

Aquarea High Performance All in One Compact, generacja J, jednofazowe • R32		Single Phase (Power to indoor)			
		3 kW	5 kW	7 kW	9 kW
Kit		KIT-ADC03JE5C	KIT-ADC05JE5C	KIT-ADC07JE5C	KIT-ADC09JE5C-1
Heating capacity (A +7°C, W 35°C)	kW	3,20	5,00	7,00	9,00
COP (A +7°C, W 35°C)		5,33	5,00	4,76	4,48
Heating capacity (A +7°C, W 55°C)	kW	3,20	5,00	7,00	8,95
COP (A +7°C, W 55°C)		2,81	2,72	2,82	2,78
Heating capacity (A +2°C, W 35°C)	kW	3,20	4,20	6,85	7,00
COP (A +2°C, W 35°C)		3,64	3,18	3,41	3,40
Heating capacity (A +2°C, W 55°C)	kW	3,20	4,10	6,20	6,30
COP (A +2°C, W 55°C)		2,19	1,99	2,21	2,16
Heating capacity (A -7°C, W 35°C)	kW	3,30	4,20	5,60	6,12
COP (A -7°C, W 35°C)		2,80	2,59	2,87	2,78
Heating capacity (A -7°C, W 55°C)	kW	3,20	3,55	5,25	5,90
COP (A -7°C, W 55°C)		1,79	1,71	1,94	1,93
Cooling capacity (A 35°C, W 7°C)	kW	3,20	4,50	6,70	8,20
EER (A 35°C, W 7°C)		3,52	3,00	3,03	2,72
Cooling capacity (A 35°C, W 18°C)	kW	3,20	4,80	6,70	9,00
EER (A 35°C, W 18°C)		4,85	4,29	4,72	4,18
Heating average climate. Seasonal energy efficiency (W 35°C / W 55°C)	s %	200 / 136	200 / 136	193 / 130	193 / 130
Heating average climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	5,07 / 3,47	5,07 / 3,47	4,90 / 3,32	4,90 / 3,32
Heating average climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate. Seasonal energy efficiency (W 35°C / W 55°C)	s %	245 / 165	245 / 165	227 / 160	227 / 160
Heating warm climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	6,20 / 4,20	6,20 / 4,20	5,75 / 4,07	5,75 / 4,07
Heating warm climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A+++ / A+++	A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate. Seasonal energy efficiency (W 35°C / W 55°C)	s %	157 / 110	157 / 110	164 / 116	164 / 116
Heating cold climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	4,00 / 2,83	4,00 / 2,83	4,18 / 2,98	4,18 / 2,98
Heating cold climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A++ / A+	A++ / A+	A++ / A+	A++ / A+
Indoor unit		WH-ADC0309J3E5C	WH-ADC0309J3E5C	CWH-ADC0309J3E5C	CWH-ADC0309J3E5C
Indoor sound pressure (Heat)	dB(A)	28	28	28	28
Indoor sound pressure (Cool)	dB(A)	28	28	28	28
Indoor dimension (Height)	mm	1650	1650	1650	1650
Indoor dimension (Width)	mm	598	598	598	598
Indoor dimension (Depth)	mm	600	600	600	600
Indoor net weight	kg	—	—	—	—
Water pipe connector	Inch	R 1¼	R 1¼	R 1¼	R 1¼
A class pump (Number of speeds)		Variable Speed	Variable Speed	Variable Speed	Variable Speed
A class pump (Input power Min)	W	30	30	30	30
A class pump (Input power Max)	W	120	120	120	120
Heating water flow ( T=5 K, 35°C)	L/min	9,20	14,30	20,10	25,80
Capacity of integrated electric heater	kW	3,00	3,00	3,00	3,00
Indoor recommended fuse	A	16 / 16	16 / 16	25 / 16	25 / 16
Recommended cable size, supply 1	mm²	3 x 1,5	3 x 1,5	3 x 2,5	3 x 2,5
Recommended cable size, supply 2	mm²	3 x 1,5	3 x 1,5	3 x 1,5	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
Tapping profile according EN16147		L	L	L	L
DHW tank ERP average climate efficiency rating (2)	A+ to F	A+	A+	A+	A+
DHW tank ERP warm climate efficiency rating (2)	A+ to F	A+	A+	A+	A+
DHW tank ERP cold climate efficiency rating (2)	A+ to F	A	A	A	A
DHW tank ERP average climate	wh %	132	132	120	120
DHW tank ERP average climate SCOP		3,30	3,30	3,00	3,00
DHW tank ERP warm climate	wh %	155	155	140	140
DHW tank ERP warm climate SCOP		3,88	3,88	3,50	3,50
DHW tank ERP cold climate	wh %	99	99	99	99
DHW tank ERP cold climate SCOP		2,48	2,48	2,47	2,47
Outdoor unit		WH-UD03JE5	WH-UD05JE5	WH-UD07JE5	WH-UD09JE5-1
Outdoor sound power part load (Heat) (3)	dB(A)	55	55	59	59
Outdoor sound power full load (Heat)	dB(A)	60	64	68	69
Outdoor sound power full load (Cool)	dB(A)	61	64	67	69
Outdoor dimension (Height)	mm	622	622	795	795
Outdoor dimension (Width)	mm	824	824	875	875
Outdoor dimension (Depth)	mm	298	298	320	320
Outdoor net weight	kg	37	37	61	61
Refrigerant (R32) / CO2 Eq.	kg / T	0,9 / 0,608	0,9 / 0,608	1,27 / 0,857	1,27 / 0,857
Pipe diameter (Liquid)	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)
Pipe diameter (Gas)	Inch (mm)	1/2 (12,70)	1/2 (12,70)	5/8 (15,88)	5/8 (15,88)
Pipe length range	m	3 ~ 25	3 ~ 25	3 ~ 50	3 ~ 50
Elevation difference (in/out)	m	20	20	30	30
Pipe length for additional gas	m	10	10	10	10
Additional gas amount	g/m	20	20	25	25
Operation range (Outdoor ambient)	°C	-20 ~ +35	-20 ~ +35	-20 ~ +35	-20 ~ +35
Water outlet (Heat)	°C	20 ~ 60	20 ~ 60	20 ~ 60	20 ~ 60
Water outlet (Cool)	°C	5 ~ 20	5 ~ 20	5 ~ 20	5 ~ 20