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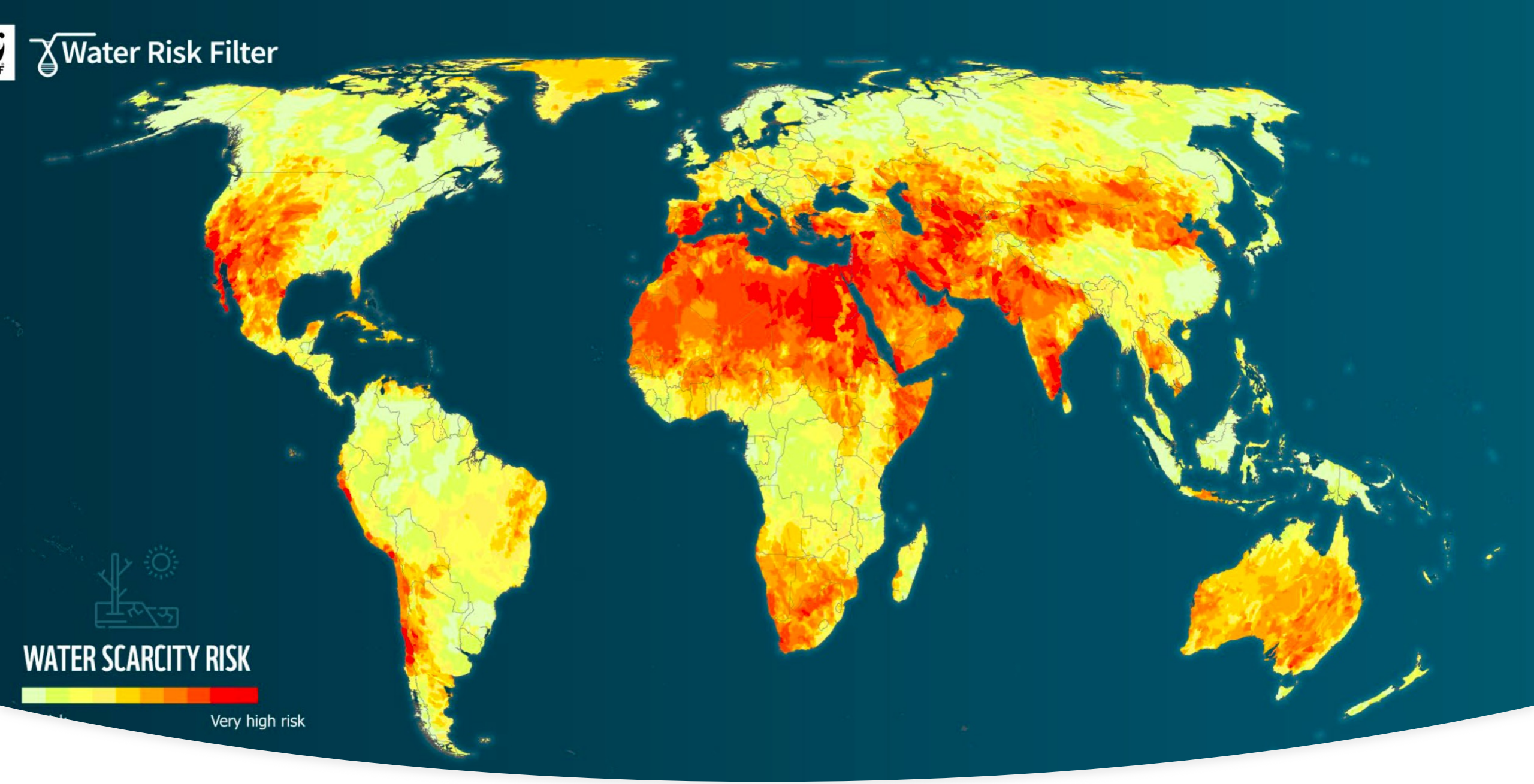
UP TO YOU sro - Bratislava
WE OFFER SOLUTIONS

