

Hydraulic Split L Generation 1 phase · R290

Aquarea High Performance Hydraulic Split All in One L Generation Single phase

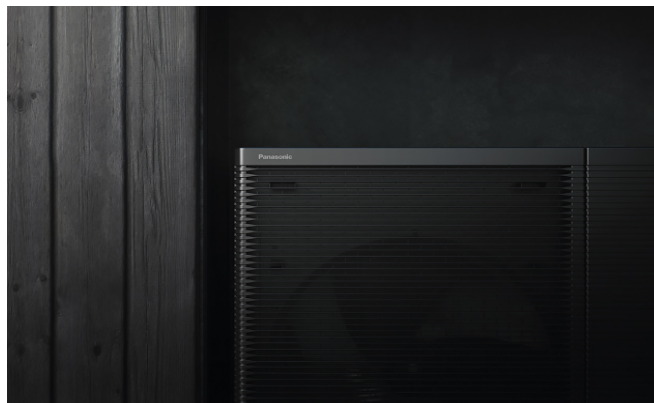
A revolution in design, efficiency, connectivity and sustainability. Aquarea L Generation is engineered with industry leading R290 natural refrigerant with GWP 3. It is the perfect solution for renovations, where a high water outlet temperature is required or homes looking for avant-garde heat pump with natural refrigerant.

Outstanding efficiency and energy savings with minimised CO₂ emissions and minimum space.

A premium white, faithful to the Aquarea spirit underlined by the seamlessly integrated controller which provides a sleek black band across the unit. The All in One model maintains its compactness with its encroachment of only 599 x 602mm, comparable to a household appliance.

The outdoor units, with an Anthracite Grey colour which will dress the entire range, have been completely redesigned with an innovative design that will find its place in all spaces.

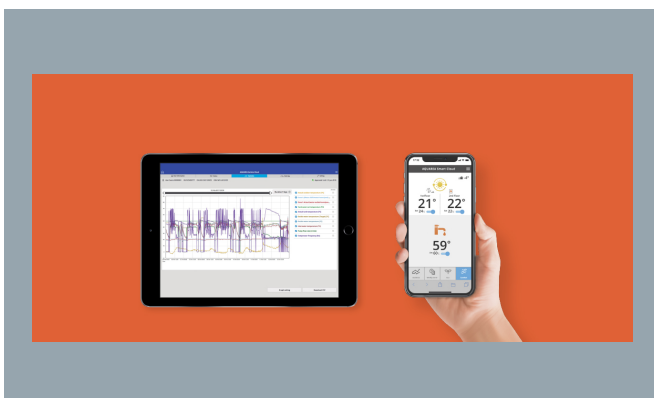
- Natural refrigerant R290 with GWP 3
- A+++ in heating at 35°C and A+ in DHW
- DHW up to 65°C without heater
- Stainless steel DHW tank with U-Vacua™ insulation panel
- DHW COP up to 3,60
- Hydraulic connection between indoor and outdoor
- Built-in magnetic water filter
- Operation without backup heating at -25°C
- 75°C water outlet temperature maximum at -10°C outside temperature
- 55°C hot water even at -25°C outside temperature
- Optimised user interface and improved features
- Wi-Fi adapter included



Aquarea L Generation of air to water heat pumps

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Aquarea Service Cloud. Control for today and for the future

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Learn how to use your heat pump, all about Aquarea Smart and Service Cloud and much more.

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We take care of your heat pump, so you can relax and enjoy a cosy and warm home.

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Helping you to find the Aquarea Heat Pump for your home in just a few clicks!

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AR Heat Pump Viewer

Interested to see how a Panasonic Aquarea Heat Pump looks in your home?

Try the new Panasonic AR projector, utilising augmented reality!

[TRY THE AQUAREA AR HEAT PUMP VIEWER](#)



Heat Recovery Ventilation unit for a low-energy house

Ventilation systems with heat recovery offer users a high degree of living comfort thanks to temperature controlled and clean air.

