(3ph)		
Power Input [kW]	2,15	2,88	5,07
Inverter (A)	18		
Miniature Circuit Breaker(A)	20		
Residual current device (mA)	30		
Cable Cross-Section in mm² (for lengths up to 5 m)	3x4 (1ph) 5x2.5 (3ph)		

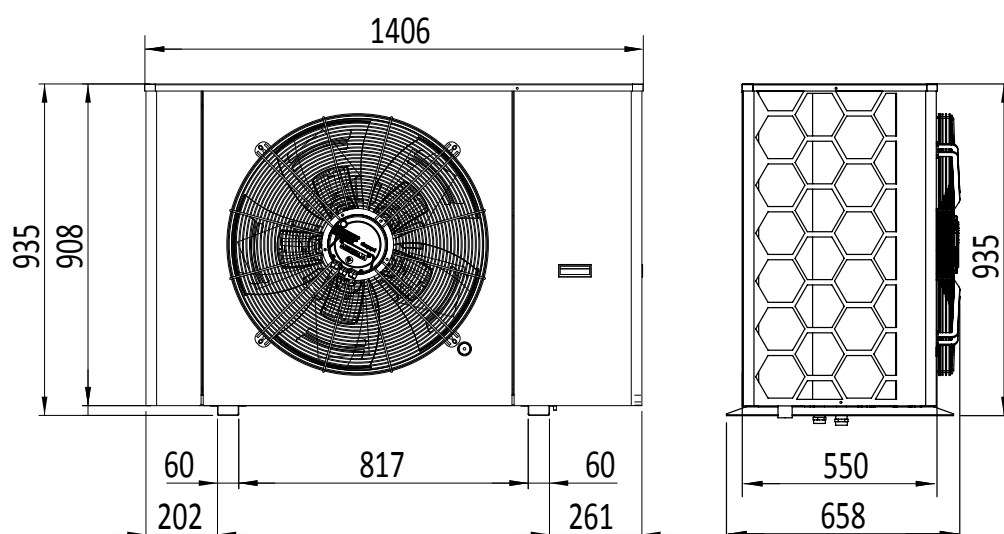
Full load performance calculated according to UNI EN 14511		SP-8	SP-10	SP-12
A7/W35				
Heating capacity [kW]		8,00	10,00	12,10
COP [-]		5,78	5,44	4,99
Power input [kW]		1,38	1,84	2,42
Power regulation [kW]		4.20 - 8.00	4.20 - 10.00	4.20 - 12.10
A2/W35				
Heating capacity [kW]		7,01	8,81	11,53
COP [-]		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

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 η_s [%]		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 η_s [%]		160,7	165,1	158,9
Seasonal Coefficient of Performance (SCOP)		4,09	4,20	4,05

DIMENSIONS WITH LEGS



DIMENSIONS WITH BRACKETS



Dimensions: 908 mm (H) x 1406 mm (L) x 550 mm (P)

Peso: 180 Kg