

## NEW Aquarea T-CAP All in One K Generation Single phase / Three phase. Heating and Cooling - R32

**Energy efficiency:** A+++ in heating at 35 °C and A+ in DHW / "A" water pump with variable speed / Stainless steel DHW tank with U-Vacua™ insulation panel / Built-in flow meter.

**Flexibility:** 598 x 600 footprint / Built-in magnetic water filter.

**Comfort:** Constant capacity down to -20 °C / Operating range down to -28 °C / 60 °C hot water even at -10 °C outside temperature.

**Control:** Optimised user interface and improved features [2 zone control, bivalent control].

**Connectivity:** Optional Aquarea Smart and Service Cloud and integration into BMS projects.



|                                                             |                            |                            | Single phase (power to indoor) |                          | Three phase (power to indoor) |                          |
|-------------------------------------------------------------|----------------------------|----------------------------|--------------------------------|--------------------------|-------------------------------|--------------------------|
| Kit                                                         |                            |                            | KIT-AXC09KE5                   | KIT-AXC12KE5             | KIT-AXC09KE8                  | KIT-AXC12KE8             |
| Heating capacity / COP [A +7 °C, W 35 °C]                   |                            | kW / COP                   | 9,00/5,03                      | 12,10/4,84               | 9,00/5,03                     | 12,10/4,84               |
| Heating capacity / COP [A +7 °C, W 55 °C]                   |                            | kW / COP                   | 9,00/3,07                      | 12,10/3,04               | — / —                         | — / —                    |
| Heating capacity / COP [A +2 °C, W 35 °C]                   |                            | kW / COP                   | 9,00/3,69                      | 12,00/3,44               | 9,00/3,69                     | 12,00/3,44               |
| Heating capacity / COP [A +2 °C, W 55 °C]                   |                            | kW / COP                   | 9,00/2,31                      | 12,00/2,29               | — / —                         | — / —                    |
| Heating capacity / COP [A -7 °C, W 35 °C]                   |                            | kW / COP                   | 9,00/3,00                      | 12,00/2,72               | — / —                         | — / —                    |
| Heating capacity / COP [A -7 °C, W 55 °C]                   |                            | kW / COP                   | 9,00/2,10                      | 12,00/2,00               | — / —                         | — / —                    |
| Cooling capacity / EER [A 35 °C, W 7 °C]                    |                            | kW / EER                   | 8,80/3,11                      | 10,70/2,68               | 8,80/3,11                     | 10,70/2,68               |
| Cooling capacity / EER [A 35 °C, W 18 °C]                   |                            | kW / EER                   | 8,80/4,63                      | 10,70/3,92               | — / —                         | — / —                    |
| Heating average climate (W 35 °C / W 55 °C)                 | Seasonal energy efficiency | SCOP (η <sub>s</sub> %)    | 4,96/3,57 [195/140]            | 4,96/3,57 [195/140]      | 4,96/3,57 [195/140]           | 4,96/3,57 [195/140]      |
|                                                             | Energy class <sup>1)</sup> | A+++ to D                  | A+++ / A++                     | A+++ / A++               | A+++ / A++                    | A+++ / A++               |
| Heating warm climate (W 35 °C / W 55 °C)                    | Seasonal energy efficiency | SCOP (η <sub>s</sub> %)    | 6,47/4,34 [256/171]            | 6,47/4,34 [256/171]      | 6,47/4,34 [256/171]           | 6,47/4,34 [256/171]      |
|                                                             | Energy class <sup>1)</sup> | A+++ to D                  | A+++ / A+++                    | A+++ / A+++              | A+++ / A+++                   | A+++ / A+++              |
| Heating cold climate (W 35 °C / W 55 °C)                    | Seasonal energy efficiency | SCOP (η <sub>s</sub> %)    | 4,31/3,26 [169/127]            | 4,31/3,26 [169/127]      | 4,31/3,26 [169/127]           | 4,31/3,26 [169/127]      |
|                                                             | Energy class <sup>1)</sup> | A+++ to D                  | A++ / A++                      | A++ / A++                | A++ / A++                     | A++ / A++                |
| <b>Indoor unit</b>                                          |                            |                            | <b>WH-ADC0912K6E5</b>          | <b>WH-ADC0912K6E5</b>    | <b>WH-ADC0912K9E8***</b>      | <b>WH-ADC0912K9E8***</b> |
| Sound pressure                                              | Heat / Cool                | dB(A)                      | 33/33                          | 33/33                    | 33/33                         | 33/33                    |
| Dimension                                                   | HxWxD                      | mm                         | 1642x599x602                   | 1642x599x602             | 1642x599x602                  | 1642x599x602             |
| Net weight                                                  |                            | kg                         | 101                            | 101                      | —                             | —                        |
| Water pipe connector                                        |                            | Inch                       | R 1 1/4                        | R 1 1/4                  | R 1 1/4                       | R 1 1/4                  |
| A class pump                                                | Number of speeds           |                            | Variable Speed                 | Variable Speed           | Variable Speed                | Variable Speed           |
|                                                             | Input power (Min/Max)      | W                          | — / 145                        | — / 145                  | — / 145                       | — / 145                  |
| Heating water flow [ΔT=5 K, 35 °C]                          |                            | L/min                      | 25,8                           | 34,4                     | 25,8                          | 34,4                     |
| Water volume                                                |                            | L                          | 185                            | 185                      | 185                           | 185                      |
| Maximum DHW temperature                                     |                            | °C                         | 65                             | 65                       | 65                            | 65                       |
| Material inside tank                                        |                            |                            | Stainless steel                | Stainless steel          | Stainless steel               | Stainless steel          |
| Tapping profile according EN16147                           |                            |                            | L                              | L                        | L                             | L                        |
| DHW tank ERP efficiency average / warm / cold <sup>2)</sup> |                            | A+ to F                    | A / A+ / A                     | A / A+ / A               | A / A+ / A                    | A / A+ / A               |
| DHW tank ERP average climate η / COPdHW                     |                            | η <sub>wh</sub> % / COPdHW | 112/2,80                       | 112/2,80                 | 112/2,80                      | 112/2,80                 |
| DHW tank ERP warm climate η / COPdHW                        |                            | η <sub>wh</sub> % / COPdHW | 132/3,30                       | 132/3,30                 | 132/3,30                      | 132/3,30                 |
| DHW tank ERP cold climate η / COPdHW                        |                            | η <sub>wh</sub> % / COPdHW | 88/2,20                        | 88/2,20                  | 88/2,20                       | 88/2,20                  |
| <b>Outdoor unit</b>                                         |                            |                            | <b>WH-UXZ09KE5</b>             | <b>WH-UXZ12KE5</b>       | <b>WH-UXZ09KE8</b>            | <b>WH-UXZ12KE8</b>       |
| Sound power <sup>3)</sup>                                   | Heat                       | dB(A)                      | 65                             | 65                       | 65                            | 65                       |
| Dimension / Net weight                                      | HxWxD                      | mm / kg                    | 1340x900x320/88                | 1340x900x320/88          | 1340x900x320/—                | 1340x900x320/—           |
| Refrigerant [R32] / CO <sub>2</sub> Eq.                     |                            | kg / T                     | 1,60/1,08                      | 1,60/1,08                | 1,60/1,08                     | 1,60/1,08                |
| Piping diameter                                             | Liquid / Gas               | Inch (mm)                  | 1/4 (6,35) / 1/2 (12,70)       | 1/4 (6,35) / 1/2 (12,70) | 1/4 (6,35) / 1/2 (12,70)      | 1/4 (6,35) / 1/2 (12,70) |
| Pipe length range / Elevation difference [in / out]         |                            | m / m                      | 3 ~ 30/20                      | 3 ~ 30/20                | 3 ~ 30/20                     | 3 ~ 30/20                |
| Pre-charged pipe length / Additional gas amount             |                            | m / g/m                    | 10/30                          | 10/30                    | 10/30                         | 10/30                    |
| Operating range - outdoor ambient                           | Heat                       | °C                         | -28 ~ +35                      | -28 ~ +35                | -28 ~ +35                     | -28 ~ +35                |
|                                                             | Cool                       | °C                         | +10 ~ +43                      | +10 ~ +43                | +10 ~ +43                     | +10 ~ +43                |
| Water outlet                                                | Heat / Cool                | °C                         | 20 ~ 60/5 ~ 20                 | 20 ~ 60/5 ~ 20           | 20 ~ 60/5 ~ 20                | 20 ~ 60/5 ~ 20           |
|                                                             |                            |                            | <b>WH-ADC0912K6E5</b>          | <b>WH-ADC0912K6E5</b>    | <b>WH-ADC0912K9E8***</b>      | <b>WH-ADC0912K9E8***</b> |
| Electric backup heater                                      |                            | kW                         | 6,00                           | 6,00                     | 9,00                          | 9,00                     |
| Recommended fuse                                            |                            | A                          | 30/30                          | 30/30                    | — / —                         | — / —                    |
| Recommended minimum cable size, supply 1 / 2 <sup>4)</sup>  |                            | mm <sup>2</sup>            | 3x4,0/3x4,0                    | 3x4,0/3x4,0              | — / —                         | — / —                    |

