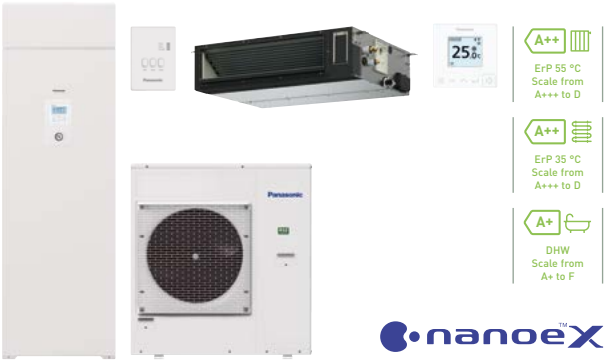
Aquarea EcoFleX. Single phase. Heating and Cooling · R32

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
Air to water	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	A++ / A++
	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	A+++ / A++
	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+++ to D	A+ / A+
	Sound pressure	Heat / Cool	dB(A)	28 / —
	Dimension / Net weight	H x W x D	mm / kg	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 / COPdhw		ηwh % / COPdhw	104 / 2,60
	DHW tank ERP warm climate η / COPdhw		ηwh % / COPdhw	134 / 3,35
	DHW tank ERP cold climate η / COPdhw		ηwh % / COPdhw	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
Air to air	Cooling capacity	Nominal	kW	7,10
	EER [3]	Nominal	W/W	3,40
	SEER [4]			**5,60 A+**
	Pdesign (cooling)			7,10
	Heating capacity	Nominal	kW	7,10
	COP [3]	Nominal	W/W	3,90
	SCOP [4]			**3,90 A**
	Pdesign 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
Outdoor unit	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.

R32 · INVERTER+ · A CLASS WATER PUMP · AUTO SPEED · DHW · -15 °C HEATING MODE · WATER FILTER WITH MAGNET · FLOW SENSOR · HEAT RECOVERY PORT · ADVANCED CONTROL · WI-FI INCLUDED · BMS CONNECTIVITY · 5 YEARS COMPRESSOR WARRANTY

INTERNET CONTROL: Wi-Fi adapter included