

Aqueara T-CAP Mono-bloc J Generation			Single phase		Three phase		
Outdoor unit			WH-MXC09J3E5	WH-MXC12J6E5	WH-MXC09J3E8	WH-MXC12J9E8	WH-MXC16J9E8
Heating capacity / COP [A +7 °C, W 35 °C]	kW / COP		9,00/5,08	12,00/4,80	9,00/5,08	12,00/4,80	16,00/4,52
Heating capacity / COP [A +7 °C, W 55 °C]	kW / COP		9,00/3,08	12,00/3,05	9,00/3,08	12,00/3,05	16,00/2,86
Heating capacity / COP [A +2 °C, W 35 °C]	kW / COP		9,00/3,81	12,00/3,53	9,00/3,81	12,00/3,53	16,00/3,10
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	16,00/2,07
Heating capacity / COP [A -7 °C, W 35 °C]	kW / COP		9,00/3,08	12,00/2,82	9,00/3,08	12,00/2,82	16,00/2,39
Heating capacity / COP [A -7 °C, W 55 °C]	kW / COP		9,00/2,12	12,00/2,00	9,00/2,12	12,00/2,00	16,00/1,71
Cooling capacity / EER [A 35 °C, W 7 °C]	kW / EER		9,00/3,18	12,00/2,90	9,00/3,09	12,00/2,84	14,50/2,84
Cooling capacity / EER [A 35 °C, W 18 °C]	kW / EER		9,00/4,62	12,00/3,95	9,00/4,46	12,00/3,79	16,00/3,75
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	ηs %	195/140	195/140	195/140	195/140	176/129
	SCOP		4,96/3,57	4,96/3,57	4,96/3,57	4,96/3,57	4,46/3,31
Heating warm climate (W 35 °C / W 55 °C)	Energy class	A+++ to D	A+++/A++	A+++/A++	A+++/A++	A+++/A++	A+++/A++
	Seasonal energy efficiency	ηs %	256/171	256/171	256/171	256/171	232/160
Heating cold climate (W 35 °C / W 55 °C)	SCOP		6,47/4,34	6,47/4,34	6,47/4,34	6,47/4,34	5,88/4,09
	Energy class	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	ηs %	169/127	169/127	169/127	169/127	150/125
	SCOP		4,31/3,26	4,31/3,26	4,31/3,26	4,31/3,26	3,83/3,20
Sound power <sup>1)</sup>	Energy class	A+++ to D	A++/A++	A++/A++	A++/A++	A++/A++	A++/A++
	Heat	dB(A)	65	65	65	65	66
Dimension	HxWxD	mm	1410x1283x320	1410x1283x320	1410x1283x320	1410x1283x320	1410x1283x320
Net weight		kg	140	140	140	140	150
Refrigerant (R32) / CO <sub>2</sub> Eq. <sup>2)</sup>		kg / T	1,60/1,080	1,60/1,080	1,60/1,080	1,60/1,080	1,80/1,215
Water pipe connector		Inch	R 1/4	R 1/4	R 1/4	R 1/4	R 1/4
Pump	Number of speeds		Variable Speed	Variable Speed	Variable Speed	Variable Speed	Variable Speed
	Input power (Min/Max)	W	32/102	34/110	32/173	34/173	38/173
Heating water flow (ΔT=5 K, 35 °C)		L/min	25,8	34,4	25,8	34,4	45,9
Capacity of integrated electric heater		kW	3	6	3	9	9
	Heat	kW	1,77	2,50	1,77	2,50	3,54
Input power	Cool	kW	2,83	4,14	2,91	4,23	5,11
	Heat	A	8,3	11,6	2,6	3,7	5,3
Running and starting current	Cool	A	13,1	19,1	4,3	6,3	7,6
	Heat	A	29,0	29,0	14,7	11,8	16,4
Current 1		A	13,0	26,0	13,0	13,0	13,0
Current 2		A	30/30	30/30	20/16	20/20	20/20
Recommended fuse, supply 1 / 2		A	30/30	30/30	20/16	20/20	20/20
Recommended cable size, supply 1 / 2		mm <sup>2</sup>	3x4,0 or 6,0/3x4,0	3x4,0 or 6,0/3x4,0	5x1,5/3x1,5	5x1,5/5x1,5	5x2,5/5x1,5
Operating range - outdoor ambient	Heat	°C	-20 - +35	-20 - +35	-20 - +35	-20 - +35	-20 - +35
	Cool	°C	10 - +43	10 - +43	10 - +43	10 - +43	10 - +43
Water outlet <sup>3)</sup>	Heat	°C	20 - 65	20 - 65	20 - 65	20 - 65	20 - 65
	Cool	°C	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20



INTERNET CONTROL: Optional.



**Better efficiency & value for medium temperature applications.**  
Energy efficiency class up to A+++ in a scale from A+++ to D.



**Better efficiency & value for low temperature applications.**  
Energy efficiency class up to A+++ in a scale from A+++ to D.



**A class water pump.**  
Aqueara are built-in with A class energy efficiency water pump. High efficiency circulating the water in the heating installation.



**Higher performance and energy saving.**  
Improvement of SCOP \* and cooling capacity vs conventional model.



**Aqueara T-CAP for extremely low temperatures.**  
From 9 to 16 kW. If the most important aspect is to maintain nominal heating capacities even at temperatures as low as -7 °C or -20 °C, select the Aqueara T-CAP.



**65 °C output water.**  
Reaches water outlet temperature up to 65 °C.

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