Za Stanicou 10
831 04 Bratislava (SK)
SK2120586292

Operative Contacts
Marco Boemio
C.E.O
Mob +421 948 223435
Mail info@uptoyou.sk


Water Risk Filter
WATER SCARCITY RISK
Very high risk

WHY US

WE are a **Global Company** with **Head office in Switzerland,** associated Companies in **Italy, USA, UAE, Slovakia** and affiliated Companies operating in thermal-technical and robotic.
Thanks to more than 15 years of **R&D** and a staff of highly qualified Engineers and Technical experts WE owns an important portfolio of **Patents** and **Trade secrets** that have made **US** the **LEADER IN AIR TO WATER TECHNOLOGY.**
The double-pass heat exchange technology and our patented system allow to produce the **35**% more of water than any existing Air-To-Water production system and technology, with the same energy consumption.
At 30°C and 70% humidity, 1 m3 of air contains 21.9 g of water vapour. Traditional water production systems can condense approximately the 50% of the available water vapour.
OUR patented technology allows to condense more than the **60**% of the vapour without increasing energy consumption.
We have developed WATER from AIR solutions for Drinkable Water, Agriculture,Industrial cleaning, Hydrogen production, and endless applications, provide machines with integrated thermal energy saving contribution, utilizing the large volumes of hot and cold air produced to reduce energy consumption.
WE offer solutions from **few liters up to 10.000 liters per day in modular systems**, WE are developing **"WATER FARMS"** capable of producing **MILLIONS OF LITERS of Drinkable Water Daily.**
OUR solutions are based on DISTRIBUTED approach, where WATER is produced, where/when is needed without building any Large, Invasive, Expensive distribution infrastructure.
OUR solutions save precious **Groundwater, River Water and Lakes Water for Humans,** OUR solutions allow to save the sea from aggressive plants and infrastructures of desalinators.

WHY US

PROVIDE an alternative source of CLEAN WATER FOR HUMANITY by extracting from AIR in the most energy efficient possibe way
IS OUR MISSION

CREATING Water Sustainability and Safety beneficing Humanity
IS OUR MISSION

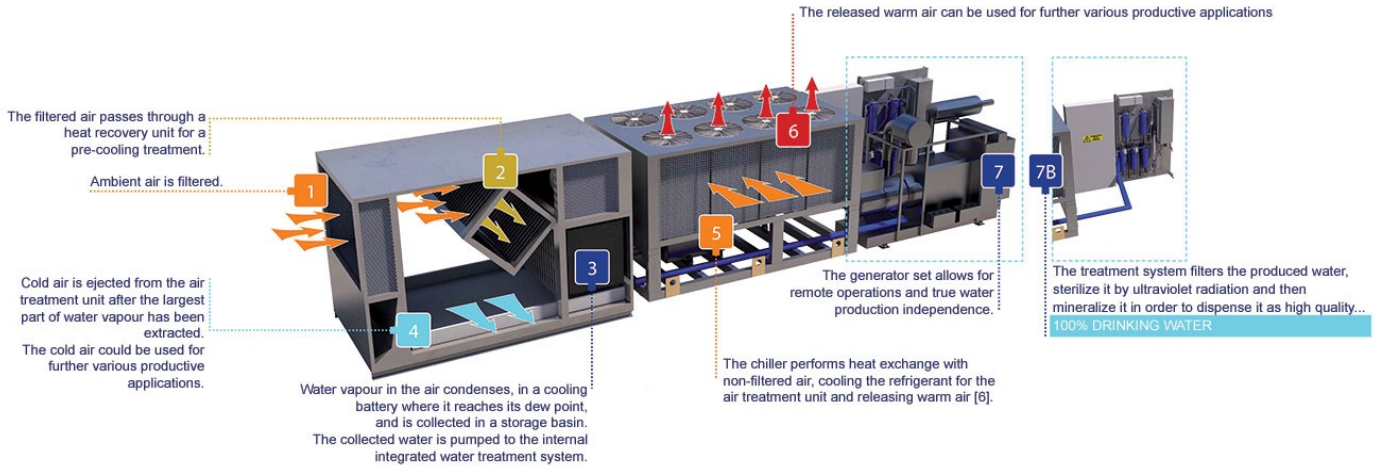
INCREASING the availability of Pure and Safe Water everywhere is needed, bringing weel-being to people in Areas of the World with Scarcity or Absence of Water
IS OUR MISSION

