

Aquarea EcoFlex. Single phase. Heating and Cooling · R32

Energy efficiency: Heat recovery function, to re-use wasted heat of outdoor unit for DHW production.

Flexibility: Small foot print outdoor unit, tank unit with a standard size of appliances.

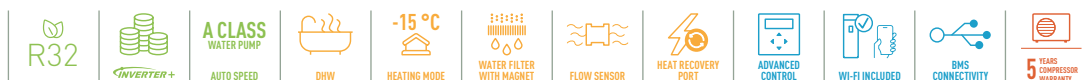
Comfort: Non-stop heating operation / nanoe™ X technology to improve protection 24/7 (nanoe X Generator Mark 2).

Connectivity: Wi-Fi adapter included via Aquarea Smart Cloud or Panasonic Comfort Cloud App.



				WH-ADF0309J3E5CM
Heating capacity / COP (A +7 °C, W 35 °C)		kW / COP	8,00 / 4,21	
Heating capacity / COP (A +7 °C, W 55 °C)		kW / COP	8,00 / 2,81	
Heating capacity / COP (A +2 °C, W 35 °C)		kW / COP	6,70 / 3,25	
Heating capacity / COP (A +2 °C, W 55 °C)		kW / COP	6,00 / 2,08	
Heating capacity / COP (A -7 °C, W 35 °C)		kW / COP	5,60 / 2,84	
Heating capacity / COP (A -7 °C, W 55 °C)		kW / COP	5,30 / 1,91	
Cooling capacity / EER (A 35 °C, W 7 °C)		kW / EER	—	
Cooling capacity / EER (A 35 °C, W 18 °C)		kW / EER	—	
Heating average climate (W 35 °C / W 55 °C)		Seasonal energy efficiency SCOP (η _s %)	4,00 / 3,20 (157 / 125)	
		Energy class ¹⁾	A+++ to D	
Heating warm climate (W 35 °C / W 55 °C)		Seasonal energy efficiency SCOP (η _s %)	5,69 / 3,69 (224 / 145)	
		Energy class ¹⁾	A+++ to D	
Heating cold climate (W 35 °C / W 55 °C)		Seasonal energy efficiency SCOP (η _s %)	3,61 / 2,80 (141 / 109)	
		Energy class ¹⁾	A+ / A+	
Sound pressure		Heat / Cool	dB(A)	
Dimension / Net weight		H x W x D	1880 x 598 x 600 / 108	
Electric backup heater		kW	3,00	
Water volume		L	185	
Maximum DHW temperature		°C	65	
Heating water flow (ΔT=5 K, 35 °C)		L/min	22,90	
Tapping profile according EN16147			L	
DHW tank ERP efficiency average / warm / cold ²⁾		A+ to F	A / A+ / A	
DHW tank ERP average climate η / COP _{dhw}		η _{wh} % / COP _{dhw}	104 / 2,60	
DHW tank ERP warm climate η / COP _{dhw}		η _{wh} % / COP _{dhw}	134 / 3,35	
DHW tank ERP cold climate η / COP _{dhw}		η _{wh} % / COP _{dhw}	92 / 2,30	
Heat recovery capacity (DHW 55 °C)		kW	7,10 + 9,00	
Heat recovery input power (DHW 55 °C)		kW	3,15	
Heat recovery COP (DHW 55 °C)			5,11	
Water outlet		°C	20 ~ 55	
				S-71WF3E
Cooling capacity		Nominal	kW	7,10
EER ³⁾		Nominal	W/W	3,40
SEER ⁴⁾				5,60 A+
P _{design} (cooling)				7,10
Heating capacity		Nominal	kW	7,10
COP ³⁾		Nominal	W/W	3,90
SCOP ⁴⁾				3,90 A
P _{design} at -10 °C			kW	4,80
External static pressure ⁵⁾			Pa	30 (10 - 150)
Air flow			m ³ /min	22,7
Sound pressure ⁶⁾		Cool / Heat (Hi)	dB(A)	34 / 34
Sound power ⁷⁾		Cool / Heat (Hi)	dB(A)	57 / 57
Dimension / Net weight		H x W x D	mm / kg	250 x 1000 x 730 / 30
nanoe X Generator				Mark 2
				CU-2WZ71YBE5
Sound pressure		Cool / Heat (air to air)	dB(A)	49 / 49
Sound power ⁷⁾		Cool / Heat (air to air)	dB(A)	68 / 67
Sound pressure		Heat (air to water)	dB(A)	51
Sound power ⁸⁾		Heat (air to water)	dB(A)	61
Dimension / Net weight		H x W x D	mm / kg	999 x 940 x 340 / 82
Refrigerant (R32) / CO ₂ Eq.		kg / T		2,40 / 1,62
Piping diameter		Liquid / Gas	Inch (mm)	1/4 (6,35) / 1/2 (12,70)
Pipe length range / Elevation difference (in / out)			m / m	35 / 30
Pre-charged pipe length / Additional gas amount			m / g/m	30 / 20
Operating range - outdoor ambient		Heat (air to air)	°C	-15 ~ +24
		Cool (air to air)	°C	-10 ~ +46
		Heat (air to water)	°C	-15 ~ +35
		Heat recovery (floor / DHW)	°C	+10 ~ +35 / +10 ~ +46

1) Scale from A+++ to D. 2) Scale from A+ to F. 3) EER and COP calculation is based in accordance to EN14511. 4) SEER and SCOP is calculated based on values of EU/626/2011. 5) Medium external static pressure setting from factory. 6) The sound pressure of the units shows the value measured of the position 1,5 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 7) Sound power is measured in accordance with EN14511 and EN12102-1:2017 at +7 °C. 8) Sound power in accordance to 811/2013, 813/2013 and EN12102-1:2017 at +7 °C.



INTERNET CONTROL: Wi-Fi adapter included