

Aqueara High Performance All in One, generacja H, jednofazowe • R410A		Single Phase (Power to indoor)					
		3 kW	5 kW	7 kW	9 kW	12 kW	16 kW
Kit		KIT-ADC03HE5	KIT-ADC05HE5	KIT-ADC07HE5	KIT-ADC09HE5	KIT-ADC12HE5	KIT-ADC16HE5
Heating capacity (A +7°C, W 35°C)	kW	3,20	5,00	7,00	9,00	12,00	16,00
COP (A +7°C, W 35°C)		5,00	4,63	4,46	4,13	4,74	4,28
Heating capacity (A +7°C, W 55°C)	kW	3,20	5,00	6,80	8,90	12,00	14,50
COP (A +7°C, W 55°C)		2,67	2,65	2,63	2,41	2,88	2,68
Heating capacity (A +2°C, W 35°C)	kW	3,20	4,20	6,55	6,70	11,40	13,00
COP (A +2°C, W 35°C)		3,56	3,11	3,34	3,13	3,44	3,28
Heating capacity (A +2°C, W 55°C)	kW	3,20	4,10	6,00	6,00	9,10	9,80
COP (A +2°C, W 55°C)		2,15	1,98	1,99	1,99	2,20	2,17
Heating capacity (A -7°C, W 35°C)	kW	3,20	4,20	5,15	5,90	10,00	11,40
COP (A -7°C, W 35°C)		2,69	2,59	2,68	2,52	2,73	2,57
Heating capacity (A -7°C, W 55°C)	kW	3,20	3,55	4,80	5,80	8,20	9,00
COP (A -7°C, W 55°C)		1,72	1,71	1,89	1,88	1,92	1,82
Cooling capacity (A 35°C, W 7°C)	kW	3,20	4,50	6,00	7,00	10,00	12,20
EER (A 35°C, W 7°C)		3,08	2,69	2,63	2,43	2,81	2,56
Cooling capacity (A 35°C, W 18°C)	kW	3,30	5,00	6,00	7,00	10,00	12,20
EER (A 35°C, W 18°C)		3,75	3,76	3,57	3,26	4,17	4,12
Heating average climate. Seasonal energy efficiency (W 35°C / W 55°C)	s %	195 / 130	195 / 130	190 / 130	190 / 130	190 / 134	190 / 130
Heating average climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	4,95 / 3,33	4,95 / 3,33	4,83 / 3,33	4,83 / 3,33	4,83 / 3,43	4,83 / 3,33
Heating average climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate. Seasonal energy efficiency (W 35°C / W 55°C)	s %	244 / 163	244 / 163	225 / 160	225 / 160	245 / 159	245 / 169
Heating warm climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	6,18 / 4,15	6,18 / 4,15	5,70 / 4,08	5,70 / 4,08	6,20 / 4,05	6,20 / 4,30
Heating warm climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A+++ / A+++	A+++ / A+++	A+++ / A+++	A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate. Seasonal energy efficiency (W 35°C / W 55°C)	s %	150 / 103	150 / 103	160 / 115	160 / 115	168 / 121	168 / 121
Heating cold climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	3,83 / 2,65	3,83 / 2,65	4,08 / 2,95	4,08 / 2,95	4,28 / 3,10	4,28 / 3,10
Heating cold climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A++ / A+	A++ / A+	A++ / A+	A++ / A+	A++ / A+	A++ / A+
Indoor unit		WH-ADC0309H3E5	WH-ADC0309H3E5	WH-ADC0309H3E5	WH-ADC0309H3E5	WH-ADC1216H6E5	WH-ADC1216H6E5
Indoor sound pressure (Heat)	dB(A)	28	28	28	28	33	33
Indoor sound pressure (Cool)	dB(A)	28	28	28	28	33	33
Indoor dimension (Height)	mm	1800	1800	1800	1800	1800	1800
Indoor dimension (Width)	mm	598	598	598	598	598	598
Indoor dimension (Depth)	mm	717	717	717	717	717	717
Indoor net weight	kg	124	124	124	124	124	124
Water pipe connector	Inch	R 1¼	R 1¼	R 1¼	R 1¼	R 1¼	R 1¼
A class pump (Number of speeds)		Variable Speed	Variable Speed	Variable Speed	Variable Speed	Variable Speed	Variable Speed
A class pump (Input power Min)	W	30	30	30	30	36	36
A class pump (Input power Max)	W	120	120	120	120	152	152
Heating water flow (T=5 K, 35°C)	L/min	9,20	14,30	20,10	25,80	34,40	45,90
Capacity of integrated electric heater	kW	3,00	3,00	3,00	3,00	6,00	6,00
Indoor recommended fuse	A	15 / 15	15 / 15	30 / 15	30 / 15	30 / 30	30 / 30
Recommended cable size, supply 1	mm²	3 x 1,5	3 x 1,5	3 x 2,5	3 x 2,5	3 x 4,0	3 x 4,0
Recommended cable size, supply 2	mm²	3 x 1,5	3 x 1,5	3 x 1,5	3 x 1,5	3 x 4,0	3 x 4,0
Water volume	L	185	185	185	185	185	185
Maximum water temperature	°C	65	65	65	65	65	65
Material inside tank		Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Tapping profile according EN16147		L	L	L	L	L	L
DHW tank ERP average climate efficiency rating (2)	A+ to F	A+	A+	A	A	A	A
DHW tank ERP warm climate efficiency rating (2)	A+ to F	A+	A+	A+	A+	A	A
DHW tank ERP cold climate efficiency rating (2)	A+ to F	A	A	A	A	A	B
DHW tank ERP average climate	wh %	120	120	113	113	95	91
DHW tank ERP average climate SCOP		3,00	3,00	2,83	2,83	2,38	2,28
DHW tank ERP warm climate	wh %	147	147	132	132	110	107
DHW tank ERP warm climate SCOP		3,68	3,68	3,30	3,30	2,75	2,68
DHW tank ERP cold climate	wh %	94	94	86	86	75	72
DHW tank ERP cold climate SCOP		2,35	2,15	2,15	1,88	1,80	1,88
Outdoor unit		WH-UD03HE5-1	WH-UD05HE5-1	WH-UD07HE5-1	WH-UD09HE5-1	WH-UD12HE5	WH-UD16HE5
Outdoor sound power part load (Heat) (3)	dB(A)	55	55	59	59	65	65
Outdoor sound power full load (Heat)	dB(A)	64	65	68	69	69	72
Outdoor sound power full load (Cool)	dB(A)	65	66	66	68	68	72
Outdoor dimension (Height)	mm	622	622	795	795	1340	1340
Outdoor dimension (Width)	mm	824	824	900	900	900	900
Outdoor dimension (Depth)	mm	298	298	320	320	320	320
Outdoor net weight	kg	39	39	66	66	101	101
Refrigerant (R410A) / CO2 Eq.	kg / T	1,20 / 2,506	1,20 / 2,506	1,45 / 3,028	1,45 / 3,028	2,55 / 5,324	2,55 / 5,324
Pipe diameter (Liquid)	Inch (mm)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	1/4 (6,35)	3/8 (9,52)	3/8 (9,52)
Pipe diameter (Gas)	Inch (mm)	1/2 (12,70)	1/2 (12,70)	5/8 (15,88)	5/8 (15,88)	5/8 (15,88)	5/8 (15,88)
Pipe length range	m	3 ~ 15	3 ~ 15	3 ~ 40	3 ~ 40	3 ~ 50	3 ~ 50