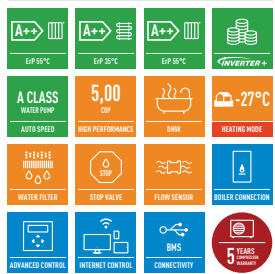




New Aquarea All in One compact and easy to install

Hydromodule + 200L tank. From 3 to 16kW

Aquarea All in One is the new generation of Panasonic Heat Pumps for Heating, Cooling and Domestic Hot Water (DHW). This new range intelligently integrates the best Hydrokit technology with a premium quality stainless steel tank, which also comes with a 10 year warranty.



10 YEARS WARRANTY

COP classification is at 230V only in accordance with EU directive 2003/22/EC. 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). Performance in agreement with EN14511. Insulated tested under EN12897. 1) Available in August 2016. 2) System label with controller. * Tentative values. BEST IN TEST 2016: Applies to All in one T-CAP 5kW H Generation: The highest measured SCOP (energy efficiency) of all air/water heat pumps, in the corresponding category, that have been published on the heat pump list of the Danish Energy Agency: sparenergi.dk/forbrugerspejlet/.

INTERNET CONTROL: Optional.

Aquarea All in one H Generation High Performance Bi-Bloc Single Phase. Heating and Cooling

TENTATIVE DATA

	Single Phase (Power to indoor)			
	KIT-ADC03HE5 ¹	KIT-ADC05HE5 ¹	KIT-ADC07HE5 ¹	KIT-ADC09HE5 ¹
Heating capacity at +7°C (heating water at 35°C)	kW 3,20	5,00	7,00	9,00
COP at +7°C (heating water at 35°C)	W/W 5,00	4,63	4,46	4,13
Heating capacity at +2°C (heating water at 35°C)	kW 3,20	4,20	6,55	6,70
COP at +2°C (heating water at 35°C)	W/W 3,56	3,11	3,34	3,13
Heating capacity at -7°C (heating water at 35°C)	kW 3,20	4,20	5,15	5,90
COP at -7°C (heating water at 35°C)	W/W 2,69	2,59	2,68	2,52
Heating capacity at -15°C (heating water at 35°C)	kW 3,20	4,20	4,60	5,90
COP at -15°C (heating water at 35°C)	W/W 2,30	2,16	2,32	2,22
Cooling capacity at 35°C (cooling water at 7/12°C)	kW 3,20	4,50	6,00	7,00
EER at 35°C (cooling water at 7/12°C)	W/W 3,08	2,69	2,63	2,43
Energy Efficiency Class at 35°C / at 55°C / at 55°C for DHW	A++ / A++ / A	A++ / A++ / A	A++ / A++ / A	A++ / A++ / A
System label 35°C / 55°C ¹	A++ / A++	A++ / A++	A++ / A++	A++ / A++
Indoor Unit	WH-ADC0309H3E5	WH-ADC0309H3E5	WH-ADC0309H3E5	WH-ADC0309H3E5
Sound pressure level Heating / Cooling	dB(A) 28 / 28	28 / 28	28 / 28	28 / 28
Dimensions* / Net weight* H x W x D	mm / kg 1.800 x 598 x 717 / 135	1.800 x 598 x 717 / 135	1.800 x 598 x 717 / 135	1.800 x 598 x 717 / 135
Water pipe connector	mm R 1 1/4	R 1 1/4	R 1 1/4	R 1 1/4
A class Pump	Number of speeds Variable Speed	Variable Speed	Variable Speed	Variable Speed
Power input (Min / Max)*	W 30 / 120	30 / 120	30 / 120	30 / 120
Heating water flow (ΔT=5 K, 35°C)	U/min 9,2	14,3	20,1	25,8
Capacity of integrated electric heater	kW 3	3	3	3
Recommended fuse	A 15 / 15	15 / 15	30 / 15	30 / 15
Recommended cable size, supply 1 & 2	mm ² 3 x 1,5 / 3 x 1,5	3 x 1,5 / 3 x 1,5	3 x 2,5 / 3 x 1,5	3 x 2,5 / 3 x 1,5
Water volume	L 185	185	185	185
Maximum water temperature	°C 65	65	65	65
Material inside tank	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Outdoor Unit	WH-UD03HE5-1	WH-UD05HE5-1	WH-UD07HE5-1	WH-UD09HE5-1
Sound pressure level Heating / Cooling	dB(A) 48 / 47	49 / 48	50 / 48	51 / 50
Dimensions / Net weight H x W x D	mm / kg 622 x 824 x 298 / 39	622 x 824 x 298 / 39	795 x 900 x 320 / 66	795 x 900 x 320 / 66
Refrigerant (R410A)	kg 1,20	1,20	1,45	1,45
Pipe diameter Liquid pipe / Gas pipe	Inch (mm) 1/4 (6,35) / 1/2 (12,7)	1/4 (6,35) / 1/2 (12,7)	1/4 (6,35) / 5/8 (15,88)	1/4 (6,35) / 5/8 (15,88)
Pipe length range / Elevation difference (in/out)	m 3 - 15 / 5	3 - 15 / 5	3 - 30 / 20	3 - 30 / 20
Pipe length for additional gas / Additional gas amount	m / g/m 10 / 20	10 / 20	10 / 30	10 / 30
Operation range Outdoor ambient	°C -27 ~ +35	-27 ~ +35	-27 ~ +35	-27 ~ +35
Water outlet Heating / Cooling	°C 25 - 55 / 5 - 20	25 - 55 / 5 - 20	25 - 55 / 5 - 20	25 - 55 / 5 - 20

Accessories	
PAW-ADC-CV150	Decorative magnetic side cover
CZ-NS4P	Additional functions PCB

Accessories	
CZ-TAW1	Aquarea Smart Cloud, H Generation Internet control through Wifi or wired LAN
PAW-AZW-RTWIRED	Temperature sensor

NEW H Generation Sensors	
PAW-AZW-TS0D	Outdoor ambient sensor
PAW-AZW-TSRT	Zone room sensor
PAW-AZW-TSBU	Buffer tank sensor
PAW-AZW-TSHC	Zone water sensor
PAW-AZW-TSSO	Solar sensor

NEW H Generation Tools	
PAW-AZW-LOGGER	Data Logger: With this tool we can log data during a long period (available in August 2016)
PAW-AZW-CHECKER	Service checker: With this tool we will have a life monitoring at our PC (available in August 2016)