## Flexible installation, suitable for retrofit and new buildings.

**Thanks to its new, modular concept, the outdoor unit can function independently with just an indoor remote control, for those seeking basic functionalities. Homeowners can opt for enhanced functionality by incorporating the more advanced control module or selecting between a Bi-bloc or All in One indoor units.**

**Available in 120 L,185 L and 260 L DHW tank.**

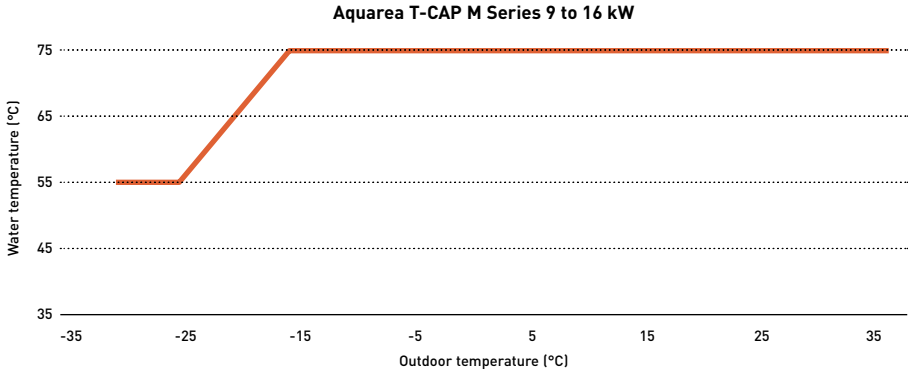


| | Remote controller | Control module | Bi-bloc (available from 9 to 16 kW) | All in One (available from 9 to 16 kW) |
|---|---|---|---|---|
| **CN-CNT** | ✔ (1) | ✔ (2) | ✔ (2) | ✔ (2) |
| **Backup heater** | — | Field supply | ✔ | ✔ |
| **Expansion vessel (10 L)** | — | — | ✔ | ✔ |
| **Additional functions** | — | CZ-NS7P | CZ-NS6P | CZ-NS6P |

## Output water. High performance under extreme conditions

**Excellent solution for heating system retrofit.**
The compressor operates without backup heating down to -28 °C* ambient temperatures, and can be integrated alongside existing radiators with a high-water flow temperature of up to 75 °C at -15 °C outside temperature. Even at -28 °C* outside temperature, it can supply hot water at 55 °C.

*For M Series T-CAP (WH-WXG**). In case of M Series High Performance (WH-WDG**) operation down to -25 °C.




## High energy efficiency in heating and domestic hot water

The Aquarea M Series saves energy and significantly reduces operating cost by achieving the highest ErP energy rating. Aquarea M Series can reach a domestic hot water temperature of up to 65 °C without the use of the electric heater, so the tank sterilisation can be performed with the heat pump operation for further energy savings.

*Rating conditions: Heating: Inside air temperature: 20 °C Dry Bulb / Outside air temperature: 7 °C Dry Bulb / 6 °C Wet Bulb. Conditions: Water input temperature: 30 °C / Water output temperature: 35 °C. Energy rating for WH-WXG12ME8.

A+ **ENERGY EFFICIENCY CLASS UP TO A+.**
SCALE FROM A+ TO F.

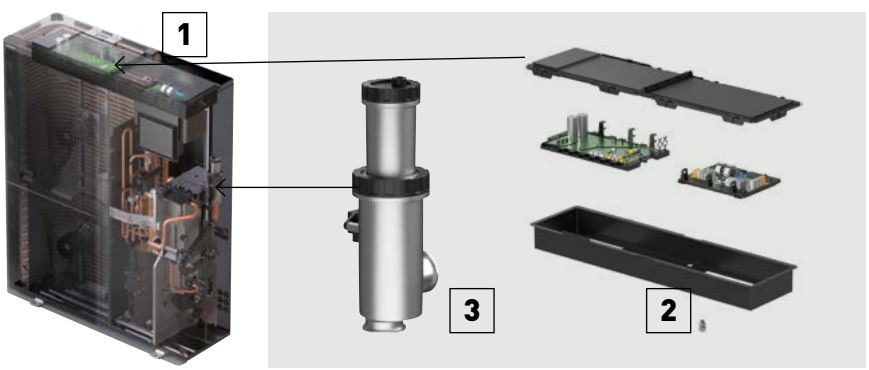
A+++ A++ **ERP 35 °C / 55 °C. ENERGY EFFICIENCY CLASS UP TO A+++/A++.**
SCALE FROM A+++ TO D.

## Great serviceability

Cutting-edge outdoor unit design keeps the PCB in a safe and accessible location.

**Aquarea M Series safety optimisation.**
**1 |** Non-flammable control box
**2 |** Power box cable gland with sealed connections
**3 |** Air/refrigerant separator

*This image applies to 9, 12 and 16 kW.