1) Scale from A+++ to D. 2) Scale from A+ to F. 3) Sound power in accordance to 811/2013, 813/2013 and EN12102-1:2017 at +7 °C. 4) Check local regulations. \* 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. \*\*\* Available Autumn 23. \*\*\*\* Tentative data.

| Accessories        |                                                                                      |
|--------------------|--------------------------------------------------------------------------------------|
| <b>CZ-RTW1</b>     | Additional remote controller for K and L Generations                                 |
| <b>CZ-TAW1B</b>    | Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN |
| <b>CZ-TAW1-CBL</b> | 10 m extension cable for CZ-TAW1B                                                    |

| Accessories                |                              |
|----------------------------|------------------------------|
| <b>CZ-NS5P</b>             | Additional functions PCB     |
| <b>PAW-A2W-RTWIRED</b>     | Room thermostat              |
| <b>PAW-A2W-RTWIREDLESS</b> | Wireless LCD room thermostat |



INTERNET CONTROL: Optional.

## NEW Aquarea T-CAP All in One K Generation Single phase / Three phase. Heating and Cooling with Electrical Anode · R32

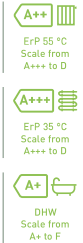
**Energy efficiency:** A+++ in heating at 35 °C and A+ in DHW / "A" water pump with variable speed / Stainless steel DHW tank with U-Vacua™ insulation panel / Built-in flow meter.

**Flexibility:** 598 x 600 footprint / Built-in magnetic water filter.

**Comfort:** Constant capacity down to -20 °C / Operating range down to -28 °C / 60 °C hot water even at -10 °C outside temperature.