WE start from Customer's needs to realize the best solution and the right application
WE begin a project by analyzing a Customer's needs and objectives, applying our Proprietary Software, WE generate Simulations of Water production and Energy Efficiency Worldwide, giving to the Customer a realistic idea of OUR Technology functionalities resaults.
All systems are CE compliant and conform to International Food&Beverage standards for Human use.
All materials, construction processes and choice of components are oriented toward quality and Water Safety.

IT IS ESSENTIAL CREATE THE MOST EFFICIENT SOLUTION ON EACH APPLICATION

WHY US

Unlike common water treatment technologies (desalination, water purification, sewage treatment etc.), AWA's water production systems do not return any impurities to the local ecosystems and, therefore, do not pollute water. The extraction of water from air provides an almost unlimited source of clean drinking water without damaging the surrounding environment.
AWA systems can be powered by generators using solar energy, wind turbines, and other renewable energy sources, further reducing the carbon footprint, i.e. the emission of climate-altering gases into the atmosphere.
The importance of the clean drinking water available in the atmosphere is underestimated, and can never be stressed enough.
Our Company is committed to supporting non-profit organizations in their efforts to deliver drinking water to disadvantaged populations that lack the resources to meet their own daily water needs.



ENDLESS APPLICATIONS

RESIDENTIAL BUILDINGS

AWA BIM (Building Integration Machine), allows for significant energy savings, which provides simultaneously: Controlled Mechanical Ventilation + Contribution to the Heating of domestic or heating water + humidity control in apartments. At the same time and with the same energy, the BIM also creates high-quality drinking water for human use.

Water is distributed by means of Our dispensers, directly in apartments, or alternatively, by means of common dispensers, in common areas. It is possible to dispense water, also sparkling and cold, with Android or Apple interface or by means of dedicated cards.

The solution has an economic return due to the significant Energy Saving that makes the cost of water negligible.

HOTELS, CAMPING, RESORTS

Our Systems provide Hotels with water + primary fresh air at 10°C less than the outside temperature with controlled humidity and heating at 45°C of the sanitary water and/or the swimming pool and/or the spa and/or for heating. As a result, significant cost savings can be achieved. Allowing for a quick return on investment and a positive operating margin..

This is due to the availability of high-quality water for kitchen use and drinking water for human consumption.

We can also provide a zero plastic bottling and/or dispensing system for the water consumed inside the hotel with a simple solution, and with the possibility of the Hotel to guarantee a high quality self-produced water.

HOSPITALS

AWA Module HM Hospital / Medical: System with Mineral Free Plus Water from Air creation for medical uses with controlled features. This mineral free water can be used with machines dedicated to dialysis, sanitization, hospital cleaning and environmental humidification.

We, by means of the BIM system and/or AWA Modula, can control humidity in hospital rooms in order to maintain a controlled air flow both as to percentage values and safety from bacteria.

ENDLESS APPLICATIONS

GREENHOUSES

AWA MODULE WCH-GH/50 is a System dedicated to the management of a vertical farm, with humidity control and pure water production. Water produced in this manner is particularly suitable to deliver important nutrients for hydroponic crops in vertical farms and greenhouses.

AWA MODULE Systems can also manage and control air conditioning and pure water creation for animal farms, where high-quality water, time, and humidity control is required to obtain an optimal environment for animal breeding and to reduce the use of chemical and pharmaceutical components.

In order to provide high technological and professional complete solutions Our Company and an Italian Company, market leader and specialist in the world of greenhouses design and building, have a partnership aimed at addressing the technological development of vertical farms and high technology greenhouses, providing for innovative design and sustainable and low or zero ecological impact on greenhouses and vertical farm solutions.

