

## Aquarea T-CAP All in One H Generation 3 Phase. Super Quiet outdoor unit • R410A

### Aquarea, an innovative new low-energy system based on Air to Water heat pump technology

Aquarea warms your home effectively and efficiently, even with extreme outdoor temperatures. Aquarea can also cool space in summer and bring hot water all year round.

Aquarea T-CAP is the range for retrofit and new builds, keeping Total Capacity even at extremely cold ambient.

Aquarea All in One: This range intelligently integrates the best Hydrokit technology with a premium quality stainless steel tank, which is maintenance-free.

- High energy Class A++
- Low noise level
- Constant capacity down to -20°C
- Maximum hydraulic module output temperature: 60°C
- Stainless steel 185 L DHW tank
- U-Vacua? insulation panel for higher tank efficiency
- Anode free water tank, no maintenance
- Works at temperatures as low as -28°C
- Built-in magnet water filter and flow meter, and automatic air purge valve
- Easy installation and maintenance
- Cloud control and service with CZ-TAW1
- Easy-to-use remote controller

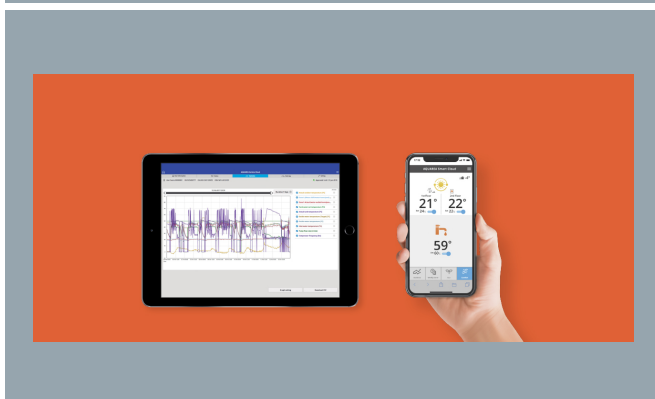


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### Luftvatten-värmepumpar

Värme, kyla and tappvarmvattensystem för en grön framtid.

[JÄMFÖR LÖSNINGAR??](#)



**Aquarea Service Cloud. Styrning för idag och framtiden**

[FÖR SLUTKUND](#)

[FÖR INSTALLATÖRER](#)



## Värmeåtervinningsenhet för ett låg-energihus

Ventilationssystem med värmeåtervinning ger användarna en hög levnadskomfort tack vare temperaturkontrollerad och ren luft.

[LÄS MER](#)

[PANASONIC HAR LÖSNINGAR FÖR DITT HEM. SPARA IDAG OCH IMORGON](#)