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Hydraulic Split L Generation 1 phase · R290		SINGLE PHASE		
		5 kW	7 kW	9 kW
Kit 3kW electric heater		KIT-ADC05L3E5	KIT-ADC07L3E5	KIT-ADC09L3E5
Kit 6kW electric heater		KIT-ADC05L6E5	KIT-ADC07L6E5	KIT-ADC09L6E5
Heating capacity (A +7°C, W 35°C)	kW	5,00	7,00	9,00
COP (A +7°C, W 35°C)		5,05	4,93	4,55
Heating capacity (A +7°C, W 55°C)	kW	5,00	7,00	8,90
COP (A +7°C, W 55°C)		3,07	2,98	3,03
Heating capacity (A +2°C, W 35°C)	kW	5,00	6,85	7,00
COP (A +2°C, W 35°C)		3,52	3,43	3,41
Heating capacity (A +2°C, W 55°C)	kW	5,00	6,25	7,00
COP (A +2°C, W 55°C)		2,34	2,34	2,41
Heating capacity (A -7°C, W 35°C)	kW	5,00	5,80	7,00
COP (A -7°C, W 35°C)		3,01	3,01	2,80
Heating capacity (A -7°C, W 55°C)	kW	5,00	5,80	7,00
COP (A -7°C, W 55°C)		2,12	2,12	2,13
Cooling capacity (A 35°C, W 7°C)	kW	5,00	7,00	8,20
EER (A 35°C, W 7°C)		3,23	3,03	2,82
Cooling capacity (A 35°C, W 18°C)	kW	5,00	7,00	9,00
EER (A 35°C, W 18°C)		5,00	4,73	4,19
Heating average climate. Seasonal energy efficiency SCOP (W 35°C / W 55°C)	SCOP	5,06 / 3,63	4,96 / 3,62	4,84 / 3,67
Heating average climate. Seasonal energy efficiency η (W 35°C / W 55°C)	η %	200 / 142	195 / 142	190 / 144
Heating average climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate. Seasonal energy efficiency SCOP (W 35°C / W 55°C)	SCOP	6,00 / 4,27	6,31 / 4,52	6,44 / 4,50
Heating warm climate. Seasonal energy efficiency η (W 35°C / W 55°C)	η %	237 / 168	249 / 178	255 / 177
Heating warm climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A+++ / A+++	A+++ / A+++	A+++ / A+++

Hydraulic Split L Generation 1 phase · R290		SINGLE PHASE		
		5 kW	7 kW	9 kW
Heating cold climate. Seasonal energy efficiency SCOP (W 35°C / W 55°C)	SCOP	4,25 / 3,28	4,25 / 3,29	4,31 / 3,33
Heating cold climate. Seasonal energy efficiency η (W 35°C / W 55°C)	η_s %	167 / 128	167 / 129	170 / 130
Heating cold climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A++ / A++	A++ / A++	A++ / A++
Indoor unit 3kW electric heater		WH-ADC0509L3E5	WH-ADC0509L3E5	WH-ADC0509L3E5
Indoor unit 6kW electric heater		WH-ADC0509L6E5	WH-ADC0509L6E5	WH-ADC0509L6E5
Indoor sound pressure (Heat)	dB(A)	28	28	28
Indoor sound pressure (Cool)	dB(A)	28	28	28
Indoor dimension (Height)	mm	1.642	1.642	1.642
Indoor dimension (Width)	mm	599	599	599
Indoor dimension (Depth)	mm	602	602	602
Indoor net weight	kg	93 (3kW) / 94 (6kW)	93 (3kW) / 94 (6kW)	93 (3kW) / 94 (6kW)
Water pipe connector (room)	Inch	1-1/4	1-1/4	1-1/4
Water pipe connector (shower)	Inch	3/4	3/4	3/4
A class pump (Number of speeds)		Variable Speed	Variable Speed	Variable Speed
A class pump (Input power Min)	W	30	30	30
A class pump (Input power Max)	W	145	145	145
Heating water flow ($\Delta T=5$ K. 35°C)	L/min	14,3	20,1	25,8
Water volume	L	185	185	185
Maximum DHW temperature	°C	65	65	65
Material inside tank		Stainless steel	Stainless steel	Stainless steel
Tapping profile according EN16147		L	L	L
DHW tank ERP average climate efficiency rating (2)	A+ to F	A+	A+	A+
DHW tank ERP warm climate efficiency rating (2)	A+ to F	A+	A+	A+
DHW tank ERP cold climate efficiency rating (2)	A+ to F	A	A	A
DHW tank ERP average climate η	η_{wh} %	146	146	146