Our greenhouse and vertical farms can be built and/or installed in at many different types of sites, in cities as well as open areas, including deserts, as well as in abandoned factories and buildings. Such an approach allows for the production of fruit, vegetables, flowers, medicinal herbs, cosmetic herbs, etc., without the use of chemicals that might have negative side effects.

MARINE INDUSTRY

We developed its own technology for the Marine industry dedicated to boats and yachts.

The technology makes it possible to extract moisture from the air both inside and outside the yacht, condense it into water, purify it and make it available through its own on-board dispensers.

The water produced byour system is for human consumption and it is high quality and safe with strong organoleptic features, easily matching the quality of the best water on the market. Marine solutions avoid the risks of using demineralized water coming from the sea since on-board desalination devices do not eliminate or reduce contaminants naturally found in the sea or those created by plastic debris.

At the same time, it is possible to obtain: ice, fresh water both still and carbonated thanks to our range of dispensers.

The low energy consumption and the high quality of the water make it possible to eliminate the use of plastic bottles on board, with immediate savings in storage space and loading and unloading activities, contributing to environmental sustainability by eliminating the consumption of PLASTIC.

Our Marine machines are built in a modular way, thus they can be easily and quickly installed on both existing and new boats.

ENDLESS APPLICATIONS

WIND ENERGY WITH WATER STORAGE

In wind power systems there is a need to manage the loads of energy production and distribution, in many cases interrupting production itself. As a result, there may be a significant loss of energy otherwise available at very low cost.

The combination of OUR solutions with wind energy generation allows for smart energy production management. Instead of stopping the plant when the energy load is not required, it is possible to use the surplus energy to produce drinking and distilled water, storing or bottling it and reusing at very low energy cost, for the benefit of the local population or for industrial uses.

HYDROGEN PRODUCTION WITH PHOTOVOLTAIC FIELD

This solution involves the use of AWA Systems, in the Mineral Free Plus version, in order to use our water for GREEN hydrogen extraction.

The purity of the water, the photovoltaic feeding, and the continuity and consistency of the water quality make it the ideal solution to be used for the production of hydrogen.

As a result, local underground aquifers are not affected and the access of local communities to the aquifers is not interrupted or challenged.

It is a sustainable solution with no impact on the environment and it allows for a hydrogen production plant to be entirely independent, being truly 100% built and operated with renewable energy of which OUR water is the main product.

CUSTOMIZED SOLUTIONS

WE developed systems composed of AWA Modular Machines combined with a Water Purifier and Modular Storage integrated in Containers.

Such items are served by a manual, simple and economical bottling system for 0.5 litres. glass bottles, coupled with an automatic water bagging machine with volumes from 0.5 litres to 1.5 litres.

With this tailored system solution, we developed applications for the first Oil and Gas company in Mexico, dedicated to remote extraction wells, in order to provide drinking + cleaning water, achieving 1,500 litres per day of produced and distributed water.

Such a solution was also employed by the leading Oil and Gas company in a Workers Villages located in the middle of the desert of the United Arab Emirates near the Oil extraction areas.

In such places We supplied over 2,000 bottles of 0.5 litres per day of high quality water for human use inside the Workers Village + 1500 bags of 0.5 litres per day for workers' use during their work at the extraction wells.

The solutions for remote installations such as Mining, Oil & Gas, Working Fields, Field Hospitals, where there is neither water nor pipelines, are possible thanks to the know-how of our Company and its Partners. WE are able to provide complete solutions, from energy to water, from bottling to distribution, thanks to AWA's technology relating to Renewable Energy, Filling Systems, Air to Water, and Energy Saving.

