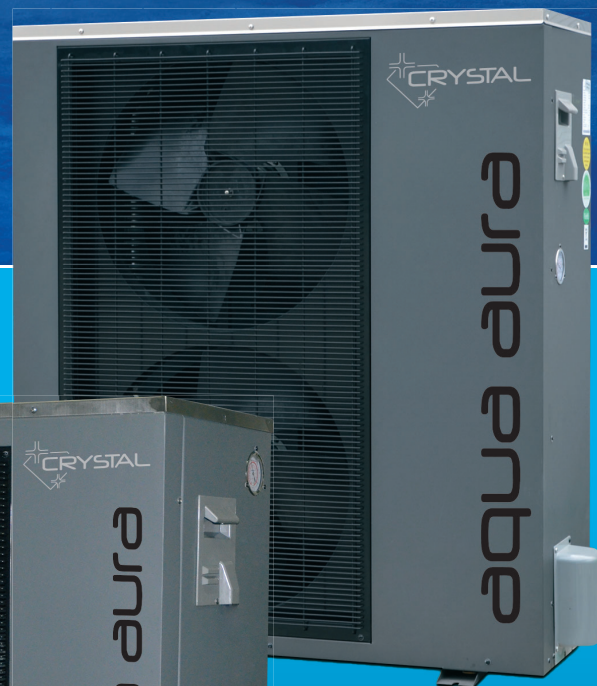


INVERTER HEAT PUMPS

AIR-TO-WATER



- Built-in 3-way valve
- Multilingual menu
- Easy installation
- Vacation mode

and **MORE**

MAIN FEATURES

- Built-in 3-way valve
- Built-in 6 kW electrical heater for back-up
- Built-in flow switch
- 4,3" touch screen operational panel
- Multilingual menu
- Dual zone water temperature settings
- Possibility to control the circulation pump for heating and DHW (domestic hot water)
- Heating mode at up to -25°C outside air temperature
- Auto Heat/Cool switch-over mode
- Low noise operation mode
- Anti-Legionella program
- Vacation mode
- Easy installation and after-sales service

Model			Aqua Aura II 9S	Aqua Aura II 12S	Aqua Aura II 15S	Aqua Aura II 19S
Class energy efficiency - low temperature application (W35)			A+++	A+++	A+++	A+++
Power supply	V/Hz/Ph		220-240/50/1	220-240/50/1	380-420/50/3	380-420/50/3
Heating capacity (W35°C @ A7°C)	kW		9.2	11.6	15.35	18.5
C.O.P min./max.	W/W		4.38/4.71	4.3/4.9	4.78/5.06	4.47/5.01
Heating capacity min./max. (W35°C @ A7°C)	kW		4.3/9.2	5.5/11.6	6/15.35	9.2/18.5
Power supply min./max. (W35°C @ A7°C)	kW		0.927/2.097	1.107/2.683	1.222/3.209	1.834/4.142
Heating capacity (W45°C @ A7°C)	kW		8.6	11.2	14.26	18.2
C.O.P min./max.	W/W		3.37 / 3.58	3.30 / 3.50	3.64 / 3.82	3.60 / 3.82
Heating capacity min./max.	kW		3.9/8.6	4.9/11.2	5.6/14.26	8.5/18.2
Power supply min./max.	kW		1.162/2.550	1.401/3.263	1.551/3.913	2.248/4.998
Cooling supply (W18°C @ A35°C)	kW		9.5	9.8	18.57	22.5
E.E.R min./max.	W/W		4.0/4.6	3.8 / 4.0	3.78 / 5.42	3.58 / 5.12
Cooling supply min./max.	kW		6.7/9.5	7.2 / 9.8	7.23 / 18.57	8.5 / 22.5
Power supply min./max.	kW		1.679/2.242	1.791 / 2.510	1.334/4.917	1.660 / 6.285
Cooling supply (W7°C @ A35°C)	kW		7.2	8.5	13	16
E.E.R min./max.	W/W		2.8/3.1	2.6/3.5	2.96/3.29	2.85/3.2
Cooling supply min./max.	kW		4.9/7.2	4.9/8.5	4.46/13	5.5.2016
Power supply min./max.	kW		1.452/2.366	1.358/2.987	2.592/4.390	2.97/5.51
Ambient operation temp. range	Heating/Cooling	°C	-25 ~ 43	-25 ~ 43	-25 ~ 43	-25 ~ 43
Min.temperature in the system	Heating/Cooling	°C	20/7	20/7	20/7	20/7
Compressor	Type	-	Twin DC Rotary	Twin DC Rotary	Twin DC Rotary	Twin DC Rotary
	Pcs.	-	1	1	2	2
	Airflow	m3/h	3150	3150	6200	7000
Fan	Power supply	W	45	45	90	120
	Noise level	Indoor/Outdoor	dB(A)	44/53	44/52	44/59
Heat exchanger	Type	-	Plate	Plate	Plate	Plate
	Pressure drop	kPa	26	26	26	26
	Pipe connections	Inch	G1"	G1"	G1-1/4"	G1-1/4"
Water flow	Min./Mid./Max.	l/s	0.26/0.43/0.52	0.34/0.57/0.68	0.43/0.71/0.85	0.55/0.92/1.1
Dimensions net / packing WxLxH	Indoor unit	mm	"500x300x750/ 580x350x820"	"500x300x750/ 580x350x820"	"500x300x750/ 580x350x820"	"500x300x750/ 580x350x820"
	Outdoor unit	mm	"1165x370x850/ 1230x480x1020"	"1165x370x850/ 1230x480x1020"	"1085x400x1450/ 1140x460x1590"	"1085x400x1450/ 1140x460x1590"
Refrigerant	Type / qty	kg	R32 / 1.6	R32 / 1.8	R32 / 2.6	R32 / 3.0
	Additional load > 5m	g/m	30	30	30	30
Pipe connections	Liquid - gas	inch	3/8" - 5/8"	3/8" - 5/8"	3/8" - 3/4"	3/8" - 3/4"
	Max. length	m	20	20	20	20
Net weight	Indoor/ Outdoor unit	kg	39 / 75	39 / 79	42 /110	42 / 120