**Control:** Optimised user interface and improved features (2 zone control, bivalent control).

**Connectivity:** Optional Aquarea Smart and Service Cloud and integration into BMS projects.



|                                                             |                            |                            | Single phase (power to indoor) |                          | Three phase (power to indoor) |                          |
|-------------------------------------------------------------|----------------------------|----------------------------|--------------------------------|--------------------------|-------------------------------|--------------------------|
| Kit                                                         |                            |                            | KIT-AXC09KE5AN                 | KIT-AXC12KE5AN           | KIT-AXC09KE8AN                | KIT-AXC12KE8AN           |
| Heating capacity / COP (A +7 °C, W 35 °C)                   |                            | kW / COP                   | 9,00/5,03                      | 12,10/4,84               | 9,00/5,03                     | 12,10/4,84               |
| Heating capacity / COP (A +7 °C, W 55 °C)                   |                            | kW / COP                   | 9,00/3,07                      | 12,10/3,04               | — / —                         | — / —                    |
| Heating capacity / COP (A +2 °C, W 35 °C)                   |                            | kW / COP                   | 9,00/3,69                      | 12,00/3,44               | 9,00/3,69                     | 12,00/3,44               |
| Heating capacity / COP (A +2 °C, W 55 °C)                   |                            | kW / COP                   | 9,00/2,31                      | 12,00/2,29               | — / —                         | — / —                    |
| Heating capacity / COP (A -7 °C, W 35 °C)                   |                            | kW / COP                   | 9,00/3,00                      | 12,00/2,72               | — / —                         | — / —                    |
| Heating capacity / COP (A -7 °C, W 55 °C)                   |                            | kW / COP                   | 9,00/2,10                      | 12,00/2,00               | — / —                         | — / —                    |
| Cooling capacity / EER (A 35 °C, W 7 °C)                    |                            | kW / EER                   | 8,80/3,11                      | 10,70/2,68               | 8,80/3,11                     | 10,70/2,68               |
| Cooling capacity / EER (A 35 °C, W 18 °C)                   |                            | kW / EER                   | 8,80/4,63                      | 10,70/3,92               | — / —                         | — / —                    |
| Heating average climate (W 35 °C / W 55 °C)                 | Seasonal energy efficiency | SCOP (η <sub>s</sub> %)    | 4,96/3,57[195/140]             | 4,96/3,57[195/140]       | 4,96/3,57[195/140]            | 4,96/3,57[195/140]       |
|                                                             | Energy class <sup>1)</sup> |                            | A+++ to D                      | A+++ / A++               | A+++ / A++                    | A+++ / A++               |
| Heating warm climate (W 35 °C / W 55 °C)                    | Seasonal energy efficiency | SCOP (η <sub>s</sub> %)    | 6,47/4,34[256/171]             | 6,47/4,34[256/171]       | 6,47/4,34[256/171]            | 6,47/4,34[256/171]       |
|                                                             | Energy class <sup>1)</sup> |                            | A+++ to D                      | A+++ / A+++              | A+++ / A+++                   | A+++ / A+++              |
| Heating cold climate (W 35 °C / W 55 °C)                    | Seasonal energy efficiency | SCOP (η <sub>s</sub> %)    | 4,31/3,26[169/127]             | 4,31/3,26[169/127]       | 4,31/3,26[169/127]            | 4,31/3,26[169/127]       |
|                                                             | Energy class <sup>1)</sup> |                            | A+++ to D                      | A++ / A++                | A++ / A++                     | A++ / A++                |
| <b>Indoor unit</b>                                          |                            |                            | <b>WH-ADC0912K9E8AN</b>        | <b>WH-ADC0912K9E8AN</b>  | <b>WH-ADC0912K9E8AN</b>       | <b>WH-ADC0912K9E8AN</b>  |
| Sound pressure                                              | Heat / Cool                | dB(A)                      | 33/33                          | 33/33                    | 33/33                         | 33/33                    |
| Dimension                                                   | HxWxD                      | mm                         | 1642x599x602                   | 1642x599x602             | 1642x599x602                  | 1642x599x602             |
| Net weight                                                  |                            | kg                         | 101                            | 101                      | 101                           | 101                      |
| Water pipe connector                                        |                            | Inch                       | R 1 1/4                        | R 1 1/4                  | R 1 1/4                       | R 1 1/4                  |
| A class pump                                                | Number of speeds           |                            | Variable Speed                 | Variable Speed           | Variable Speed                | Variable Speed           |
|                                                             | Input power (Min/Max)      | W                          | — / 145                        | — / 145                  | — / 145                       | — / 145                  |
| Heating water flow (ΔT=5 K, 35 °C)                          |                            | L/min                      | 25,8                           | 34,4                     | 25,8                          | 34,4                     |
| Water volume                                                |                            | L                          | 185                            | 185                      | 185                           | 185                      |
| Maximum DHW temperature                                     |                            | °C                         | 65                             | 65                       | 65                            | 65                       |
| Material inside tank                                        |                            |                            | Stainless steel                | Stainless steel          | Stainless steel               | Stainless steel          |
| Tapping profile according EN16147                           |                            |                            | L                              | L                        | L                             | L                        |
| DHW tank ERP efficiency average / warm / cold <sup>2)</sup> |                            | A+ to F                    | A / A+ / A                     | A / A+ / A               | A / A+ / A                    | A / A+ / A               |
| DHW tank ERP average climate η / COPdHW                     |                            | η <sub>wh</sub> % / COPdHW | 112/2,80                       | 112/2,80                 | 112/2,80                      | 112/2,80                 |
| DHW tank ERP warm climate η / COPdHW                        |                            | η <sub>wh</sub> % / COPdHW | 132/3,30                       | 132/3,30                 | 132/3,30                      | 132/3,30                 |
| DHW tank ERP cold climate η / COPdHW                        |                            | η <sub>wh</sub> % / COPdHW | 88/2,20                        | 88/2,20                  | 88/2,20                       | 88/2,20                  |
| <b>Outdoor unit</b>                                         |                            |                            | <b>WH-UXZ09KE5</b>             | <b>WH-UXZ12KE5</b>       | <b>WH-UXZ09KE8</b>            | <b>WH-UXZ12KE8</b>       |
| Sound power <sup>3)</sup>                                   | Heat                       | dB(A)                      | 65                             | 65                       | 65                            | 65                       |
| Dimension / Net weight                                      | HxWxD                      | mm / kg                    | 1340x900x320/88                | 1340x900x320/88          | 1340x900x320/88               | 1340x900x320/88          |
| Refrigerant (R32) / CO <sub>2</sub> Eq.                     |                            | kg / T                     | 1,60/1,08                      | 1,60/1,08                | 1,60/1,08                     | 1,60/1,08                |
| Piping diameter                                             | Liquid / Gas               | Inch (mm)                  | 1/4 (6,35) / 1/2 (12,70)       | 1/4 (6,35) / 1/2 (12,70) | 1/4 (6,35) / 1/2 (12,70)      | 1/4 (6,35) / 1/2 (12,70) |
| Pipe length range / Elevation difference (in / out)         |                            | m / m                      | 3 ~ 30/20                      | 3 ~ 30/20                | 3 ~ 30/20                     | 3 ~ 30/20                |
| Pre-charged pipe length / Additional gas amount             |                            | m / g/m                    | 10/30                          | 10/30                    | 10/30                         | 10/30                    |
| Operating range - outdoor ambient                           | Heat                       | °C                         | -28 ~ +35                      | -28 ~ +35                | -28 ~ +35                     | -28 ~ +35                |
|                                                             | Cool                       | °C                         | +10 ~ +43                      | +10 ~ +43                | +10 ~ +43                     | +10 ~ +43                |
| Water outlet                                                | Heat / Cool                | °C                         | 20 ~ 60/5 ~ 20                 | 20 ~ 60/5 ~ 20           | 20 ~ 60/5 ~ 20                | 20 ~ 60/5 ~ 20           |