ENDLESS APPLICATIONS

WE developed a dedicated System for the storage of 25,000 / 50,000 litres of water combined with Module of adequate production from 50 to 1,000 litres per day, all independently powered by photovoltaic plants and controlled via GPRS or satellite.
This solution allows for water reserves strategically located in areas of high risk of fires. And it is all controlled centrally by means of a real time communication network. The storage tanks will always be kept full of water by the AWA MODULA system, which also ensures its control. Everything works with our Photovoltaic Energy Systems.
The solution does not require any construction work or destruction of the existing flora and it is environmentally friendly.
It allows for a fast fire extinguishing intervention with local water reserves, or the use for preventive centrally controlled irrigation.
All this allows for guaranteed and controlled storage of water, protected from the use and abuse of third parties, from animals or from simple evaporation.

ASSISTANCE & MAINTENANCE

ASSISTANCE

WE ensures a world-class customised service, supported by a wide range of technical and professional skills that make Our Company a reliable, flexible partner, capable of offering special, dedicated assistance throughout the world.

INSTALLATION & START UP

WE can rely on a team of engineers particularly skilled in installation and set in motion start up of the our water production system.

WARRANTY

Any assistance required will be provided on site by our technical staff, while any repairs will be carried out at our closest office.

WE will directly provide to the replacement of any component.

AFTER SALES ASSISTANCE

WE can offer personalized diagnostic solutions, as well as a thorough technical assistance for mobile equipment, modular stand-alone units, and any integrated system. Our customer satisfaction is guaranteed.

OUR MAINTENANCE CONTRACT

A high level of efficiency can only be guaranteed through regular system maintenance and the preservation of the starting system conditions.

OUR maintenance contract covers a monthly inspection, either by satellite connection or online check; a three-monthly online predictive check on a date to be preventively agreed upon with the customer, aimed at verifying the correct operation of each component and the constant compliance of the produced water with the applicable legal and sanitary requirements; Plus an inspection by one of our technicians every six months to verify water quality, Plus a general system check and the identification of any wornout or critical components. All the carried out activities out will be duly documented.

AWAs Full production

MODULE 03M-X

PRICE EXW

ON REQUEST

OUR solution, which produces high quality drinkable water for human consumption up to 50 litres/day.

- Mobile Solution.

- Thanks to the 20 litres internal tank you can dispense water whenever you want.

Technical Data	AWA 03M - X
Nominal Water production 27°C - 70%	30 litres/day
Nominal Water production 35°C - 70%	50 litres/day
Power Source	0.8 kW
Energy Consumption	0.25 - 0.40 kWh/litres ± 5%
Cooling Circuit coolant	Environment friendly – R134a
Sound pressure level	35 dBA (at a distance of 10 m)
Size Standard Frame (LxWxH)	720 x 660 x 848,5 mm
Size with Roll Bar	770 x 752 x 992 mm
Weight	65/79 kg
Operating Range	From 7° C/90% R.H. to 50° C/10% R.H.

Options		Power Supply
S	Power Supply 220	220 V ± 10% / 50 Hz
ST	Twin Power Supply 220 + 24	220 V ± 10% / 50 Hz + 24Vdc

Available Standard	Water Treatment System
0B	ZERO/BASIC
D	DRINKING*

*The materials in contact with water are certified.

Other versions available on demand.

AWAs Full production

MODULE 05W-X
PRICE EXW
ON REQUEST

OUR solution, producing high quality drinking water for human consumption up to 50 liters per day.

- Solution for stationary application.

- Thanks to the 20-liter internal tank, you can dispense water whenever you want.

Technical Data	AWA 05W - X
Nominal Water production 35°C - 70%	50 litres/day
Power Source	0.8 kW
Energy Consumption	0.25 - 0.40 kWh/litres ± 5%
Cooling Circuit coolant	Environment friendly – R134a
Sound pressure level	35 dBA (at a distance of 10 m)
Size Standard Frame (LxWxH)	720 x 660 x 848,5 mm
Weight	70 kg
Operating Range	From 7° C/90% R.H. to 50° C/10% R.H.

Options		Power Supply
S	Power Supply 220	220 V ± 10% - 50 Hz

Available Standard	Water Treatment System
0B	ZERO/BASIC
D	DRINKING*

* The materials in contact with water are certified.

Other versions available on demand.