# Aquarea Hydraulic

| Aquarea T-CAP | | 9 kW | 12 kW | 16 kW | 20 kW | 25 kW | 30 kW |
|---|---|---|---|---|---|---|---|
| P. 70 , 72 | R290 **All in One · R290 1ph - 3ph** |  WH-ADC0916M3E51<br>WH-ADC0916M3E52 [1]<br>WH-ADC0916M3E5AN2<br>WH-ADC0916M3E53 [1]<br>WH-ADC0916M3E5AN3<br>WH-ADC0316M9E81<br>WH-ADC0316M9E82<br>WH-ADC0316M9E8AN2<br>WH-ADC0316M9E83<br>WH-ADC0316M9E8AN3<br>WH-WXG09ME5<br>WH-WXG09ME8 |  WH-ADC0916M3E51<br>WH-ADC0916M3E52 [1]<br>WH-ADC0916M3E5AN2<br>WH-ADC0916M3E53 [1]<br>WH-ADC0916M3E5AN3<br>WH-ADC0316M9E81<br>WH-ADC0316M9E82<br>WH-ADC0316M9E8AN2<br>WH-ADC0316M9E83<br>WH-ADC0316M9E8AN3<br>WH-WXG12ME5<br>WH-WXG12ME8 |  WH-ADC0316M9E81<br>WH-ADC0316M9E82<br>WH-ADC0316M9E8AN2<br>WH-ADC0316M9E83<br>WH-ADC0316M9E8AN3<br>WH-WXG16ME8 | | | |
| P. 70 , 72 | R290 **Bi-bloc · R290 1ph - 3ph** |  WH-SDC0916M3E5 [1]<br>WH-SDC0316M9E8<br>WH-WXG09ME5<br>WH-WXG09ME8 |  WH-SDC0916M3E5 [1]<br>WH-SDC0316M9E8<br>WH-WXG12ME5<br>WH-WXG12ME8 |  WH-SDC0316M9E8<br>WH-WXG16ME8 | | | |
| P. 70 , 72 | R290 **Control module · R290 1ph - 3ph** |  WH-CME5<br>WH-CME8<br>WH-WXG09ME5<br>WH-WXG09ME8 |  WH-CME5<br>WH-CME8<br>WH-WXG12ME5<br>WH-WXG12ME8 |  WH-CME8<br>WH-WXG16ME8 |  WH-CME8L<br>WH-WXG20ME8 |  WH-CME8L<br>WH-WXG25ME8 |  WH-CME8L<br>WH-WXG30ME8 |
| P. 70 , 72 | R290 **Stand-alone · R290 [2] 1ph - 3ph** |  WH-WXG09ME5<br>WH-WXG09ME8 |  WH-WXG12ME5<br>WH-WXG12ME8 |  WH-WXG16ME8 |  WH-WXG20ME8 |  WH-WXG25ME8 |  WH-WXG30ME8 |
| P. 74 | **Mono-bloc · R32 1ph - 3ph** |  WH-MXC09J3E5-1<br>WH-MXC09J3E8-1 |  WH-MXC12J6E5-1<br>WH-MXC12J9E8-1 |  WH-MXC16J9E8-1 | | | |

Models with R290 refrigerant. Models with R32 refrigerant.
1) Also available with other backup heater capacities. 2) Requires CZ-RTW2TAW1C.
WH-__E5 1ph // WH-__E8 3ph.

