



AWA MODULA 25-50-100

Technical Sheets

January 2018



AWA MODULA 25-50-100

Presentation

The new AWA MODULA systems range produce from 250 litres of water per day to 1,000 litres per day, in addition to primary fresh air and hot water for the heating circuit. AWA 25-50-100 can be modulated in order to guarantee the best integration with HVAC (Heating, Ventilation, Air Conditioning) systems and ensure great ENERGY SAVINGS.

The new AWA MODULA systems range can be easily installed in private houses, hotels, resorts, residential buildings, communities, etc. The use of the AWA MODULA functions ensures great energy savings, that allows to achieve the water production for free.



AWA 25 RANGE, 250 litres/day

AWA-W: only water production

AWA-HWA: External water heating circuit, production of primary fresh & dry air

AWA 25-50-100 can be combined with different water treatments systems

AWA 0: pure air-to water without any water treatments and mineralization.

DRINKING ECO: allows to obtain neutralized water, which is additioined in this way of calcium carbonate able to produce a quality and sanitized drinking water at a basic level in accordance with the main current regulations.

DRINKING PREMIUM: this configuration is the best quality mineralized drinking water in commerce and we are proud to compare it to the best bottled water on sale worldwide. In AWA DRINKING PREMIUM we can find all the best substances and elements of all typical good mineral water, such as magnesium, calcium, sulphates and carbonates and many other important elements.

AWA MODULA 25

Technical Sheet

W - HWA

SEAS solution which produces high quality drinking water for human consumption of 250 litres/day at 30°C - 70% R.H. nominal environment conditions.

AWA MODULA 25 - XY		
Nominal water production 30°-70% R.H.	250 litres/day	
Rated input power 30°C - 70% R.H.	2,92 kW	
Energy consumption	0.28 kWh/litres ± 5%	
Cooling circuit coolant	Environment friendly - R134a	
Sound pressure level	55 dBA (at a distance of 10m)	
Size (W x D x H)	2205 x 880 x 1870 mm	
Weight	395 kg	
Operating range	from 5°C/ 90% R.H. to 50°C/10% R.H.	
X Options	Power Supply	Y Options
S version	LRA - 16 A	MRA - 16 A
A version	LRA - 6 A	MRA - 6 A
L version	LRA - 10 A	MRA 10 - A
Max power absorbed	3 kW	
AWA MODULAW		AWA MODULA HWA
Available heating thermal power (Water)	N/D	11 kW - 270 lt/h 50°C
Available cooling thermal power (Air)	N/D	1150m ³ /h at 24°C-40& R.H.

*depending on the water production requirement

AWA MODULA 50

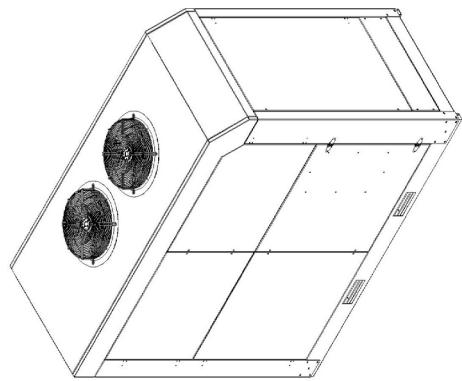
Technical Sheet

W - HWA

SEAS solution which produces high quality drinking water for human consumption of 500 litres/day at 30°C - 70% R.H. nominal environment conditions.

AWA MODULA 50 - XY

Nominal water production 30°-70% R.H.	500 litres/day
Rated input power 30°C - 70% R.H.	5,83 kW
Energy consumption	0.28 kWh/litres ± 5%
Cooling circuit coolant	Environment friendly - R134a
Sound pressure level	55 dBA (at a distance of 10m)
Size (W x D x H)	2205 x 950 x 1870 mm
Weight	590 kg
Operating range	from 5°C/ 90% R.H. to 50°C/10%



X Options	Power Supply	Y Options	Water Treatment System
A version	380V ±10%/3Ph/50-60Hz	LRA - 12 A	MRA -12 A
L version	220V ±10%/3Ph/60Hz	LRA - 20 A	MRA - 20 A
Max power absorbed	7 kW	DP	DRINKING PREMIUM

	AWA MODULA W	AWA MODULA HWA
Available heating thermal power (Water)	N/D	22 kW - 540 lt/h 50°C
Available cooling thermal power (Air)	N/D	2300m³/h at 24°C-40& R.H.

*depending on the water production requirement

AWA MODULA 100

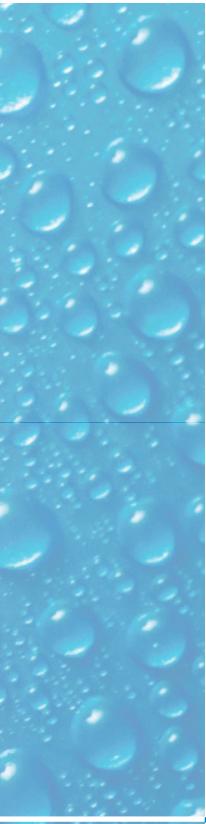
Technical Sheet

W - HWA

SEAS solution which produces high quality drinking water for human consumption of 1,000 litres/day at 30°C - 70% R.H. nominal environment conditions.

AWA MODULA 100 - XY		
Nominal water production 30°-70% R.H.		
Nominal water production 30°-70% R.H.	1,000 litres/day	
Rated input power 30°C - 70% R.H.	11,67 kW	
Energy consumption	0.28 kWh/litres ± 5%	
Cooling circuit coolant	Environment friendly - R134a	
Sound pressure level	55 dBA (at a distance of 10m)	
Size (W x D x H)	2205 x 1450 x 1870 mm	
Weight	790 kg	
Operating range	from 5°C/ 90% R.H. to 50°C/10% R.H.	
X Options		
Power Supply		
A version	380V ±10%/3Ph/50-60Hz	LRA - 24 A
L version	220V ±10%/3Ph/60Hz	LRA - 40 A
Max power absorbed		
	14 kW	DP
Y Options		
Water Treatment System		
		ZERO
		DRINKING ECO
		DRINKING PREMIUM
AWA MODULA W		
AWA MODULA HWA		
Available heating thermal power (Water)	N/D	44 kW - 1,080 l/h 50°C
Available cooling thermal power (Air)	N/D	4600m ³ /h at 24°C-40& R.H.

*depending on the water production requirement



SEAS GROUP

SEAS SA

via Industria 13/A,
CH-6826 Riva San Vitale, Switzerland
Tel: +41 91 610 29 80
Email: info@seas-sa.com

SEAS FALCON TRADING LLC

Al Bateen Area, W35, C2 Tower
Floor 10, Offices 1011, 1012
Abu Dhabi, United Arab Emirates
Tel: +971 2 652 6835

ATW RESOURCES, LLC

767 Third Avenue
Fourteenth Floor,
New York, NY 10017
Tel: +1 212 994 0600

SEAS DISTRIBUTOR OCEANIA, SOUTHEAST ASIA

ATMOS BLUE PTY LTD

PO BOX 15496, CITY EAST
BRISBANE, AUSTRALIA 4002
Tel: +61 (0)408406344
Tel: +61 (0)432044144
Email: info@atmosblue.com

www.seas-sa.com

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