

Aquarea LT Kombi-Hydromodule Generation „H“ Heizen und Kühlen ADC dreiphasig R410A		Dreiphasig
Kit		KIT-ADC16HE8
Heating capacity (A +7°C, W 35°C)	kW	16,00
COP (A +7°C, W 35°C)		4,28
Heating capacity (A +7°C, W 55°C)	kW	14,50
COP (A +7°C, W 55°C)		2,68
Heating capacity (A +2°C, W 35°C)	kW	13,00
COP (A +2°C, W 35°C)		3,28
Heating capacity (A +2°C, W 55°C)	kW	9,80
COP (A +2°C, W 55°C)		2,17
Heating capacity (A -7°C, W 35°C)	kW	11,40
COP (A -7°C, W 35°C)		2,57
Heating capacity (A -7°C, W 55°C)	kW	9,00
COP (A -7°C, W 55°C)		1,82
Cooling capacity (A 35°C, W 7°C)	kW	12,20
EER (A 35°C, W 7°C)		2,56
Cooling capacity (A 35°C, W 18°C)	kW	12,20
EER (A 35°C, W 18°C)		4,12
Heating average climate. Seasonal energy efficiency (W 35°C / W 55°C)	ηs %	190 / 130
Heating average climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	4,83 / 3,33
Heating average climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A+++ / A++
Heating warm climate. Seasonal energy efficiency (W 35°C / W 55°C)	ηs %	245 / 169
Heating warm climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	6,20 / 4,30
Heating warm climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A+++ / A+++
Heating cold climate. Seasonal energy efficiency (W 35°C / W 55°C)	ηs %	168 / 121
Heating cold climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	4,28 / 3,10
Heating cold climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A++ / A+
Indoor unit		WH-ADC0916H9E8
Indoor sound pressure (Heat)	dB(A)	33
Indoor sound pressure (Cool)	dB(A)	33
Indoor dimension (Height)	mm	1800
Indoor dimension (Width)	mm	598
Indoor dimension (Depth)	mm	717
Indoor net weight	kg	126
Water pipe connector	Inch	R 1¼
A class pump (Number of speeds)		Variable Speed
A class pump (Input power Min)	W	36
A class pump (Input power Max)	W	152
Heating water flow (ΔT=5 K, 35°C)	L/min	45,90
Capacity of integrated electric heater	kW	9,00
Indoor recommended fuse	A	16 / 16
Recommended cable size, supply 1	mm²	5 x 1,5
Recommended cable size, supply 2	mm²	5 x 1,5
Water volume	L	185
Maximum water temperature	°C	65
Material inside tank		Stainless steel
Tapping profile according EN16147		L
DHW tank ERP average climate efficiency rating (2)	A+ to F	A
DHW tank ERP warm climate efficiency rating (2)	A+ to F	A
DHW tank ERP cold climate efficiency rating (2)	A+ to F	B
DHW tank ERP average climate η	ηwh %	91
DHW tank ERP average climate SCOP		2,28
DHW tank ERP warm climate η	ηwh %	107
DHW tank ERP warm climate SCOP		2,68
DHW tank ERP cold climate η	ηwh %	72
DHW tank ERP cold climate SCOP		1,88
Outdoor unit		WH-UD16HE8
Outdoor sound power part load (Heat) (3)	dB(A)	65
Outdoor sound power full load (Heat)	dB(A)	72
Outdoor sound power full load (Cool)	dB(A)	72
Outdoor dimension (Height)	mm	1340
Outdoor dimension (Width)	mm	900
Outdoor dimension (Depth)	mm	320
Outdoor net weight	kg	107
Refrigerant (R410A) / CO2 Eq.	kg / T	2,55 / 5,324
Pipe diameter (Liquid)	Inch (mm)	3/8 (9,52)
Pipe diameter (Gas)	Inch (mm)	5/8 (15,88)
Pipe length range	m	3 ~ 30
Elevation difference (in/out)	m	20
Pipe length for additional gas	m	10
Additional gas amount	g/m	50
Operation range (Outdoor ambient)	°C	-20 ~ +35
Water outlet (Heat)	°C	20 ~ 55
Water outlet (Cool)	°C	5 ~ 20