## Aquarea T-CAP Hydraulic M Series outdoor units.

| Outdoor unit | | | WH-WXG09ME5 | WH-WXG12ME5 | WH-WXG09ME8 | WH-WXG12ME8 | WH-WXG16ME8 |
|---|---|---|---|---|---|---|---|
| Heating capacity / COP (A +7 °C, W 35 °C) | | kW / COP | 9,00/5,23 | 12,00/5,06 | 9,00/5,23 | 12,00/5,06 | 16,00/4,89 |
| Heating capacity / COP (A +7 °C, W 55 °C) | | kW / COP | 9,00/3,24 | 12,00/3,23 | 9,00/3,24 | 12,00/3,23 | 16,00/3,20 |
| Heating capacity / COP (A +2 °C, W 35 °C) | | kW / COP | 9,00/3,81 | 12,00/3,54 | 9,00/3,81 | 12,00/3,54 | 16,00/3,30 |
| Heating capacity / COP (A +2 °C, W 55 °C) | | kW / COP | 9,00/2,54 | 12,00/2,42 | 9,00/2,54 | 12,00/2,42 | 16,00/2,37 |
| Heating capacity / COP (A -7 °C, W 35 °C) | | kW / COP | 9,00/3,45 | 12,00/3,00 | 9,00/3,45 | 12,00/3,00 | 16,00/2,53 |
| Heating capacity / COP (A -7 °C, W 55 °C) | | kW / COP | 9,00/2,35 | 12,00/2,17 | 9,00/2,35 | 12,00/2,17 | 16,00/1,97 |
| Cooling capacity / EER (A 35 °C, W 7 °C) | | kW / EER | 9,00/3,61 | 9,00/3,61 | 9,00/3,61 | 9,00/3,61 | 9,00/3,61 |
| Cooling capacity / EER (A 35 °C, W 18 °C) | | kW / EER | 9,00/5,26 | 12,00/5,26 | 9,00/5,26 | 12,00/5,26 | 16,00/5,26 |
| Heating average climate (W 35 °C / W 55 °C) | Seasonal energy efficiency | SCOP ($\eta_s$ %) | 4,96/3,57(195/140) | 5,00/3,46(197/135) | 5,00/3,50(197/137) | 4,73/3,65(186/143) | 4,75/3,70(187/115) |
| | Energy class [1] | A+++ to D | A+++/A++ | A+++/A++ | A+++/A++ | A+++/A++ | A+++/A++ |
| Heating warm climate (W 35 °C / W 55 °C) | Seasonal energy efficiency | SCOP ($\eta_s$ %) | 6,47/4,34(256/171) | 6,47/4,34(256/171) | 6,33/4,40(250/173) | 6,20/4,40(245/173) | 6,08/4,45(240/175) |
| | Energy class [1] | A+++ to D | A+++/A+++ | A+++/A+++ | A+++/A+++ | A+++/A+++ | A+++/A+++ |
| Heating cold climate (W 35 °C / W 55 °C) | Seasonal energy efficiency | SCOP ($\eta_s$ %) | 4,31/3,26(169/127) | 4,31/3,26(169/127) | 4,45/3,20(175/125) | 4,38/3,25(172/127) | 4,33/3,40(170/133) |
| | Energy class [1] | A+++ to D | A++/A++ | A++/A++ | A+++/A++ | A++/A++ | A++/A++ |
| Sound power [2] | Heat | dB(A) | 52 | 53 | 52 | 53 | 57 |
| Dimension | H x W x D | mm | 1520 x 1200 x 430 | 1520 x 1200 x 430 | 1520 x 1200 x 430 | 1520 x 1200 x 430 | 1520 x 1200 x 430 |
| Net weight | | kg | 161 | 161 | 161 | 161 | 165 |
| A class pump | Number of speeds | | Variable speed | Variable speed | Variable speed | Variable speed | Variable speed |
| | Input power (Min/Max) | W | 30/175 | 30/175 | 30/175 | 30/175 | 30/175 |
| Heating water flow (ΔT=5 K. 35 °C) | | L/min | 25,8 | 34,4 | 25,8 | 34,4 | 45,9 |
| Refrigerant (R290) / $CO_2$ Eq. [3] | | kg / T | 1,78/0,00004 | 1,78/0,00004 | 1,78/0,00004 | 1,78/0,00004 | 1,78/0,00004 |
| Operating range - outdoor ambient | Heat | °C | -28 ~ +35 | -28 ~ +35 | -28 ~ +35 | -28 ~ +35 | -28 ~ +35 |
| | Cool | °C | +10 ~ +43 | +10 ~ +43 | +10 ~ +43 | +10 ~ +43 | +10 ~ +43 |
| | DHW | °C | -28 ~ +43 | -28 ~ +43 | -28 ~ +43 | -28 ~ +43 | -28 ~ +43 |
| Water outlet | Heat / Cool | °C | 25 ~ 75 [4] / 5 ~20 | 25 ~ 75 [4] / 5 ~20 | 25 ~ 75 [4] / 5 ~20 | 25 ~ 75 [4] / 5 ~20 | 25 ~ 75 [4]) / 5 ~20 |
| Recommended fuse, supply [5] | | A | 30 | 30 | 20 | 20 | 25 |
| Recommended minimum cable size, supply [5] | | mm² | 3x4,0 | 3x4,0 | 5x1,5 | 5x1,5 | 5x2,5 |

1) Scale from A+++ to D. 2) Sound power level in accordance to EN 12102 under conditions of the EN14825 (part load). 3) WH-WXG models are hermetically sealed. 4) Above -15 °C outdoor temperature. Between outdoor ambient -15 °C and -25 °C, the water outlet temperature gradually decreases from 75 °C to 55 °C. Below -25 °C outdoor temperature maximum water outlet temperature is 55 °C. 5) Check local regulations. *EER and COP calculation is based in accordance to EN 14511.

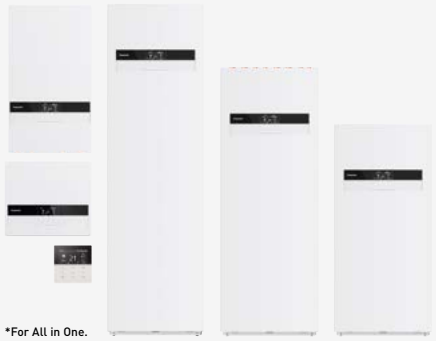
## Big Aquarea T-CAP Hydraulic M Series outdoor units.

