



KITA XS 7.5 - XS 9

High-efficiency reversible air-to-water heat pump

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

Heating performance data according to EN14825 (average climate)	XS 7.5	XS 9
Low-temperature applications (W35)		
Nominal heating capacity [kW]	6,04	7,30
Seasonal Energy Efficiency η_s [%]	217,3	200,0
Seasonal Coefficient of Performance (SCOP)	5,51	5,07
Medium Temperature Applications (W55)		
Nominal heating capacity [kW]	5,56	6,94
Seasonal Energy Efficiency η_s [%]	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		
Heating capacity [kW]	6,00	7,00
Energy Efficiency Ratio (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		
Heating 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

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]	53,00	53,00
Maximum Outdoor Sound Power Level [dB]	62,75	62,75

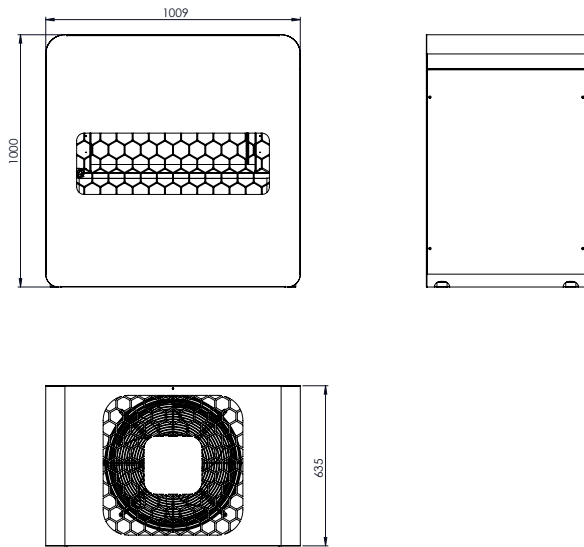
Outdoor Fan	XS 7.5	XS 9
Nominal Air Flow Rate [m³/h]	3557	3396
Maximum Speed [rpm]	960	960

Water circuit	XS 7.5	XS 9
Alarm Flow Rate Threshold (L/min)	18	18
Recommended Minimum Flow Rate (L/min)	21,50	21,50
Nominal water flow rate A7/W35 T=5K (L/min)	21,50	25,80
Meter size flow meter	DN20	DN20
Maximum Pressure [bar]	2,50	2,50

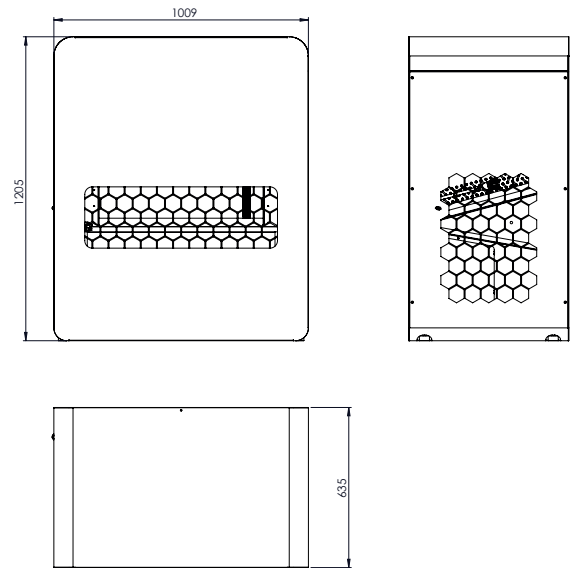
Electric Data	XS 7.5	XS 9
Power supply (V/Ph/Hz)	230 V(1ph) 400 V(3ph)	
Power Input [kW]	1,81	2,48
Inverter (A)	11 (1ph) 18 (1ph) 18 (3ph)	
Miniature Circuit Breaker(A)		
Residual current device (mA)	30	30
Cable Cross-Section in mm² (for lengths up to 5 m)	3x2.5 (1ph) 3x4(1ph) 5x2.5 (3ph)	

Available in two versions

1 LOW VERSION



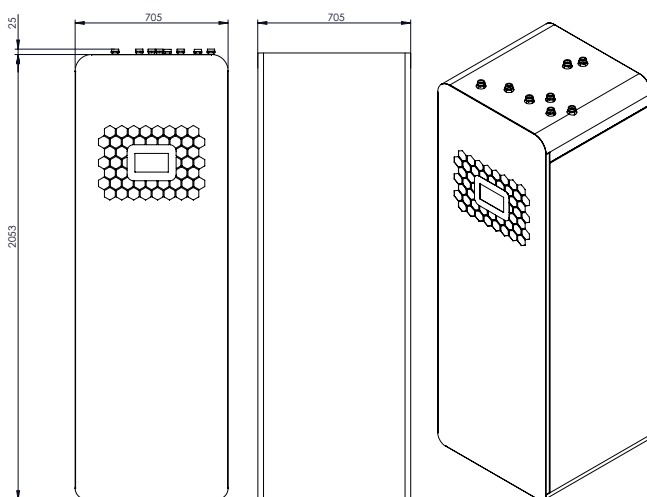
2 HIGH VERSION



Dimensions: Low version 1000 mm (H) x 1000 mm (L) x 435 mm (P)
High version 1205 mm (H) x 1000 mm (L) x 435 mm (P)

Weight: 155 Kg (Xs 7.5) - 160 Kg (Xs 9)

MONO TECHNICAL CABINET



Dimensions 700 x 700 x 2050 H mm

Weight 250 kg