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		5 kW	7 kW	9 kW
DHW tank ERP average climate COPdHW	COPdHW	3,60	3,60	3,60
DHW tank ERP warm climate η	η_{wh} %	160	160	160
DHW tank ERP warm climate COPdHW	COPdHW	4,00	4,00	4,00
DHW tank ERP cold climate η	η_{wh} %	112	112	112
DHW tank ERP cold climate COPdHW	COPdHW	2,80	2,80	2,80
Outdoor unit		WH-WDG05LE5	WH-WDG07LE5	WH-WDG09LE5
Outdoor sound power (Heat) (3)	dB(A)	52	53	54
Outdoor dimension (Height)	mm	996	996	996
Outdoor dimension (Width)	mm	980	980	980
Outdoor dimension (Depth)	mm	430	430	430
Outdoor net weight	kg	98	98	97
Refrigerant (R290) / CO2 Eq.	kg / T	0,96 / 0,003	0,96 / 0,003	1,00 / 0,003
Water pipe connector (indoor units)	Inch	1	1	1
Water pipe connector (outdoor units)	Inch	1	1	1
Pipe length range standard	m	5	5	5
Pipe length range maximum	m	30	30	30
Elevation difference (in/out)	m	10	10	10
Operation range - Outdoor ambient (Heat)	°C	-25 ~ +35	-25 ~ +35	-25 ~ +35
Operation range - Outdoor ambient (Cool)	°C	+10 ~ +43	+10 ~ +43	+10 ~ +43
Water outlet (Heat)	°C	20 ~ 75	20 ~ 75	20 ~ 75
Water outlet (Cool)	°C	5 ~ 20	5 ~ 20	5 ~ 20
Electrical information		3kW — 6kW	3kW — 6kW	3kW — 6kW
Electric backup heater (3kW — 6kW)	kW	3,00 — 6,00	3,00 — 6,00	3,00 — 6,00
Recommended RCD, supply 1 (3kW — 6kW)	A	25 — 25	25 — 25	25 — 25
Recommended RCD, supply 2 (3kW — 6kW)	A	16 — 30	16 — 30	16 — 30
Recommended minimum cable size, supply 1 (3kW — 6kW) (4)	mm ²	3x2,5 — 3x2,5	3x2,5 — 3x2,5	3x2,5 — 3x2,5

Hydraulic Split L Generation 1 phase · R290		SINGLE PHASE		
		5 kW	7 kW	9 kW
Recommended minimum cable size, supply 2 (3kW — 6kW) (4)	mm ²	3x1,5 — 3x4,0	3x1,5 — 3x4,0	3x1,5 — 3x4,0

(1) Scale from A+++ to D.

(2) Scale from A+ to F.

(3) The sound power level is measured with accordance to EN12102 under conditions of the EN14825 (part load).

(4) Check local regulations.

* EER and COP calculation is based in accordance to EN14511.

** This product is designed to comply with the European Water Quality Directive 98/83/EC amended by 2015/1787/EU. The lifespan of the product is not guaranteed in the case of the use of groundwater, such as spring water or well water, the use of tap water when salt or other impurities are contained, nor in areas of acidic water quality. Maintenance and warranty costs related to these cases are the customer's responsibility.

Complementary products