| Outdoor unit | | | WH-WXG20ME8 | WH-WXG25ME8 | WH-WXG30ME8 |
|---|---|---|---|---|---|
| Heating capacity / COP (A +7 °C, W 35 °C) | | kW / COP | 20,00/4,80 | 25,00/4,50 | 30,00/4,40 |
| Heating capacity / COP (A +7 °C, W 55 °C) | | kW / COP | 20,00/3,18 | 25,00/3,00 | 30,00/3,00 |
| Heating capacity / COP (A +2 °C, W 35 °C) | | kW / COP | 20,00/3,39 | 25,00/2,80 | 30,00/2,50 |
| Heating capacity / COP (A +2 °C, W 55 °C) | | kW / COP | 20,00/2,08 | 25,00/1,97 | 30,00/1,95 |
| Heating capacity / COP (A -7 °C, W 35 °C) | | kW / COP | 20,00/2,48 | 25,00/2,36 | 30,00/2,33 |
| Heating capacity / COP (A -7 °C, W 55 °C) | | kW / COP | 20,00/1,90 | 25,00/1,80 | 30,00/1,49 |
| Cooling capacity / EER (A 35 °C, W 7 °C) at Comfort mode | | kW / EER | 20,00/3,02 | 25,00/2,86 | 26,00/2,68 |
| Cooling capacity / EER (A 35 °C, W 7 °C) at Efficiency mode (default) | | kW / EER | 15,00/3,61 | 15,00/3,61 | 15,00/3,61 |
| Cooling capacity / EER (A 35 °C, W 18 °C) at Comfort mode | | kW / EER | 20,00/4,79 | 25,00/4,47 | 30,00/4,10 |
| Heating average climate (W 35 °C / W 55 °C) | Seasonal energy efficiency | SCOP ($\eta_s$ %) | 4,36/3,59 (171/141) | 4,25/3,57 (167/140) | 3,95/3,46 (155/135) |
| | Energy class [1] | A+++ to D | A++/A++ | A++/A++ | A++/A++ |
| Heating warm climate (W 35 °C / W 55 °C) | Seasonal energy efficiency | SCOP ($\eta_s$ %) | 5,37/4,07 (212/160) | 5,22/4,14 (206/163) | 4,93/4,01 (194/158) |
| | Energy class [1] | A+++ to D | A+++/A+++ | A+++/A+++ | A+++/A+++ |
| Heating cold climate (W 35 °C / W 55 °C) | Seasonal energy efficiency | SCOP ($\eta_s$ %) | 3,07/2,57 (120/100) | 3,16/2,71 (123/105) | 3,20/2,71 (125/105) |
| | Energy class [1] | A+++ to D | A/A+ | A+/A+ | A+/A+ |
| Sound power [2] | Heat | dB(A) | 56 | 59 | 61 |
| Dimension | H x W x D | mm | 1645 x 1500 x 460 | 1645 x 1500 x 460 | 1645 x 1500 x 460 |
| Net weight | | kg | 240 | 240 | 240 |
| A class pump | Number of speeds | | Variable speed | Variable speed | Variable speed |
| | Input power (Min/Max) | W | 230 | 230 | 230 |
| Heating water flow (ΔT=5 K. 35 °C) | | L/min | 57,3 | 71,6 | 86,0 |
| Refrigerant (R290) / $CO_2$ Eq. [3] | | kg / T | 3,0/0,00006 | 3,0/0,00006 | 3,0/0,00006 |
| Operating range - outdoor ambient | Heat | °C | -25 ~ +35 | -25 ~ +35 | -25 ~ +35 |
| | Cool | °C | +10 ~ +43 | +10 ~ +43 | +10 ~ +43 |
| Water outlet | Heat / Cool | °C | 20 ~ 75 [4] / 5 ~ 20 | 20 ~ 75 [4] / 5 ~ 20 | 20 ~ 75 [4] / 5 ~ 20 |
| Recommended fuse, supply [5] | | A | 50 | 50 | 50 |
| Recommended minimum cable size, supply [5] | | mm² | 5x10 - 5x16 | 5x10 - 5x16 | 5x10 - 5x16 |

1) Scale from A+++ to D. 2) Sound power level in accordance to EN 12102 under conditions of the EN14825 (part load). 3) WH-WXG models are hermetically sealed. 4) Above 15 °C ambient temperature. 5) Check local regulations. *EER and COP calculation is based in accordance to EN 14511.

## Aquarea T-CAP Hydraulic M Series indoor units. Single phase / Three phase · R290

**Natural refrigerant R290 with GWP 0,02.**
**Control:** All control functions / 2 CN-CNT ports / Optional PCB for advanced functions.
**Connectivity:** Wi-Fi adapter included for smart control via Comfort Cloud App / Optional integration into BMS.




## Control module:

**Flexibility:** Simplified installation / Minimal interior space required / Supports third-party backup heater.

| Indoor unit | | | WH-CME5 | WH-CME8 | WH-CME8L |
|---|---|---|---|---|---|
| Dimension / Net weight | H x W x D | mm / kg | 454 x 520 x 116 / 7 | 454 x 520 x 116 / 7 | 454 x 520 x 116 / 7 |
| Field supply electrical backup heater | | kW | Up to 3 kW | Up to 9 kW | Up to 18 kW |
| Recommended fuse, supply [1] | | A | 16 | 30 | ≤9 kW: 20 — 9 kW< ≤18 kW: 40 |
| Recommended minimum cable size, supply [1] | | mm² | 3x1,5 | 3x4,0 | ≤12 kW: 5x2,5<br>12 kW< ≤15 kW: 5x4,0<br>15 kW< ≤18 kW: 5x6,0 |
| Connecting cable to the outdoor unit size | | mm² | 2x0,75 | 2x0,75 | 2x0,75 |

1) Check local regulations.