| Electrical information                                     |                 | WH-ADC0912K9E8AN | WH-ADC0912K9E8AN | WH-ADC0912K9E8AN | WH-ADC0912K9E8AN |
|------------------------------------------------------------|-----------------|------------------|------------------|------------------|------------------|
| Electric backup heater                                     | kW              | 6,00             | 6,00             | 9,00             | 9,00             |
| Recommended fuse                                           | A               | 30/30            | 30/30            | — / —            | — / —            |
| Recommended minimum cable size, supply 1 / 2 <sup>4)</sup> | mm <sup>2</sup> | 3x4,0/3x4,0      | 3x4,0/3x4,0      | — / —            | — / —            |

1) Scale from A+++ to D, 2) Scale from A+ to F, 3) Sound power in accordance to 811/2013, 813/2013 and EN12102-1:2017 at +7 °C, 4) Check local regulations. \* 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. \*\*\* Tentative data.

| Accessories        |                                                                                      |
|--------------------|--------------------------------------------------------------------------------------|
| <b>CZ-RTW1</b>     | Additional remote controller for K and L Generations                                 |
| <b>CZ-TAW1B</b>    | Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN |
| <b>CZ-TAW1-CBL</b> | 10 m extension cable for CZ-TAW1B                                                    |

| Accessories                |                              |
|----------------------------|------------------------------|
| <b>CZ-NS5P</b>             | Additional functions PCB     |
| <b>PAW-A2W-RTWIRED</b>     | Room thermostat              |
| <b>PAW-A2W-RTWIREDLESS</b> | Wireless LCD room thermostat |



INTERNET CONTROL: Optional.

## Aquarea T-CAP All in One H Generation Single phase / Three phase. Heating and Cooling - R410A

**Energy efficiency:** A+++ in heating at 35 °C and A+ in DHW / "A" water pump with variable speed / Stainless steel DHW tank with U-Vacua™ insulation panel / Built-in flow meter.