AWAs Full production

AWA25 W-HWA
produces high quality drinking water for human consumption of 250 litres/day at 30°C – 70% R.H, in addition to primary fresh air and hot water for the heating circuit.

Technical Data	AWA MODULA 25
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 distance of 10 m)
Size (WxDxH)	2205 x 880 x 1870 mm
Weight	680 kg
Operating Range	From 5° C/90 % R.H. to 50° C/10% R.H.

Power Supply

S version	220 V ± 10% / 1Ph / 50-60 Hz
	LRA-16A MRA-16A
Max power absorbed	3 Kw

Available Standard	Water Treatment System
0B	ZERO/BASIC
D	DRINKING*

	Available Standard Configurations	
	W	HWA
Available heating thermal power (Water)	N/D	11 kW - 270 litres/hour 50°C
Available cooling thermal power (Air)	N/D	1150 m3/hour at 24°C - 40% R.H.

Other versions available on demand.

AWAs Full production

AWA50 W-HWA
produces high quality drinking water for human consumption of 500 litres/day at 30°C – 70% R.H, in addition to primary fresh air and hot water for the heating circuit.

Technical Data	AWA MODULA 50
Nominal Water production 30° - 80% R.H.	500 litres/day
Nominal Water production 30° - 70% R.H.	330 litres/day
Rated Input Power 30° C – 70% R.H.	3.50 Kw
Energy Consumption	0.28 kWh/litres ± 5%
Cooling Circuit coolant	Environment friendly – R134a
Sound pressure level	55 dba (at distance of 10 m)
Size (WxDxH)	2205 x 880 x 1870 mm
Weight	680 kg
Operating Range	From 5° C/90 % R.H. to 50° C/10% R.H.

	Power Supply
A version	380 V ± 10% / 3Ph / 50-60 Hz
	LRA-12A MRA-12A
L version	220 V ± 10% / 3Ph / 60 Hz
	LRA-20A MRA-20A
Max power absorbed	7 Kw

Available Standard	Water Treatment System
0B	ZERO/BASIC
D	DRINKING*

	Available Standard	Configurations
	W	HWA
Available heating thermal power (Water)	N/D	22 kW - 540 litres/hour 50°C
Available cooling thermal power (Air)	N/D	2300 m3/hour at 24°C - 40% R.H.

AWAs Full production

AWA100 W-HWA
produces high quality drinking water for human consumption of 1.000 litres/day at 30°C – 70% R.H, in addition to primary fresh air and hot water for the heating circuit.

Technical Data	AWA MODULA 100
Nominal Water production 30° - 80% R.H.	1.000 litres/day
Nominal Water production 30° - 70% R.H.	700 litres/day
Rated Input Power 30° C – 70% R.H.	7.00 Kw
Energy Consumption	0.28 kWh/litres ± 5%
Cooling Circuit coolant	Environment friendly – R134a
Sound pressure level	55 dba (at distance of 10 m)
Size (WxDxH)	2205 x 1900 x 1870 mm
Weight	1180 kg
Operating Range	From 5° C/90 % R.H. to 50° C/10% R.H.

Power Supply	
A version	380 V ± 10% / 3Ph / 50-60 Hz LRA-24A MRA-24A
L version	220 V ± 10% / 3Ph / 60 Hz LRA-40A MRA-40A
Max power absorbed	14 Kw

Available Standard	Water Treatment System
0B	ZERO/BASIC
D	DRINKING*

	Available Standard W	Configurations HWA
Available heating thermal power (Water)	N/D	44 kW - 1080 litres/hour 50°C
Available cooling thermal power (Air)	N/D	4600 m3/hour at 24°C - 40% R.H.

AWAs Full production

AWA250 W-HWA
produces high quality drinking water for human consumption of 2.500 litres/day at 30°C – 70% R.H, in addition to primary fresh air and hot water for the heating circuit.