Aqueara T-CAP All in One H Generation 3 Phase. Super Quiet outdoor unit • R410A		Three Phase (Power to indoor)
		<b>12 kW</b>
Kit		KIT-AQC12HE8
Heating capacity (A +7°C, W 35°C)	kW	12,00
COP (A +7°C, W 35°C)		4,74
Heating capacity (A +7°C, W 55°C)	kW	12,00
COP (A +7°C, W 55°C)		2,88
Heating capacity (A +2°C, W 35°C)	kW	12,00
COP (A +2°C, W 35°C)		3,44
Heating capacity (A +2°C, W 55°C)	kW	12,00
COP (A +2°C, W 55°C)		2,19
Heating capacity (A -7°C, W 35°C)	kW	12,00
COP (A -7°C, W 35°C)		2,72
Heating capacity (A -7°C, W 55°C)	kW	12,00
COP (A -7°C, W 55°C)		1,92
Cooling capacity (A 35°C, W 7°C)	kW	10,00
EER (A 35°C, W 7°C)		2,81
Cooling capacity (A 35°C, W 18°C)	kW	10,00
EER (A 35°C, W 18°C)		5,13
Heating average climate. Seasonal energy efficiency (W 35°C / W 55°C)	ηs %	170 / 130
Heating average climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	4,33 / 3,33
Heating average climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A++ / A++
Heating warm climate. Seasonal energy efficiency (W 35°C / W 55°C)	ηs %	231 / 158
Heating warm climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	5,85 / 4,03
Heating warm climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A+++ / A+++
Heating cold climate. Seasonal energy efficiency (W 35°C / W 55°C)	ηs %	160 / 125
Heating cold climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	4,08 / 3,20
Heating cold climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A++ / A++
Indoor unit		WH-ADC0916H9E8
Indoor sound pressure (Heat)	dB(A)	33
Indoor sound pressure (Cool)	dB(A)	33
Indoor dimension (Height)	mm	1800
Indoor dimension (Width)	mm	598
Indoor dimension (Depth)	mm	717
Indoor net weight	kg	126
Water pipe connector	Inch	R 1¼
A class pump (Number of speeds)		Variable Speed
A class pump (Input power Min)	W	36
A class pump (Input power Max)	W	152
Heating water flow (ΔT=5 K, 35°C)	L/min	34,40
Capacity of integrated electric heater	kW	9,00
Indoor recommended fuse	A	16 / 16
Recommended cable size, supply 1	mm²	5 x 1,5
Recommended cable size, supply 2	mm²	5 x 1,5
Water volume	L	185
Maximum water temperature	°C	65
Material inside tank		Stainless steel
Tapping profile according EN16147		L
DHW tank ERP average climate efficiency rating (2)	A+ to F	A
DHW tank ERP warm climate efficiency rating (2)	A+ to F	A
DHW tank ERP cold climate efficiency rating (2)	A+ to F	A
DHW tank ERP average climate η	ηwh %	95
DHW tank ERP average climate SCOP		2,38
DHW tank ERP warm climate η	ηwh %	110
DHW tank ERP warm climate SCOP		2,75
DHW tank ERP cold climate η	ηwh %	75
DHW tank ERP cold climate SCOP		1,80
Outdoor unit		WH-UQ12HE8
Outdoor sound power part load (Heat) (3)	dB(A)	58
Outdoor sound power full load (Heat)	dB(A)	62
Outdoor sound power full load (Cool)	dB(A)	64
Outdoor dimension (Height)	mm	1410
Outdoor dimension (Width)	mm	1283
Outdoor dimension (Depth)	mm	320
Outdoor net weight	kg	151
Refrigerant (R410A) / CO2 Eq.	kg / T	2,85 / 5,951
Pipe diameter (Liquid)	Inch (mm)	3/8 (9,52)
Pipe diameter (Gas)	Inch (mm)	5/8 (15,88)
Pipe length range	m	3 ~ 30
Elevation difference (in/out)	m	20
Pipe length for additional gas	m	10
Additional gas amount	g/m	50
Operation range (Outdoor ambient)	°C	-28 ~ +35
Water outlet (Heat)	°C	20 ~ 60
Water outlet (Cool)	°C	5 ~ 20

- (1) Scale from A+++ to D.  
(2) Scale from A+ to F.  
(3) Sound power in accordance to 8112013,81312013 and EN12102-1:2017 at +7°C.  
EER and COP calculation is based in accordance to EN14511.

This product is designed to comply with the European Water Quality Directive 98/83/EC amended by 2015/1787/EU. The lifespan of the product is not guaranteed in the case of the use of groundwater, such as spring water or well water, the use of tap water when salt or other impurities are contained, nor in areas of acidic water quality. Maintenance and warranty costs related to these cases are the customer's responsibility.

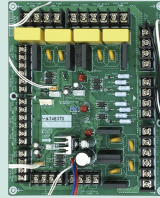
## Kompletterande produkter



PAW-A2W-RTWIRED.  
Trådbunden  
LCD-rumstermostat med  
veckotimer



PAW-ADC-CV150. Sidoskydd med  
rörlåda på baksidan



CZ-NS4P. PCB för  
avancerade funktioner så  
som 0-10V behovssignal,  
2-zonskontrollfunktion,  
soldriven och extern  
switch



CZ-TAW1



PAW-ADC-PREKIT-H.  
Flexibla rör för enkel  
installation