**Flexibility:** Optional magnet for the water filter.

**Comfort:** Constant capacity down to -20 °C / Operating range down to -28 °C / 60 °C water outlet temperature.

**Control:** Additional functions with optional PCB [2 zone control, bivalent control, Smart Grid contact and more].

**Connectivity:** Optional Aquarea Smart and Service Cloud and integration into BMS projects.



011-1W0510  
011-1W0511



|                                                             |                            |                         | Single phase (power to indoor) |                       | Three phase (power to indoor) |                       |                       |
|-------------------------------------------------------------|----------------------------|-------------------------|--------------------------------|-----------------------|-------------------------------|-----------------------|-----------------------|
| Kit                                                         |                            |                         | KIT-AXC09HE5                   | KIT-AXC12HE5          | KIT-AXC09HE8                  | KIT-AXC12HE8          | KIT-AXC16HE8          |
| Heating capacity / COP [A +7 °C, W 35 °C]                   | kW / COP                   |                         | 9,00/4,84                      | 12,00/4,74            | 9,00/4,84                     | 12,00/4,74            | 16,00/4,28            |
| Heating capacity / COP [A -7 °C, W 55 °C]                   | kW / COP                   |                         | 9,00/2,94                      | 12,00/2,88            | 9,00/2,94                     | 12,00/2,88            | 16,00/2,71            |
| Heating capacity / COP [A +2 °C, W 35 °C]                   | kW / COP                   |                         | 9,00/3,59                      | 12,00/3,44            | 9,00/3,59                     | 12,00/3,44            | 16,00/3,10            |
| Heating capacity / COP [A +2 °C, W 55 °C]                   | kW / COP                   |                         | 9,00/2,21                      | 12,00/2,19            | 9,00/2,21                     | 12,00/2,19            | 16,00/2,13            |
| Heating capacity / COP [A -7 °C, W 35 °C]                   | kW / COP                   |                         | 9,00/2,85                      | 12,00/2,72            | 9,00/2,85                     | 12,00/2,72            | 16,00/2,49            |
| Heating capacity / COP [A -7 °C, W 55 °C]                   | kW / COP                   |                         | 9,00/2,02                      | 12,00/1,92            | 9,00/2,02                     | 12,00/1,92            | 16,00/1,86            |
| Cooling capacity / EER [A 35 °C, W 7 °C]                    | kW / EER                   |                         | 7,00/3,17                      | 10,00/2,81            | 7,00/3,17                     | 10,00/2,81            | 12,20/2,57            |
| Cooling capacity / EER [A 35 °C, W 18 °C]                   | kW / EER                   |                         | 7,00/5,19                      | 10,00/5,13            | 7,00/5,19                     | 10,00/5,13            | 12,20/3,49            |
| Heating average climate (W 35 °C / W 55 °C)                 | Seasonal energy efficiency | SCOP (η <sub>s</sub> %) | 4,59/3,32(181/130)             | 4,32/3,32(170/130)    | 4,59/3,32(181/130)            | 4,32/3,32(170/130)    | 4,08/3,20(160/125)    |
|                                                             | Energy class <sup>1)</sup> |                         | A+++ to D                      | A+++ to A++           | A+++ to A++                   | A+++ to A++           | A+++ to A++           |
| Heating warm climate (W 35 °C / W 55 °C)                    | Seasonal energy efficiency | SCOP (η <sub>s</sub> %) | 5,95/4,02(235/158)             | 5,86/4,02(231/158)    | 5,95/4,02(235/158)            | 5,86/4,02(231/158)    | 5,86/4,05(231/159)    |
|                                                             | Energy class <sup>1)</sup> |                         | A+++ to D                      | A+++ to A+++          | A+++ to A+++                  | A+++ to A+++          | A+++ to A+++          |
| Heating cold climate (W 35 °C / W 55 °C)                    | Seasonal energy efficiency | SCOP (η <sub>s</sub> %) | 4,08/3,20(160/125)             | 4,08/3,20(160/125)    | 4,08/3,20(160/125)            | 4,08/3,20(160/125)    | 3,83/3,20(150/125)    |
|                                                             | Energy class <sup>1)</sup> |                         | A+++ to D                      | A++ to A++            | A++ to A++                    | A++ to A++            | A++ to A++            |
| <b>Indoor unit</b>                                          |                            |                         | <b>WH-ADC1216H6E5</b>          | <b>WH-ADC1216H6E5</b> | <b>WH-ADC0916H9E8</b>         | <b>WH-ADC0916H9E8</b> | <b>WH-ADC0916H9E8</b> |
| Sound pressure                                              | Heat / Cool                | dB(A)                   | 33/33                          | 33/33                 | 33/33                         | 33/33                 | 33/33                 |
| Dimension                                                   | HxWxD                      | mm                      | 1800x598x717                   | 1800x598x717          | 1800x598x717                  | 1800x598x717          | 1800x598x717          |
| Net weight                                                  |                            | kg                      | 124                            | 124                   | 126                           | 126                   | 126                   |
| Water pipe connector                                        |                            | Inch                    | R 1 1/4                        | R 1 1/4               | R 1 1/4                       | R 1 1/4               | R 1 1/4               |
| A class pump                                                | Number of speeds           |                         | Variable Speed                 | Variable Speed        | Variable Speed                | Variable Speed        | Variable Speed        |
|                                                             | Input power (Min/Max)      | W                       | 36/152                         | 36/152                | 36/152                        | 36/152                | 36/152                |
| Heating water flow (ΔT=5 K, 35 °C)                          |                            | L/min                   | 25,8                           | 34,4                  | 25,8                          | 34,4                  | 45,9                  |
| Electric backup heater                                      |                            | kW                      | 6,00                           | 6,00                  | 9,00                          | 9,00                  | 9,00                  |
| Recommended fuse                                            |                            | A                       | 30/30                          | 30/30                 | 16/16                         | 16/16                 | 16/16                 |
| Recommended minimum cable size, supply 1 / 2 <sup>2)</sup>  |                            | mm <sup>2</sup>         | 3x4,0/3x4,0                    | 3x4,0/3x4,0           | 5x1,5/5x1,5                   | 5x1,5/5x1,5           | 5x1,5/5x1,5           |
| Water volume                                                |                            | L                       | 185                            | 185                   | 185                           | 185                   | 185                   |
| Maximum DHW temperature                                     |                            | °C                      | 65                             | 65                    | 65                            | 65                    | 65                    |
| Material inside tank                                        |                            |                         | Stainless steel                | Stainless steel       | Stainless steel               | Stainless steel       | Stainless steel       |
| Tapping profile according EN16147                           |                            |                         | L                              | L                     | L                             | L                     | L                     |
| DHW tank ERP efficiency average / warm / cold <sup>3)</sup> |                            | A+ to F                 | A/A/A                          | A/A/A                 | A/A/A                         | A/A/A                 | A/A/B                 |
| DHW tank ERP average climate η / COPdHW                     | η <sub>wh</sub> % / COPdHW |                         | 95/2,37                        | 95/2,37               | 95/2,37                       | 95/2,37               | 91/2,27               |
| DHW tank ERP warm climate η / COPdHW                        | η <sub>wh</sub> % / COPdHW |                         | 110/2,75                       | 110/2,75              | 110/2,75                      | 110/2,75              | 107/2,67              |
| DHW tank ERP cold climate η / COPdHW                        | η <sub>wh</sub> % / COPdHW |                         | 75/1,87                        | 75/1,87               | 75/1,87                       | 75/1,87               | 72/1,80               |
| <b>Outdoor unit</b>                                         |                            |                         | <b>WH-UX09HE5</b>              | <b>WH-UX12HE5</b>     | <b>WH-UX09HE8</b>             | <b>WH-UX12HE8</b>     | <b>WH-UX16HE8</b>     |
| Sound power <sup>4)</sup>                                   | Heat                       | dB(A)                   | 66                             | 66                    | 65                            | 65                    | 67                    |
| Dimension / Net weight                                      | HxWxD                      | mm / kg                 | 1340x900x320/101               | 1340x900x320/101      | 1340x900x320/108              | 1340x900x320/108      | 1340x900x320/118      |
| Refrigerant (R410A) / CO <sub>2</sub> Eq.                   |                            | kg / T                  | 2,85/5,951                     | 2,85/5,951            | 2,85/5,951                    | 2,85/5,951            | 2,90/6,055            |
| Piping diameter                                             | Liquid / Gas               | 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)  |
| Pipe length range / Elevation difference (in / out)         |                            | m / m                   | 3~30/20                        | 3~30/20               | 3~30/20                       | 3~30/20               | 3~30/20               |
| Pre-charged pipe length / Additional gas amount             |                            | m / g/m                 | 10/50                          | 10/50                 | 10/50                         | 10/50                 | 10/50                 |
| Operating range - outdoor ambient                           | Heat                       | °C                      | -28~+35                        | -28~+35               | -28~+35                       | -28~+35               | -28~+35               |
|                                                             | Cool                       | °C                      | +16~+43                        | +16~+43               | +16~+43                       | +16~+43               | +16~+43               |
| Water outlet                                                | Heat / Cool                | °C                      | 20~60/5~20                     | 20~60/5~20            | 20~60/5~20                    | 20~60/5~20            | 20~60/5~20            |

