

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).



* For All in One.

Combination table - Aquarea T-CAP Hydraulic M Series					Outdoor unit				
Indoor unit					Heating capacity				
	DHW tank	Backup heater capacity	Electrical anode		Single phase		Three phase		
					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	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	✓	✓	—	—	—
	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-RTWIREDLESS	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



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

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 (η _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 (η _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 (η _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	HxWxD	mm	1520x1200x430	1520x1200x430	1520x1200x430	1520x1200x430	1520x1200x430	
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 (η _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 (η _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 (η _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 / 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 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-RTWIREDLESS	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



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

All in One:

Energy efficiency: A+ in DHW / DHW up to 65 °C without heater / Stainless steel DHW tank with U-Vacua™ insulation panel / DHW COP up to 3,60.
Flexibility: Backup heater included / Built-in 10 L expansion vessel / 30 m maximum height difference between indoor and outdoor / Installation in harsh water conditions (for models with Electrical Anode).

All in One with 120 L DHW tank*			Single phase	Three phase
Indoor unit			WH-ADC0916M3E51	WH-ADC0916M9E81
Indoor unit with Electrical Anode			WH-ADC0916M3E5AN1	WH-ADC0916M9E8AN1
Dimension / Net weight	H x W x D	mm / kg	1293 x 599 x 602 / 74	1293 x 599 x 602 / 74
Water volume		L	120	120
Electric backup heater		kW	3	9

Domestic Hot Water energy efficiency

Indoor unit		WH-ADC0916M3E51	WH-ADC0916M3E5AN1	WH-ADC0916M9E81	WH-ADC0916M9E8AN1
Outdoor unit		WH-WXG09ME5	WH-WXG12ME5	WH-WXG09ME8	WH-WXG12ME8
Tapping profile according EN16147		L	L	L	L
DHW tank ERP efficiency average / warm / cold ¹⁾	A+ to F	A+ / A / A	A+ / A / A	A+ / A / A	A+ / A / A
DHW tank ERP average climate η / COPdHW	$\eta_{wh} \%$ / COPdHW	96 / 2,41	96 / 2,41	96 / 2,41	96 / 2,41
DHW tank ERP warm climate η / COPdHW	$\eta_{wh} \%$ / COPdHW	101 / 2,7	101 / 2,7	101 / 2,7	101 / 2,7
DHW tank ERP cold climate η / COPdHW	$\eta_{wh} \%$ / COPdHW	70 / 1,75	70 / 1,75	70 / 1,75	70 / 1,75

All in One with 185 L DHW tank			Single phase	Three phase
Indoor unit			WH-ADC0916M3E52	WH-ADC0916M6E52
Indoor unit with Electrical Anode			WH-ADC0916M3E5AN2	—
Dimension / Net weight	H x W x D	mm / kg	1642 x 599 x 602 / 89	1642 x 599 x 602 / 89
Water volume		L	185	185
Electric backup heater		kW	3	9

Domestic Hot Water energy efficiency

Indoor unit		WH-ADC0916M3E52	WH-ADC0916M3E5AN2	WH-ADC0916M6E52	—
Outdoor unit		WH-WXG09ME5	WH-WXG12ME5	WH-WXG09ME8	WH-WXG12ME8
Tapping profile according EN16147		L	L	L	L
DHW tank ERP efficiency average / warm / cold ¹⁾	A+ to F	A+ / A+ / A	A+ / A+ / A	A+ / A+ / A	A+ / A+ / A
DHW tank ERP average climate η / COPdHW	$\eta_{wh} \%$ / COPdHW	123 / 3,00	123 / 3,00	123 / 3,00	117 / 2,85
DHW tank ERP warm climate η / COPdHW	$\eta_{wh} \%$ / COPdHW	132 / 3,30	132 / 3,30	132 / 3,30	128 / 3,20
DHW tank ERP cold climate η / COPdHW	$\eta_{wh} \%$ / COPdHW	88 / 2,20	88 / 2,20	88 / 2,20	84 / 2,10

All in One with 260 L DHW tank			Single phase	Three phase
Indoor unit			WH-ADC0916M3E53	WH-ADC0916M6E53
Indoor unit with Electrical Anode			WH-ADC0916M3E5AN3	—
Dimension / Net weight	H x W x D	mm / kg	2036 x 599 x 602 / 105	2036 x 599 x 602 / 105
Water volume		L	260	260
Electric backup heater		kW	3	9

Domestic Hot Water energy efficiency

Indoor unit		WH-ADC0916M3E53	WH-ADC0916M3E5AN3	WH-ADC0916M6E53	—
Outdoor unit		WH-WXG09ME5	WH-WXG12ME5	WH-WXG09ME8	WH-WXG12ME8
Tapping profile according EN16147		XL	XL	XL	XL
DHW tank ERP efficiency average / warm / cold ¹⁾	A+ to F	A+ / A+ / A	A+ / A+ / A	A+ / A+ / A	A+ / A+ / A
DHW tank ERP average climate η / COPdHW	$\eta_{wh} \%$ / COPdHW	123 / 3,00	123 / 3,00	125 / 3,10	115 / 2,85
DHW tank ERP warm climate η / COPdHW	$\eta_{wh} \%$ / COPdHW	132 / 3,30	132 / 3,30	136 / 3,35	129 / 3,20
DHW tank ERP cold climate η / COPdHW	$\eta_{wh} \%$ / COPdHW	88 / 2,20	88 / 2,20	95 / 2,35	85 / 2,10

All in One Indoor units technical data

Sound pressure	Heat / Cool	dB(A)	22 / 22
Water pipe connector	Room	Inch	1 1/4
	Shower	Inch	3/4
Maximum DHW temperature		°C	65
Material inside tank			Stainless steel
Water pipe connector (indoor / outdoor units)		Inch	1 1/4 / 1 1/4
Pipe length range standard / maximum		m	5 / 30
Elevation difference (in / out)		m	30

¹⁾ Scale from A+ to F. * Available in Autumn 2025. Tentative data. ** 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.