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

Natural refrigerant R290 with GWP 0,02.
Energy efficiency: A+++ in heating at 35 °C / Built-in flow meter.
Flexibility: Hydraulic connection between indoor and outdoor / Built-in magnetic water filter.
Comfort: Constant capacity down to -20 °C / Operating range down to -28 °C / 75 °C water temperature at -15 °C outside / 55 °C hot water even at -25 °C outside temperature / Low noise level.
Control: Optimised user interface and improved features (2 zone control, bivalent control).



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
* For All in One.

Combination table - Aquarea T-CAP Hydraulic M Series						Outdoor unit				
Indoor unit						Heating capacity				
						Single phase		Three phase		
		DHW tank	Backup heater capacity	Electrical anode		9,0 kW	12,0 kW	9,0 kW	12,0 kW	16,0 kW
						WH-WXG09ME5	WH-WXG12ME5	WH-WXG09ME8	WH-WXG12ME8	WH-WXG16ME8
Hydraulic All in One	1ph	120 L	3 kW	—	WH-ADC0916M3E51	✔	✔	—	—	—
		120 L	3 kW	✔	WH-ADC0916M3E5AN1	✔	✔	—	—	—
		185 L	3 kW	—	WH-ADC0916M3E52	✔	✔	—	—	—
		185 L	3 kW	✔	WH-ADC0916M3E5AN2	✔	✔	—	—	—
		185 L	6 kW	—	WH-ADC0916M6E52	✔	✔	—	—	—
		260 L	3 kW	—	WH-ADC0916M3E53	✔	✔	—	—	—
		260 L	3 kW	✔	WH-ADC0916M3E5AN3	✔	✔	—	—	—
		260 L	6 kW	—	WH-ADC0916M6E53	✔	✔	—	—	—
	3ph	120 L	9 kW	—	WH-ADC0916M9E81	—	—	✔	✔	✔
		120 L	9 kW	✔	WH-ADC0916M9E8AN1	—	—	✔	✔	✔
		185 L	9 kW	—	WH-ADC0316M9E82	✔	✔	✔	✔	✔
		185 L	9 kW	✔	WH-ADC0316M9E8AN2	✔	✔	✔	✔	✔
		260 L	9 kW	—	WH-ADC0316M9E83	✔	✔	✔	✔	✔
		260 L	9 kW	✔	WH-ADC0316M9E8AN3	✔	✔	✔	✔	✔
Hydraulic Bi-bloc	1ph	—	3 kW	—	WH-SDC0916M3E5	✔	✔	—	—	—
		—	6 kW	—	WH-SDC0916M6E5	✔	✔	—	—	—
	3ph	—	9 kW	—	WH-SDC0316M9E8	✔	✔	✔	✔	✔
Control module	1ph	—	—	—	WH-CME5	✔	✔	—	—	—
	3ph	—	—	—	WH-CME8	✔	✔	✔	✔	✔
Remote controller with Wi-Fi adapter	—	—	—	—	CZ-RTW2TAW1C	✔	✔	✔	✔	✔

Combination table - Big Aquarea T-CAP Hydraulic M Series			Outdoor unit		
Indoor unit			Heating capacity		
			Three phase		
			20,0 kW	25,0 kW	30,0 kW
			WH-WXG20ME8	WH-WXG25ME8	WH-WXG30ME8
Control module	3ph	WH-CME8L	✔	✔	✔
Remote controller with Wi-Fi adapter	—	CZ-RTW2TAW1C	✔	✔	✔

Accessories	
CZ-RTW2TAW1C	Remote controller with Wi-Fi adapter (required for stand-alone outdoor units). M Series
CZ-RTW2	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
PAW-A2W-AFVLV-112	1 antifreeze valve 1 1/2". It is required to order 2 valves per system. For 20, 25 and 30 kW
PAW-A2W-AFVLV-1	1 antifreeze valve. It is required to order 2 valves per system. For 9, 12 and 16 kW

Accessories	
PAW-TD20C1E5-1	Tank 200 L - Stainless steel
PAW-TD30C1E5-1	Tank 300 L - Stainless steel
PAW-TA20C1E5STD	Tank 200 L - Enamelled
PAW-TA30C1E5STD	Tank 300 L - Enamelled
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

R290 REFRIGERANT · A++ ErP 55°C · A+++ ErP 35°C · A+ DHW · INVERTER+ · A CLASS WATER PUMP AUTO SPEED · DHW · -28 °C HEATING MODE · WATER FILTER WITH MAGNET · 75°C OUTPUT WATER FLOW TEMPERATURE · FLOW SENSOR · BOILER CONNECTION · WI-FI INCLUDED · BMS CONNECTIVITY · 5 YEARS COMPRESSOR WARRANTY

DHW A+: For All in One. INTERNET CONTROL: Wi-Fi adapter included.

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 / Optional integration into BMS.



* For All in One.

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 12 kW< ≤15 kW: 5x4,0 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	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	6	9
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	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

Accessories	
PAW-TD20C1E5-1	Tank 200 L - Stainless steel
PAW-TD30C1E5-1	Tank 300 L - Stainless steel
PAW-TA20C1E5STD	Tank 200 L - Enamelled
PAW-TA30C1E5STD	Tank 300 L - Enamelled
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

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DHW A+: For All in One. INTERNET CONTROL: Wi-Fi adapter included.