1) Scale from A+++ to D. 2) Check local regulations. 3) Scale from A+ to F. 4) Sound power in accordance to 811/2013, 813/2013 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.

| Accessories             |                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------|
| <b>PAW-ADC-PREKIT-1</b> | Piping pre installation kit for J Generation                                         |
| <b>CZ-TAW1B</b>         | Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN |
| <b>CZ-TAW1-CBL</b>      | 10 m extension cable for CZ-TAW1B                                                    |

| Accessories               |                              |
|---------------------------|------------------------------|
| <b>CZ-NS4P</b>            | Additional functions PCB     |
| <b>PAW-A2W-MGTFILTER</b>  | Magnet for the water filter  |
| <b>PAW-A2W-RTWIRED</b>    | Room thermostat              |
| <b>PAW-A2W-RTWIRELESS</b> | Wireless LCD room thermostat |



INTERNET CONTROL: Optional.

## Aquarea T-CAP All in One H Generation Three phase. Super Quiet outdoor unit. Heating and Cooling - R410A

**Energy efficiency:** A+++ in heating at 35 °C and A+ in DHW / "A" water pump with variable speed / Stainless steel DHW tank with U-Vacua™ insulation panel / Built-in flow meter.

**Flexibility:** Optional magnet for the water filter.

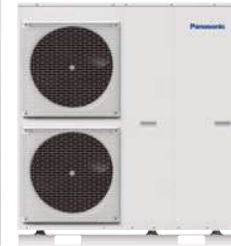
**Comfort:** Low noise level / Constant capacity down to -20 °C / Operating range down to -28 °C / 60 °C water outlet temperature.