## Bi-bloc:

**Flexibility:** Flexible choice of DHW tank size.

| Indoor unit | | | WH-SDC0916M3E5 | WH-SDC0916M6E5 | WH-SDC0316M9E8 |
|---|---|---|---|---|---|
| Sound pressure | Heat / Cool | dB(A) | 22 / 22 | 22 / 22 | 22 / 22 |
| Dimension / Net weight | H x W x D | mm / kg | 892 x 500 x 348 / 28 | 892 x 500 x 348 / 28 | 892 x 500 x 348 / 29 |
| Water pipe connector | Room | Inch | 1¼ | 1¼ | 1¼ |
| Water pipe connector (indoor / outdoor units) | | Inch | 1¼ / 1¼ | 1¼ / 1¼ | 1¼ / 1¼ |
| Pipe length range standard / maximum | | m | 5 / 30 | 5 / 30 | 5 / 30 |
| Elevation difference (in / out) | | m | 30 | 30 | 30 |

| Electrical information for Bi-bloc and All in One indoor units | | Single phase (3 kW heater) | Single phase (6 kW heater) | Three phase (9 kW heater) |
|---|---|---|---|---|
| Electric backup heater | kW | 3,00 | 6,00 | 9,00 |
| Recommended fuse, supply [1] | A | 16 | 30 | 20 |
| Recommended minimum cable size, supply [1] | mm² | 3x1,5 | 3x4,0 | 5x1,5 |
| Connecting cable to the outdoor unit size | mm² | 2x0,75 | 2x0,75 | 2x0,75 |

1) Check local regulations. *This product is designed to comply with the European drinking water standard (EU) 2020/2184. 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 | |
|---|---|
| **CZ-RTW2TAW1C** | Remote controller with Wi-Fi adapter (required for stand-alone outdoor units). M Series |
| **CZ-RTW2-1** | Optional remote controller for 2 zone control. M Series |
| **CZ-NS6P** | PCB for advanced functions. M Series All in One and Bi-bloc |
| **CZ-NS7P** | PCB for advanced functions. M Series control module |
| **PAW-A2W-RTWIRED** | Room thermostat |
| **PAW-A2W-RTWIRELESS** | Wireless LCD room thermostat |
| **CZ-NV3** | 3 way valve kit to fit inside the hydrokit. M Series |
| **PAW-TD20C1E5-1** | Tank 200 L - Stainless steel |
| **PAW-TD30C1E5-1** | Tank 300 L - Stainless steel |
| **PAW-TA20C1E5STD** | Tank 200 L - Enamelled |

| Accessories | |
|---|---|
| **PAW-TA30C1E5STD** | Tank 300 L - Enamelled |
| **PAW-TE50H1AE** | Tank 500 L - Enamelled DHW |
| **PAW-TE75H1AEAN** | Tank 750 L - Enamelled DHW |
| **PAW-TE90H1AEAN** | Tank 900 L - Enamelled DHW |
| **PAW-3WYVLV-HW** | 3 way valve for DHW tanks |
| **PAW-BTANK50L-2** | Buffer tank 50 L |
| **PAW-BTANK100L** | Buffer tank 100 L |
| **PAW-BTANKG200L** | Buffer tank 200 L |
| **PAW-BTANKG260L** | Buffer tank 260 L |
| **PAW-BC50FAE** | Buffer tank 500 L |
| **PAW-BC80FAE** | Buffer tank 800 L |
| **PAW-BC100FAE** | Buffer tank 1000 L |




DHW A+: For All in One.

