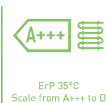
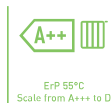


NEW  
2020

**CZ-TAW1**  
Cloud connection.  
For user control  
and installer  
remote  
maintenance.

## NEW Aquarea High Performance Mono-bloc J Generation Single Phase. Heating and Cooling - MDC • R32 Refrigerant

		Single Phase Heating and Cooling		
Outdoor unit		WH-MDC05J3E5	WH-MDC07J3E5	WH-MDC09J3E5
Heating capacity / COP (A +7°C, W 35°C)	kW / COP	5,00/5,08	7,00/4,76	9,00/4,48
Heating capacity / COP (A +7°C, W 55°C)	kW / COP	5,00/3,01	7,00/2,82	8,95/2,78
Heating capacity / COP (A +2°C, W 35°C)	kW / COP	5,00/3,57	7,00/3,40	7,45/3,13
Heating capacity / COP (A +2°C, W 55°C)	kW / COP	5,00/2,27	6,30/2,16	7,00/2,12
Heating capacity / COP (A -7°C, W 35°C)	kW / COP	5,00/2,78	6,80/2,81	7,50/2,63
Heating capacity / COP (A -7°C, W 55°C)	kW / COP	5,00/1,85	6,30/1,86	7,00/1,80
Cooling capacity / EER (A 35°C, W 7°C)	kW / EER	5,00/3,31	7,00/3,06	9,00/2,71
Cooling capacity / EER (A 35°C, W 18°C)	kW / EER	5,00/5,05	7,00/4,73	9,00/4,25
Seasonal energy efficiency - Heating Average Climate (W35°C / W55°C)	ETA %	202/142	193/130	193/130
	SCOP	5,12/3,63	4,90/3,32	4,90/3,32
Energy Class Heating Average Climate (W35°C / W55°C)	A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++
Seasonal energy efficiency - Heating Warm Climate (W35°C / W55°C)	ETA %	237/165	227/160	227/160
	SCOP	6,00/4,20	5,75/4,07	5,75/4,07
Energy Class Heating Warm Climate (W35°C / W55°C)	A+++ to D	A+++ / A+++	A+++ / A+++	A+++ / A+++
Seasonal energy efficiency - Heating Cold Climate (W35°C / W55°C)	ETA %	160/115	164/116	164/116
	SCOP	4,08/2,95	4,18/2,98	4,18/2,98
Energy Class Heating Cold Climate (W35°C / W55°C)	A+++ to D	A+++ / A+	A+++ / A+	A+++ / A+
Sound power partial load	Heat	59	59	59
Sound power full load	Heat / Cool	64/65	68/67	69/68
Dimension	HxWxD	mm	865 x 1283 x 320	865 x 1283 x 320
Net weight		kg	99	104
Refrigerant (R32) / CO <sub>2</sub> Eq.		kg / T	1,3/0,878	1,3/0,878
Water pipe connector		Inch	R 1½	R 1½
Pump	Number of speeds		Variable Speed	Variable Speed
	Input power [Min/Max]	W	34/96	36/100
Heating water flow (ΔT=5 K, 35°C)		L/min	14,3	20,1
Capacity of integrated electric heater		kW	3	3
Input Power	Heat	kW	0,985	1,47
	Cool	kW	1,51	2,29
Running and Starting current	Heat	A	4,7	7,0
	Cool	A	7,0	10,5
Current 1		A	12	17
Current 2		A	13	13
Recommended fuse		A	30/15	30/15
Recommended cable size, supply 1 / 2		mm <sup>2</sup>	3x1,5/3x1,5	3x2,5/3x1,5
Operation range [outdoor temperature]	Heat	°C	-20 - 35	-20 - 35
	Cool	°C	10 - 43	10 - 43
Water outlet	Heat	°C	20 - 60	20 - 60
	Cool	°C	5 - 20	5 - 20
<b>Outdoor unit Price</b>		€		

Accessories	Price €
<b>PAW-TD20C1E5</b> Tank 200L - Stainless steel	
<b>PAW-TD30C1E5</b> Tank 300L - Stainless steel	
<b>PAW-TA20C1E5STD</b> Tank 200L - Enamelled	
<b>PAW-TA30C1E5STD</b> Tank 300L - Enamelled	
<b>PAW-TD20B8E3-1</b> Combo Tank 185L + 80L - Enamelled	
<b>PAW-TD23B6E5</b> Combo Tank 230L + 60L - Stainless Steel	

Accessories	Price €
<b>PAW-3WYVLYV-HW</b> 3 Way valve for DHW Tanks	
<b>PAW-BTANK50L-2</b> Buffer tank 50L	
<b>CZ-TAW1</b> Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN	
<b>PAW-A2W-RTWIRED</b> Room thermostat	
<b>PAW-A2W-RTWIRELESS</b> Wireless LCD room thermostat	

EER and COP calculation is based in accordance to EN14511. Sound pressure measured at 1m from the outdoor unit and at 1,5m height. Heating sound pressure measured at +7°C (heating water at 55°C).  
1) WH-MDC models are hermetically sealed. \* Available in May 2020.



INTERNET CONTROL: Optional.