**Control:** Additional functions with optional PCB [2 zone control, bivalent control, Smart Grid contact and more].

**Connectivity:** Optional Aquarea Smart and Service Cloud and integration into BMS projects.



011-1W0510  
011-1W0511



A+++  
ErP 55 °C  
Scale from  
A+++ to D

A+++  
ErP 35 °C  
Scale from  
A+++ to D

A  
DHW  
Scale from  
A+ to F

|                                                             |                            |                           | Three phase (power to indoor) |                      |                      |
|-------------------------------------------------------------|----------------------------|---------------------------|-------------------------------|----------------------|----------------------|
| Kit                                                         |                            |                           | KIT-AQC09HE8                  | KIT-AQC12HE8         | KIT-AQC16HE8         |
| Heating capacity / COP (A +7 °C, W 35 °C)                   |                            | kW / COP                  | 9,00/4,84                     | 12,00/4,74           | 16,00/4,28           |
| Heating capacity / COP (A +7 °C, W 55 °C)                   |                            | kW / COP                  | 9,00/2,94                     | 12,00/2,88           | 16,00/2,71           |
| Heating capacity / COP (A +2 °C, W 35 °C)                   |                            | kW / COP                  | 9,00/3,59                     | 12,00/3,44           | 16,00/3,10           |
| Heating capacity / COP (A +2 °C, W 55 °C)                   |                            | kW / COP                  | 9,00/2,21                     | 12,00/2,19           | 16,00/2,13           |
| Heating capacity / COP (A -7 °C, W 35 °C)                   |                            | kW / COP                  | 9,00/2,85                     | 12,00/2,72           | 16,00/2,49           |
| Heating capacity / COP (A -7 °C, W 55 °C)                   |                            | kW / COP                  | 9,00/2,02                     | 12,00/1,92           | 16,00/1,86           |
| Cooling capacity / EER (A 35 °C, W 7 °C)                    |                            | kW / EER                  | 7,00/3,17                     | 10,00/2,81           | 12,20/2,57           |
| Cooling capacity / EER (A 35 °C, W 18 °C)                   |                            | kW / EER                  | 7,00/5,19                     | 10,00/5,13           | 12,20/3,49           |
| Heating average climate<br>(W 35 °C / W 55 °C)              | Seasonal energy efficiency | SCOP (η <sub>s</sub> %)   | 4,59/3,32[181/130]            | 4,32/3,32[170/130]   | 4,08/3,20[160/125]   |
|                                                             | Energy class <sup>1)</sup> | A+++ to D                 | A+++ /A++                     | A++ /A++             | A++ /A++             |
| Heating warm climate<br>(W 35 °C / W 55 °C)                 | Seasonal energy efficiency | SCOP (η <sub>s</sub> %)   | 5,95/4,02[235/158]            | 5,86/4,02[231/158]   | 5,86/4,05[231/159]   |
|                                                             | Energy class <sup>1)</sup> | A+++ to D                 | A+++ /A+++                    | A+++ /A+++           | A+++ /A+++           |
| Heating cold climate<br>(W 35 °C / W 55 °C)                 | Seasonal energy efficiency | SCOP (η <sub>s</sub> %)   | 4,08/3,20[160/125]            | 4,08/3,20[160/125]   | 3,83/3,20[150/125]   |
|                                                             | Energy class <sup>1)</sup> | A+++ to D                 | A++ /A++                      | A++ /A++             | A++ /A++             |
| Indoor unit                                                 |                            |                           | WH-ADC0916H9E8                | WH-ADC0916H9E8       | WH-ADC0916H9E8       |
| Sound pressure                                              | Heat / Cool                | dB(A)                     | 33/33                         | 33/33                | 33/33                |
| Dimension                                                   | HxWxD                      | mm                        | 1800x598x717                  | 1800x598x717         | 1800x598x717         |
| Net weight                                                  |                            | kg                        | 126                           | 126                  | 126                  |
| Water pipe connector                                        |                            | Inch                      | R 1¼                          | R 1¼                 | R 1¼                 |
| A class pump                                                | Number of speeds           |                           | Variable Speed                | Variable Speed       | Variable Speed       |
|                                                             | Input power (Min/Max)      | W                         | 36/152                        | 36/152               | 36/152               |
| Heating water flow (ΔT=5 K, 35 °C)                          |                            | L/min                     | 25,8                          | 34,4                 | 45,9                 |
| Electric backup heater                                      |                            | kW                        | 9,00                          | 9,00                 | 9,00                 |
| Recommended fuse                                            |                            | A                         | 16/16                         | 16/16                | 16/16                |
| Recommended minimum cable size, supply 1 / 2 <sup>2)</sup>  |                            | mm²                       | 5x1,5/5x1,5                   | 5x1,5/5x1,5          | 5x1,5/5x1,5          |
| Water volume                                                |                            | L                         | 185                           | 185                  | 185                  |
| Maximum DHW temperature                                     |                            | °C                        | 65                            | 65                   | 65                   |
| Material inside tank                                        |                            |                           | Stainless steel               | Stainless steel      | Stainless steel      |
| Tapping profile according EN16147                           |                            |                           | L                             | L                    | L                    |
| DHW tank ERP efficiency average / warm / cold <sup>3)</sup> |                            | A+ to F                   | A/A/A                         | A/A/A                | A/A/B                |
| DHW tank ERP average climate η / COPdHW                     |                            | η <sub>wh</sub> %/COPdHW  | 95/2,37                       | 95/2,37              | 91/2,27              |
| DHW tank ERP warm climate η / COPdHW                        |                            | η <sub>wh</sub> %/COPdHW  | 110/2,75                      | 110/2,75             | 107/2,67             |
| DHW tank ERP cold climate η / COPdHW                        |                            | η <sub>wh</sub> %/COPdHW  | 75/1,87                       | 75/1,87              | 72/1,80              |
| Outdoor unit                                                |                            |                           | WH-UQ09HE8                    | WH-UQ12HE8           | WH-UQ16HE8           |
| Sound power <sup>4)</sup>                                   | Heat                       | dB(A)                     | 58                            | 58                   | 62                   |
| Dimension / Net weight                                      | HxWxD                      | mm / kg                   | 1410 x 1283x320/151           | 1410x1283x320/151    | 1410x1283x320/161    |
| Refrigerant (R410A) / CO <sub>2</sub> Eq.                   |                            | kg / T                    | 2,85/5,951                    | 2,85/5,951           | 2,99/6,243           |
| Piping diameter                                             |                            | Liquid / Gas<br>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) |
| Pipe length range / Elevation difference (in / out)         |                            | m / m                     | 3~30/20                       | 3~30/20              | 3~30/20              |
| Pre-charged pipe length / Additional gas amount             |                            | m / g/m                   | 10/50                         | 10/50                | 10/50                |
| Operating range - outdoor ambient                           | Heat                       | °C                        | -28 ~ +35                     | -28 ~ +35            | -28 ~ +35            |
|                                                             | Cool                       | °C                        | +16 ~ +43                     | +16 ~ +43            | +16 ~ +43            |
| Water outlet                                                |                            | Heat / Cool               | °C                            | 20 ~ 60/5 ~ 20       | 20 ~ 60/5 ~ 20       |

1) Scale from A+++ to D. 2) Check local regulations. 3) Scale from A+ to F. 4) Sound power in accordance to 811/2013, 813/2013 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.

| Accessories             |                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------|
| <b>PAW-ADC-PREKIT-1</b> | Piping pre installation kit for J Generation                                         |
| <b>CZ-TAW1B</b>         | Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN |
| <b>CZ-TAW1-CBL</b>      | 10 m extension cable for CZ-TAW1B                                                    |

| Accessories              |                              |
|--------------------------|------------------------------|
| <b>CZ-NS4P</b>           | Additional functions PCB     |
| <b>PAW-A2W-MGTFILTER</b> | Magnet for the water filter  |
| <b>PAW-A2W-RTWIRED</b>   | Room thermostat              |
| <b>PAW-A2W-RTWIREESS</b> | Wireless LCD room thermostat |



INTERNET CONTROL: Optional.

## Aquarea T-CAP All in One Compact H Generation Single phase. Heating and Cooling - R410A

**Energy efficiency:** A+++ in heating at 35 °C and A in DHW / "A" water pump with variable speed / Stainless steel DHW tank with U-Vacua™ insulation panel / Built-in flow meter.

