

Aquarea T-CAP   Splitsysteme   Generation „H“   Heizen und Kühlen   SQC (SuperQuiet)   dreiphasig   R410A		Dreiphasig
		<b>16 kW</b>
Kit		KIT-WQC16H9E8
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	16,00
COP (A +7°C, W 55°C)		2,71
Heating capacity (A +2°C, W 35°C)	kW	16,00
COP (A +2°C, W 35°C)		3,10
Heating capacity (A +2°C, W 55°C)	kW	16,00
COP (A +2°C, W 55°C)		2,13
Heating capacity (A -7°C, W 35°C)	kW	16,00
COP (A -7°C, W 35°C)		2,49
Heating capacity (A -7°C, W 55°C)	kW	16,00
COP (A -7°C, W 55°C)		1,86
Cooling capacity (A 35°C, W 7°C)	kW	12,20
EER (A 35°C, W 7°C)		2,57
Cooling capacity (A 35°C, W 18°C)	kW	12,20
EER (A 35°C, W 18°C)		3,49
Heating average climate. Seasonal energy efficiency (W 35°C / W 55°C)	ηs %	160 / 125
Heating average climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	4,08 / 3,20
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 %	231 / 159
Heating warm climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	5,85 / 4,05
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 %	150 / 125
Heating cold climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	3,83 / 3,20
Heating cold climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A++ / A++
Indoor unit		WH-SQC16H9E8
Indoor sound pressure (Heat)	dB(A)	33
Indoor sound pressure (Cool)	dB(A)	33
Indoor dimension (Height)	mm	892
Indoor dimension (Width)	mm	500
Indoor dimension (Depth)	mm	340
Indoor net weight	kg	45
Water pipe connector	Inch	R 1¼
A class pump (Number of speeds)		Variable Speed
A class pump (Input power Min)	W	30
A class pump (Input power Max)	W	105
Heating water flow (ΔT=5 K, 35°C)	L/min	45,90
Capacity of integrated electric heater	kW	9,00
Indoor recommended fuse	A	15 / 30
Recommended cable size, supply 1	mm²	5 x 1,5
Recommended cable size, supply 2	mm²	5 x 1,5
Outdoor unit		WH-UQ16HE8
Outdoor sound power part load (Heat) (3)	dB(A)	62
Outdoor sound power full load (Heat)	dB(A)	65
Outdoor sound power full load (Cool)	dB(A)	68
Outdoor dimension (Height)	mm	1410
Outdoor dimension (Width)	mm	1283
Outdoor dimension (Depth)	mm	320
Outdoor net weight	kg	161
Refrigerant (R410A) / CO2 Eq.	kg / T	2,99 / 6,243
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	-28 ~ +35
Water outlet (Heat)	°C	20 ~ 60
Water outlet (Cool)	°C	5 ~ 20

1) Schallleistungspegel des Außengeräts bei A7/W55 gemäß EU-Verordnungen 811/2013 und 813/2013 sowie EN12102-1:2017. EER-/COP-Werte werden in Übereinstimmung mit EN14511 berechnet.

## Zubehör