

AQUAREA ALL IN ONE H GENERATION T-CAP BI-BLOC SINGLE PHASE. HEATING AND COOLING

Benefits of the T-CAP All in One unit!

Aquarea T-CAP can work in extreme outdoor conditions as low as -28°C and warranty the capacity without back up heating down to -20°C. Ready to work at extreme outdoor conditions the H Generation T-CAP can produce water up to 60°C, expanding its possibilities for retrofit application. On top of All in One Aquarea unique advantages, the quickest installation in the market and easy maintenance including the outstanding inox tank maintenance free.

Technical focus

- **NEW!** Indoor Unit
- **NEW!** Touch Controller

- Works at temperatures as low as -28°C
- Constant capacity up to -20°C
- Space saving: 1.800 x 598 x 717 (H x W x D)
- Reduced installation costs
- Piping at the bottom of the All in One (easy to install)
- Reduced installation time and minimised installation errors
- Easy remote controller to set up
- Reduced installation spaces
- Electrical connections at the front
- Easier installation and maintenance
- 1 phase
- New remote controller functions (cooling mode activation possible by software. This activation can only be done by service partner)



			Single Phase (Power to indoor)		
Kit			KIT-AXC09HE5-UK ¹		KIT-AXC12HE5-UK ¹
Heating capacity at +7°C (heating water at 35°C)	kW		9.00		12.00
COP at +7°C (heating water at 35°C)	W/W		4.84		4.74
Heating capacity at +2°C (heating water at 35°C)	kW		9.00		12.00
COP at +2°C (heating water at 35°C)	W/W		3.59		3.44
Heating capacity at -7°C (heating water at 35°C)	kW		9.00		12.00
COP at -7°C (heating water at 35°C)	W/W		2.85		2.72
Cooling capacity at 35°C (cooling water at 7/12°C)	kW		7.00		10.00
EER at 35°C (cooling water at 7/12°C)	W/W		3.17		2.81
Energy Efficiency Class at 35°C / at 55°C / at 55°C for DHW			◀ A+++ / A++ / A ▶		◀ A+++ / A++ / A ▶
System label 35°C / 55°C ²			◀ A+++ / A++ ▶		◀ A+++ / A++ ▶
Indoor unit			WH-ADC1216H6E5UK		
Sound pressure	Heating / Cooling	dB(A)	33 / 33		33 / 33
Dimensions* / Net Weight*	H x W x D	mm / kg	1800 x 598 x 717 / 124		1800 x 598 x 717 / 124
Water pipe connector		mm	R 1 1/2		R 1 1/2
A class pump	Number of speeds		Variable Speed		Variable Speed
	Input power (Min / Max)*	W	36 / 152		36 / 152
Heating water flow (ΔT=5 K, 35°C)		L/min	25.8		34.4
Capacity of integrated electric heater		kW	6		6
Recommended fuse		A	30 / 30		30 / 30
Recommended cable size, supply 1 & 2		mm ²	3 x 4.0 / 3 x 4.0		3 x 4.0 / 3 x 4.0
Water volume		L	185		185
Maximum water temperature		°C	65		65
Material inside tank			Stainless steel		Stainless steel
Outdoor Unit			WH-UX09HE5		
Sound pressure	Heating / Cooling	dB(A)	51 / 49		52 / 50
Sound power level	Heating / Cooling	dB	68 / 67		69 / 68
Dimensions / Weight	H x W x D	mm / kg	1340 x 900 x 320 / 101		1340 x 900 x 320 / 101
Refrigerant (R410A)		kg / TCO ₂ Eq.	2.85 / 5.951		2.85 / 5.951
Pipe diameter	Liquid / Gas	Inch (mm)	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
Pipe length for additional gas / Additional gas amount		m / g/m	10 / 50		10 / 50
Operation range	Outdoor ambient	°C	-28 ~ +35		-28 ~ +35
Water outlet	Heating / Cooling	°C	25 ~ 60 / 5 ~ 20		25 ~ 60 / 5 ~ 20

Accessories

PAW-ADC-PREKIT-1	Pre installation kit for piping
PAW-ADC-CV150	Decorative magnetic side cover
CZ-NS4P	Additional functions PCB

Accessories

CZ-TAW1	Aquarea Smart Cloud, H Generation Internet control through Wifi or wired LAN
PAW-AZW-RTWIRED	Room thermostat

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. Insulated tested under EN12897. 1) Available in July 2017. 2) System label with controller. * Tentative data.



INTERNET CONTROL: Optional. 5 YEARS COMPRESSOR WARRANTY AND EXTENDED 7 YEARS COST OPTION. Exclusively for PRO Partners. MCS APPROVED PRODUCT. For full MCS approved product list please go to www.microgenerationcertification.org/consumers or www.aircon.panasonic.co.uk/GB_en/downloads/others.