**Flexibility:** 598 x 600 footprint / Built-in magnetic water filter.

**Comfort:** Constant capacity down to -20 °C / Operating range down to -28 °C / 60 °C water outlet temperature.

**Control:** Additional functions with optional PCB (2 zone control, bivalent control, Smart Grid contact and more).

**Connectivity:** Optional Aquarea Smart and Service Cloud and integration into BMS projects.



A++

ErP 55 °C  
Scale from  
A+++ to D

A+++

ErP 35 °C  
Scale from  
A+++ to D

A

DHW  
Scale from  
A+ to F

### Single phase (power to indoor)

| Kit                                                         |                            |                            | KIT-AXC09HE5C            | KIT-AXC12HE5C            |
|-------------------------------------------------------------|----------------------------|----------------------------|--------------------------|--------------------------|
| Heating capacity / COP [A +7 °C, W 35 °C]                   |                            | kW / COP                   | 9,00/4,84                | 12,00/4,74               |
| Heating capacity / COP [A +7 °C, W 55 °C]                   |                            | kW / COP                   | 9,00/2,94                | 12,00/2,88               |
| Heating capacity / COP [A +2 °C, W 35 °C]                   |                            | kW / COP                   | 9,00/3,59                | 12,00/3,44               |
| Heating capacity / COP [A +2 °C, W 55 °C]                   |                            | kW / COP                   | 9,00/2,21                | 12,00/2,19               |
| Heating capacity / COP [A -7 °C, W 35 °C]                   |                            | kW / COP                   | 9,00/2,85                | 12,00/2,72               |
| Heating capacity / COP [A -7 °C, W 55 °C]                   |                            | kW / COP                   | 9,00/2,02                | 12,00/1,92               |
| Cooling capacity / EER [A 35 °C, W 7 °C]                    |                            | kW / EER                   | 7,00/3,17                | 10,00/2,81               |
| Cooling capacity / EER [A 35 °C, W 18 °C]                   |                            | kW / EER                   | 7,00/5,19                | 10,00/5,13               |
| Heating average climate<br>(W 35 °C / W 55 °C)              | Seasonal energy efficiency | SCOP (η <sub>s</sub> , %)  | 4,59/3,32 [181 / 130]    | 4,32/3,32 [170 / 130]    |
|                                                             | Energy class <sup>1)</sup> | A+++ to D                  | A+++ / A++               | A++ / A++                |
| Heating warm climate<br>(W 35 °C / W 55 °C)                 | Seasonal energy efficiency | SCOP (η <sub>s</sub> , %)  | 5,95/4,02 [235 / 158]    | 5,86/4,02 [231 / 158]    |
|                                                             | Energy class <sup>1)</sup> | A+++ to D                  | A+++ / A+++              | A+++ / A+++              |
| Heating cold climate<br>(W 35 °C / W 55 °C)                 | Seasonal energy efficiency | SCOP (η <sub>s</sub> , %)  | 4,08/3,20 [160 / 125]    | 4,08/3,20 [160 / 125]    |
|                                                             | Energy class <sup>1)</sup> | A+++ to D                  | A++ / A++                | A++ / A++                |
| Indoor unit                                                 |                            |                            | WH-ADC1216H6E5C          | WH-ADC1216H6E5C          |
| Sound pressure                                              | Heat / Cool                | dB(A)                      | 33/33                    | 33/33                    |
| Dimension                                                   | HxWxD                      | mm                         | 1642x599x602             | 1642x599x602             |
| Net weight                                                  |                            | kg                         | 101                      | 101                      |
| Water pipe connector                                        |                            | Inch                       | R 1¼                     | R 1¼                     |
| A class pump                                                | Number of speeds           |                            | Variable Speed           | Variable Speed           |
|                                                             | Input power (Min/Max)      | W                          | — / —                    | — / —                    |
| Heating water flow (ΔT=5 K, 35 °C)                          |                            | L/min                      | 25,80                    | 34,40                    |
| Electric backup heater                                      |                            | kW                         | 6,00                     | 6,00                     |
| Recommended fuse                                            |                            | A                          | — / —                    | — / —                    |
| Recommended minimum cable size, supply 1 / 2 <sup>2)</sup>  |                            | mm²                        | — / —                    | — / —                    |
| Water volume                                                |                            | L                          | 185                      | 185                      |
| Maximum DHW temperature                                     |                            | °C                         | 65                       | 65                       |
| Material inside tank                                        |                            |                            | Stainless steel          | Stainless steel          |
| Tapping profile according EN16147                           |                            |                            | —                        | —                        |
| DHW tank ERP efficiency average / warm / cold <sup>3)</sup> |                            | A+ to F                    | — / — / —                | — / — / —                |
| DHW tank ERP average climate η / COPdHW                     |                            | η <sub>wh</sub> % / COPdHW | 92/2,30                  | 92/2,30                  |
| DHW tank ERP warm climate η / COPdHW                        |                            | η <sub>wh</sub> % / COPdHW | 107/2,67                 | 107/2,67                 |
| DHW tank ERP cold climate η / COPdHW                        |                            | η <sub>wh</sub> % / COPdHW | 72/1,81                  | 72/1,81                  |
| Outdoor unit                                                |                            |                            | WH-UX09HE5               | WH-UX12HE5               |
| Sound power <sup>4)</sup>                                   | Heat                       | dB(A)                      | 66                       | 66                       |
| Dimension / Net weight                                      | HxWxD                      | mm / kg                    | 1340x900x320 / 101       | 1340x900x320 / 101       |
| Refrigerant (R410A) / CO <sub>2</sub> Eq.                   |                            | kg / T                     | 2,85/5,951               | 2,85/5,951               |
| Piping 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 / m                      | 3 ~ 30 / 20              | 3 ~ 30 / 20              |
| Pre-charged pipe length / Additional gas amount             |                            | m / g/m                    | 10 / 50                  | 10 / 50                  |
| Operating range - outdoor ambient                           | Heat                       | °C                         | -28 ~ +35                | -28 ~ +35                |
|                                                             | Cool                       | °C                         | +16 ~ +43                | +16 ~ +43                |
| Water outlet                                                | Heat / Cool                | °C                         | 20 ~ 60 / 5 ~ 20         | 20 ~ 60 / 5 ~ 20         |

1) Scale from A+++ to D. 2) Check local regulations. 3) Scale from A+ to F. 4) Sound power in accordance to 811/2013, 813/2013 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.

#### Accessories

|                    |                                                                                      |
|--------------------|--------------------------------------------------------------------------------------|
| <b>CZ-TAW1B</b>    | Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN |
| <b>CZ-TAW1-CBL</b> | 10 m extension cable for CZ-TAW1B                                                    |

#### Accessories

|                           |                              |
|---------------------------|------------------------------|
| <b>CZ-NS4P</b>            | Additional functions PCB     |
| <b>PAW-A2W-RTWIRED</b>    | Room thermostat              |
| <b>PAW-A2W-RTWIRELESS</b> | Wireless LCD room thermostat |



INTERNET CONTROL: Optional.