



-20°C
CONSTANT HEATING
T-CAP

WATER AT
60°C
FLOW TEMPERATURE

Aquarea T-CAP

For extremely low temperatures, install the A-class water pump: industry's top class energy-saving!

The whole T-CAP line-up can replace old gas or oil boilers, in a new application with under floor heating, low temperature radiators or even fan-coil heaters.

NEW

NEW
SUPER QUIET
OUTDOOR UNIT

CZ-TAW1
Internet Control App

- EHP 55°C
- EHP 35°C
-
-
- 20°C CONSTANT HEATING
- WATER AT 60°C
-
- 27°C
-
-
-
-
-
-
-
-

Aquarea H Generation T-CAP Bi-Bloc Three Phase. Heating and Cooling - SXH

TENTATIVE DATA

	Three Phase (Power to indoor)			Three Phase. New Super Quiet Outdoor Unit				
	KIT-WXC09H3E8 ¹	KIT-WXC12H9E8 ¹	KIT-WXC16H9E8 ¹	KIT-WQC09H3E8	KIT-WQC12H9E8	KIT-WQC16H9E8		
Heating capacity at +7°C (heating water at 35°C)	kW	9,00	12,00	16,00	9,00	12,00		
COP at +7°C (heating water at 35°C)	W/W	4,84	4,74	4,28	4,84	4,14		
Heating capacity at +2°C (heating water at 35°C)	kW	9,00	12,00	16,00	9,00	11,40		
COP at +2°C (heating water at 35°C)	W/W	3,59	3,44	3,10	3,59	3,44		
Heating capacity at -7°C (heating water at 35°C)	kW	9,00	12,00	16,00	9,00	10,00		
COP at -7°C (heating water at 35°C)	W/W	2,85	2,72	2,49	2,85	2,73		
Heating capacity at -15°C (heating water at 35°C)	kW	9,00	12,00	9,00	9,00	12,00		
COP at -15°C (heating water at 35°C)	W/W	2,56	2,42	2,56	2,56	2,42		
Cooling capacity at 35°C (cooling water at 7°C)	kW	7,00	10,00	12,20	7,00	10,00		
EER at 35°C (cooling water at 7°C)	W/W	3,17	2,81	2,57	3,17	2,81		
Energy Efficiency Class at 35°C		A++	A++	A++	A++	A++		
Energy Efficiency Class at 55°C		A++	A++	A++	A++	A++		
Indoor Unit		WH-SXC09H3E8	WH-SXC12H9E8	WH-SXC16H9E8	WH-SXC09H3E8	WH-SXC12H9E8	WH-SXC16H9E8	
Sound pressure level	Heating / Cooling	dB(A)	33 / 33	33 / 33	28 / 28	28 / 28	28 / 28	
Dimensions / Weight*	H x W x D	mm / kg	892 x 502 x 353 / 45	892 x 502 x 353 / 46	892 x 502 x 353 / 52	892 x 500 x 340 / 44	892 x 500 x 340 / 44	
Water pipe connector			R 1 1/2	R 1 1/2	R 1 1/2	28	28	
Pump	Number of speeds		Variable Speed	Variable Speed	Variable Speed	Variable Speed	Variable Speed	
	Power input (Min / Max)	W	32 / 102	34 / 110	30 / 105	32 / 102	34 / 110	
Heating water flow (ΔT=5 K, 35°C)		l/min	25,8	34,4	45,9	25,8	34,4	
Capacity of integrated electric heater		kW	3	9	9	3	3	
Recommended fuse		A	16 / 16	16 / 16	16 / 16	15 / 30	15 / 30	
Recommended cable size, supply 1 & 2		mm ²	5 x 1,5 / 3 x 1,5	5 x 1,5 / 5 x 1,5	5 x 1,5 / 5 x 1,5	3 x 1,5 / 3 x 1,5	3 x 1,5 / 3 x 1,5	
Outdoor Unit			WH-UX09HE8	WH-UX12HE8	WH-UX16HE8	WH-UQ09HE8	WH-UQ12HE8	WH-UQ16HE8
Sound pressure level	Heating / Cooling	dB(A)	51 / 49	52 / 50	55 / 54	Pending data	Pending data	Pending data
Dimensions / Weight	H x W x D	mm / kg	1.340 x 900 x 320 / 109	1.340 x 900 x 320 / 109	1.340 x 900 x 320 / 119	1.410 x 1.283 x 320 / 147	1.410 x 1.283 x 320 / 147	1.410 x 1.283 x 320 / 147
Refrigerant (R410A)		kg	2,85	2,85	2,90	1,45	2,10	2,10
Pipe diameter	Liquid pipe / Gas pipe	Inch (mm)	3/8 (9,52) / 5/8 (15,88)	3/8 (9,52) / 5/8 (15,88)	3/8 (9,52) / 5/8 (15,88)	3/8 (9,52) / 5/8 (15,88)	3/8 (9,52) / 5/8 (15,88)	3/8 (9,52) / 5/8 (15,88)
Pipe length range / Elevation difference (in/out)		m	3 - 30 / 20	3 - 30 / 20	3 - 30 / 20	3 - 30 / 20	3 - 30 / 20	3 - 30 / 20
Pipe length for additional gas / Additional gas amount		m / g/m	10 / 50	10 / 50	10 / 50	10 / 50	10 / 50	10 / 50
Operation range	Outdoor ambient	°C	-27 ~ +35	-27 ~ +35	-27 ~ +35	-27 ~ +35	-27 ~ +35	-27 ~ +35
Water outlet	Heating / Cooling	°C	25 - 60 / 5 - 20	25 - 60 / 5 - 20	25 - 60 / 5 - 20	20 - 55 / 5 - 20	25 - 55 / 5 - 20	25 - 55 / 5 - 20

Accessories		Accessories	
WH-TD20E3E5	Tank 200L Inox w/ 3 way valve	CZ-NS4P	Additional functions PCB
WH-TD30E3E5-1	Tank 300L Inox w/ 3 way valve	PAW-BTANK50L	Buffer tank 50L
PAW-TD20B8E3-NDS	Tank 200L Enamelled w/ 3 way valve	CZ-TAW1	Aquarea Smart Cloud, H Generation Internet control through Wifi or wired LAN
CZ-TK1	Temperature sensor for 3rd party tank	PAW-A2W-RTWIRED	Temperature sensor
CZ-NV1	3 way valve Kit		

COP classification is at 230V only in accordance with EU directive 2003/32/EC. Sound pressure measured at 1m from the outdoor unit and at 1.5m height. Heating sound pressure measured at +7°C (heating water at 55°C). Performance in agreement with EN14511. 1) Available in November 2016. * Tentative values.

INTERNET CONTROL: Optional.