# Heating and cooling capacity tables

**Based on outlet temperature and outside temperature.**

## Aquarea T-CAP Hydraulic M Series. Three phase · R290

| WH-WXG09ME5 | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tamb | HC | IP | COP | HC | IP | COP | HC | IP | COP | HC | IP | COP | HC | IP | COP | HC | IP | COP |
| LWC | 25 | 25 | 25 | 35 | 35 | 35 | 45 | 45 | 45 | 55 | 55 | 55 | 65 | 65 | 65 | 75 | 75 | 75 |
| -25 | 7,90 | 3,50 | 2,26 | 8,20 | 4,20 | 1,95 | 7,90 | 4,80 | 1,65 | 7,60 | 5,70 | 1,33 | — | — | — | — | — | — |
| -20 | 7,90 | 2,94 | 2,69 | 8,20 | 3,34 | 2,46 | 7,90 | 3,99 | 1,98 | 7,60 | 4,76 | 1,60 | 7,10 | 5,30 | 1,34 | — | — | — |
| -15 | 9,00 | 2,74 | 3,28 | 9,00 | 3,30 | 2,73 | 9,00 | 3,97 | 2,27 | 9,00 | 4,48 | 2,01 | 9,00 | 5,27 | 1,71 | 8,20 | 6,50 | 1,26 |
| -7 | 9,00 | 2,26 | 3,98 | 9,00 | 2,61 | 3,45 | 9,00 | 3,35 | 2,69 | 9,00 | 3,83 | 2,35 | 9,00 | 4,68 | 1,92 | 9,00 | 5,90 | 1,53 |
| 2 | 8,80 | 1,95 | 4,51 | 9,00 | 2,36 | 3,81 | 9,00 | 2,91 | 3,09 | 9,00 | 3,54 | 2,54 | 9,00 | 4,29 | 2,10 | 9,00 | 5,50 | 1,64 |
| 7 | 9,00 | 1,24 | 7,26 | 9,00 | 1,72 | 5,23 | 9,00 | 2,30 | 3,91 | 9,00 | 2,78 | 3,24 | 9,00 | 3,46 | 2,60 | 8,90 | 4,98 | 1,79 |
| 25 | 7,20 | 0,86 | 8,37 | 9,00 | 1,08 | 8,33 | 9,00 | 1,55 | 5,81 | 9,00 | 2,05 | 4,39 | 9,00 | 2,68 | 3,36 | 8,40 | 3,45 | 2,43 |
| WH-WXG12ME5 | | | | | | | | | | | | | | | | | | |
| Tamb | HC | IP | COP | HC | IP | COP | HC | IP | COP | HC | IP | COP | HC | IP | COP | HC | IP | COP |
| LWC | 25 | 25 | 25 | 35 | 35 | 35 | 45 | 45 | 45 | 55 | 55 | 55 | 65 | 65 | 65 | 75 | 75 | 75 |
| -25 | 10,20 | 4,90 | 2,08 | 10,50 | 5,55 | 1,89 | 9,50 | 5,75 | 1,65 | 8,65 | 5,90 | 1,47 | — | — | — | — | — | — |
| -20 | 11,00 | 4,25 | 2,59 | 11,20 | 4,75 | 2,36 | 10,00 | 5,00 | 2,00 | 10,00 | 5,70 | 1,75 | 9,10 | 5,80 | 1,57 | — | — | — |
| -15 | 12,00 | 4,27 | 2,81 | 12,00 | 4,56 | 2,63 | 11,50 | 5,42 | 2,12 | 11,00 | 5,50 | 2,00 | 10,00 | 5,88 | 1,70 | 9,00 | 6,10 | 1,48 |
| -7 | 11,50 | 3,68 | 3,13 | 12,00 | 4,00 | 3,00 | 12,00 | 5,02 | 2,39 | 12,00 | 5,53 | 2,17 | 11,00 | 6,01 | 1,83 | 10,00 | 6,20 | 1,61 |
| 2 | 11,50 | 2,92 | 3,94 | 12,00 | 3,39 | 3,54 | 12,00 | 4,20 | 2,86 | 12,00 | 4,95 | 2,42 | 12,00 | 5,94 | 2,02 | 10,50 | 6,20 | 1,69 |
| 7 | 12,00 | 1,93 | 6,22 | 12,00 | 2,37 | 5,06 | 12,00 | 3,13 | 3,83 | 12,00 | 3,71 | 3,23 | 12,00 | 4,62 | 2,60 | 12,00 | 6,10 | 1,97 |
| 25 | 9,80 | 1,10 | 8,91 | 12,00 | 1,40 | 8,57 | 12,00 | 2,00 | 6,00 | 12,00 | 2,60 | 4,62 | 12,00 | 3,26 | 3,68 | 12,00 | 3,92 | 3,06 |
| WH-WXG09ME8 | | | | | | | | | | | | | | | | | | |
| Tamb | HC | IP | COP | HC | IP | COP | HC | IP | COP | HC | IP | COP | HC | IP | COP | HC | IP | COP |
| LWC | 25 | 25 | 25 | 35 | 35 | 35 | 45 | 45 | 45 | 55 | 55 | 55 | 65 | 65 | 65 | 75 | 75 | 75 |
| -25 | 7,90 | 3,50 | 2,26 | 8,20 | 4,20 | 1,95 | 7,90 | 4,80 | 1,65 | 7,60 | 5,70 | 1,33 | — | — | — | — | — | — |
| -20 | 7,90 | 2,94 | 2,69 | 8,20 | 3,34 | 2,46 | 7,90 | 3,99 | 1,98 | 7,60 | 4,76 | 1,60 | 7,10 | 5,30 | 1,34 | — | — | — |
| -15 | 9,00 | 2,74 | 3,28 | 9,00 | 3,30 | 2,73 | 9,00 | 3,97 | 2,27 | 9,00 | 4,48 | 2,01 | 9,00 | 5,27 | 1,71 | 8,20 | 6,50 | 1,26 |
| -7 | 9,00 | 2,26 | 3,98 | 9,00 | 2,61 | 3,45 | 9,00 | 3,35 | 2,69 | 9,00 | 3,83 | 2,35 | 9,00 | 4,68 | 1,92 | 9,00 | 5,90 | 1,53 |
| 2 | 8,80 | 1,95 | 4,51 | 9,00 | 2,36 | 3,81 | 9,00 | 2,91 | 3,09 | 9,00 | 3,54 | 2,54 | 9,00 | 4,29 | 2,10 | 9,00 | 5,50 | 1,64 |
| 7 | 9,00 | 1,24 | 7,26 | 9,00 | 1,72 | 5,23 | 9,00 | 2,30 | 3,91 | 9,00 | 2,78 | 3,24 | 9,00 | 3,46 | 2,60 | 8,90 | 4,98 | 1,79 |
| 25 | 7,20 | 0,86 | 8,37 | 9,00 | 1,08 | 8,33 | 9,00 | 1,55 | 5,81 | 9,00 | 2,05 | 4,39 | 9,00 | 2,68 | 3,36 | 8,40 | 3,45 | 2,43 |
| WH-WXG12ME8 | | | | | | | | | | | | | | | | | | |
| Tamb | HC | IP | COP | HC | IP | COP | HC | IP | COP | HC | IP | COP | HC | IP | COP | HC | IP | COP |
| LWC | 25 | 25 | 25 | 35 | 35 | 35 | 45 | 45 | 45 | 55 | 55 | 55 | 65 | 65 | 65 | 75 | 75 | 75 |
| -25 | 10,20 | 4,90 | 2,08 | 10,50 | 5,55 | 1,89 | 9,80 | 6,70 | 1,46 | 9,70 | 7,40 | 1,31 | — | — | — | — | — | — |
| -20 | 11,00 | 4,25 | 2,59 | 11,20 | 4,75 | 2,36 | 11,00 | 5,50 | 2,00 | 10,20 | 6,45 | 1,67 | 10,30 | 7,95 | 1,36 | — | — | — |
| -15 | 12,00 | 4,27 | 2,81 | 12,00 | 4,56 | 2,63 | 12,00 | 5,67 | 2,12 | 12,00 | 6,00 | 2,00 | 12,00 | 7,06 | 1,70 | 11,00 | 8,45 | 1,30 |
| -7 | 11,50 | 3,68 | 3,13 | 12,00 | 4,00 | 3,00 | 12,00 | 5,02 | 2,39 | 12,00 | 5,53 | 2,17 | 12,00 | 6,57 | 1,83 | 11,60 | 7,30 | 1,59 |
| 2 | 11,50 | 2,92 | 3,94 | 12,00 | 3,39 | 3,54 | 12,00 | 4,20 | 2,86 | 12,00 | 4,95 | 2,42 | 12,00 | 5,94 | 2,02 | 12,00 | 7,30 | 1,64 |
| 7 | 12,00 | 1,93 | 6,22 | 12,00 | 2,37 | 5,06 | 12,00 | 3,13 | 3,83 | 12,00 | 3,71 | 3,23 | 12,00 | 4,62 | 2,60 | 12,00 | 6,10 | 1,97 |
| 25 | 9,80 | 1,10 | 8,91 | 12,00 | 1,40 | 8,57 | 12,00 | 2,00 | 6,00 | 12,00 | 2,60 | 4,62 | 12,00 | 3,26 | 3,68 | 12,00 | 3,92 | 3,06 |
| WH-WXG16ME8 | | | | | | | | | | | | | | | | | | |
| Tamb | HC | IP | COP | HC | IP | COP | HC | IP | COP | HC | IP | COP | HC | IP | COP | HC | IP | COP |
| LWC | 25 | 25 | 25 | 35 | 35 | 35 | 45 | 45 | 45 | 55 | 55 | 55 | 65 | 65 | 65 | 75 | 75 | 75 |
| -25 | 14,20 | 6,80 | 2,09 | 14,20 | 7,80 | 1,82 | 14,20 | 8,60 | 1,65 | 14,00 | 10,53 | 1,33 | — | — | — | — | — | — |
| -20 | 14,20 | 5,40 | 2,63 | 14,20 | 6,10 | 2,33 | 14,20 | 6,90 | 2,06 | 14,20 | 8,10 | 1,75 | 14,20 | 10,16 | 1,40 | — | — | — |
| -15 | 16,00 | 5,90 | 2,71 | 16,00 | 6,70 | 2,39 | 16,00 | 7,70 | 2,08 | 16,00 | 8,70 | 1,84 | 16,00 | 10,15 | 1,58 | 14,20 | 10,90 | 1,30 |
| -7 | 16,00 | 5,40 | 2,96 | 16,00 | 6,32 | 2,53 | 16,00 | 7,10 | 2,25 | 16,00 | 8,12 | 1,97 | 16,00 | 9,40 | 1,70 | 16,00 | 10,30 | 1,55 |
| 2 | 16,00 | 3,63 | 4,41 | 16,00 | 4,85 | 3,30 | 16,00 | 5,88 | 2,72 | 16,00 | 6,75 | 2,37 | 16,00 | 8,15 | 1,96 | 16,00 | 9,99 | 1,60 |
| 7 | 16,00 | 2,70 | 5,93 | 16,00 | 3,27 | 4,89 | 16,00 | 4,19 | 3,82 | 16,00 | 5,00 | 3,20 | 16,00 | 6,30 | 2,54 | 16,00 | 7,60 | 2,11 |
| 25 | 16,00 | 1,45 | 11,03 | 16,00 | 1,99 | 8,04 | 16,00 | 2,85 | 5,61 | 16,00 | 3,65 | 4,38 | 16,00 | 4,75 | 3,37 | 16,00 | 6,30 | 2,54 |

Tamb: Ambient Temperature (°C). LWC: Leaving Water Condenser Temperature (°C). HC: Heating Capacity (kW). CC: Cooling Capacity (kW). IP: Input Power (kW).
This data is measured by Panasonic in accordance with EN 14511-2 standard. This data is for reference purpose only, and does not guarantee the performance.

## Aquarea T-CAP Hydraulic M Series. Three phase · R290

| WH-WXG09ME5 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Tamb** | **CC** | **IP** | **EER** | **CC** | **IP** | **EER** | **CC** | **IP** | **EER** |
| **LWC** | **7** | **7** | **7** | **14** | **14** | **14** | **18** | **18** | **18** |
| **16** | 9,80 | 2,00 | 4,90 | 11,00 | 2,04 | 5,39 | 10,80 | 1,38 | 7,83 |
| **25** | 9,30 | 2,28 | 4,08 | 10,50 | 2,35 | 4,47 | 10,20 | 1,49 | 6,85 |
| **35** | 9,00 | 2,49 | 3,61 | 9,80 | 2,63 | 3,73 | 9,00 | 1,71 | 5,26 |
| **43** | 8,40 | 2,80 | 3,00 | 9,00 | 2,88 | 3,13 | 8,60 | 2,00 | 4,30 |
| **WH-WXG12ME5** | | | | | | | | | |
| **Tamb** | **CC** | **IP** | **EER** | **CC** | **IP** | **EER** | **CC** | **IP** | **EER** |
| **LWC** | **7** | **7** | **7** | **14** | **14** | **14** | **18** | **18** | **18** |
| **16** | 12,00 | 2,50 | 4,80 | 13,70 | 2,60 | 5,27 | 12,00 | 1,73 | 6,94 |
| **25** | 12,00 | 3,05 | 3,93 | 13,50 | 3,12 | 4,33 | 12,00 | 1,88 | 6,38 |
| **35** | 12,00 | 4,21 | 2,85 | 13,20 | 3,25 | 4,06 | 12,00 | 2,80 | 4,29 |
| **43** | 9,60 | 4,35 | 2,21 | 10,00 | 4,35 | 2,30 | 12,00 | 3,60 | 3,33 |
| **WH-WXG09ME8** | | | | | | | | | |
| **Tamb** | **CC** | **IP** | **EER** | **CC** | **IP** | **EER** | **CC** | **IP** | **EER** |
| **LWC** | **7** | **7** | **7** | **14** | **14** | **14** | **18** | **18** | **18** |
| **16** | 9,80 | 2,00 | 4,90 | 11,00 | 2,04 | 5,39 | 10,80 | 1,38 | 7,83 |
| **25** | 9,30 | 2,28 | 4,08 | 10,50 | 2,35 | 4,47 | 10,20 | 1,49 | 6,85 |
| **35** | 9,00 | 2,49 | 3,61 | 9,80 | 2,63 | 3,73 | 9,00 | 1,71 | 5,26 |
| **43** | 8,40 | 2,80 | 3,00 | 9,00 | 2,88 | 3,13 | 8,60 | 2,00 | 4,30 |
| **WH-WXG12ME8** | | | | | | | | | |
| **Tamb** | **CC** | **IP** | **EER** | **CC** | **IP** | **EER** | **CC** | **IP** | **EER** |
| **LWC** | **7** | **7** | **7** | **14** | **14** | **14** | **18** | **18** | **18** |
| **16** | 12,00 | 2,50 | 4,80 | 13,70 | 2,60 | 5,27 | 12,00 | 1,73 | 6,94 |
| **25** | 12,00 | 3,05 | 3,93 | 13,50 | 3,12 | 4,33 | 12,00 | 1,88 | 6,38 |
| **35** | 12,00 | 4,21 | 2,85 | 13,20 | 3,25 | 4,06 | 12,00 | 2,80 | 4,29 |
| **43** | 10,80 | 4,89 | 2,21 | 11,20 | 4,87 | 2,30 | 12,00 | 3,60 | 3,33 |
| **WH-WXG16ME8** | | | | | | | | | |
| **Tamb** | **CC** | **IP** | **EER** | **CC** | **IP** | **EER** | **CC** | **IP** | **EER** |
| **LWC** | **7** | **7** | **7** | **14** | **14** | **14** | **18** | **18** | **18** |
| **16** | 15,50 | 3,00 | 5,17 | 15,80 | 2,75 | 5,75 | 16,00 | 2,50 | 6,40 |
| **25** | 15,00 | 3,75 | 4,00 | 15,50 | 3,40 | 4,56 | 16,00 | 3,10 | 5,16 |
| **35** | 14,50 | 5,05 | 2,87 | 14,50 | 4,50 | 3,22 | 15,50 | 3,95 | 3,92 |
| **43** | 12,00 | 5,15 | 2,33 | 12,00 | 5,20 | 2,31 | 15,00 | 5,35 | 2,80 |

Tamb: Ambient Temperature (°C). LWC: Leaving Water Condenser Temperature (°C). HC: Heating Capacity (kW). CC: Cooling Capacity (kW). IP: Input Power (kW).
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