Technical Data	AWA MODULA 250
Nominal Water production 30° - 70% R.H.	2.500 litres/day
Rated Input Power 30° C – 70% R.H.	60 kW (54 + 10%)
Energy Consumption	0.28 kWh/litres ± 5%
Cooling Circuit coolant	Environment friendly – R134a
Sound pressure level	75 dba (at distance of 10 m)
Size (WxDxH)	4950 x 2230 x 2470 mm
Weight "W" Version	5000 kg
Weight "HWA" Version	5500 kg
Operating Range	From 5° C/90 % R.H. to 50° C/10% R.H.

	Power Supply
S version	400 V ± 10% / 3Ph + Ground 50 Hz
A version	460 V ± 10% / 3Ph + Ground 60 Hz
L version	220 V ± 10% / 3Ph + Ground 60 Hz

Available Standard	Water Treatment System
0B	ZERO/BASIC
D	DRINKING*

	Available Standard	Configurations
	W	HWA
Available heating thermal power (Water)	N/D	120 kW - 2000 litres/hour 50°C
Available cooling thermal power (Air)	N/D	100 kW- 8000 m3/hour at 24°C - 40% R.H.

AWAs Full production

AWA500 W-HWA
produces high quality drinking water for human consumption of 5.000 litres/day at 30°C – 70% R.H, in addition to primary fresh air and hot water for the heating circuit.

Technical Data	AWA MODULA 500
Nominal Water production 30° - 70% R.H.	5.000 litres/day
Rated Input Power 30° C – 70% R.H.	120 kW (110 + 10%)
Energy Consumption	0.28 kWh/litres ± 5%
Cooling Circuit coolant	Environment friendly – R134a
Sound pressure level	78 dba (at distance of 10 m)
Size (WxDxH)	7300 x 2230 x 2470 mm
Weight	8500 kg
Operating Range	From 5° C/90 % R.H. to 50° C/10% R.H.

Power Supply	
S version	400 V ± 10% / 3Ph + Ground 50 Hz
A version	460 V ± 10% / 3Ph + Ground 60 Hz
L version	220 V ± 10% / 3Ph + Ground 60 Hz

Available Standard	Water Treatment System
0B	ZERO/BASIC
D	DRINKING*

	Available Standard	Configurations
	W	HWA
Available heating thermal power (Water)	N/D	240 kW - 4000 litres/hour 50°C
Available cooling thermal power (Air)	N/D	200 kW- 16000 m3/hour at 24°C - 40% R.H.

AWAs Full production

AWA750 –HWAC-X

water production 7.500 litres/day with a considerable energy contribution for hot water, primary air and cold water.

CHARACTERISTICS	AWA MODULA 750-HWAC-X
Nominal water production	7500 litres/day
Installed electrical power	185 kW (170 ±10%)
Nominal environment conditions	30° C & 70% R.H.
Energy consumption	0.28 kWh/litre
Cooling circuit coolant	Environment friendly - R134a
Sound pressure level	79 dBA (at a distance of 10 m)
Size (W x D x H)	11700 x 2230 x 2470 mm
Weight	12000 kg
Operating range	from 5° C / 90% R.H. to 50° C/10% R.H.
Available heating thermal power (Water)	360 kW – 6000 litres/hour 50° C
Available cooling thermal power (Air)	300 kW – 24000 m^3/hour at 24° C 40% R.H.
Available cooling thermal power (Water)	From 25 to 300 kW *
X (Model)	Power supply
S version	400 V ± 10% / 3Ph + Ground / 50 Hz
A version	460 V± 10% / 3Ph + Ground / 60 Hz
L version	220 V ± 10% / 3Ph + Ground / 60 Hz

AWAs Full production

AWA1000 W-HWA
produces high quality drinking water for human consumption of 10.000 litres/day at 30°C – 70% R.H, in addition to primary fresh air and hot water for the heating circuit.

Technical Data	AWA MODULA 1000
Nominal Water production 30°C - 70% R.H.	10.000 litres/day
Rated Input Power	240 kW
Energy Consumption 30°C – 70% R.H.	0.28 kWh/litres ± 5%
Cooling Circuit coolant	Environment friendly – R134a
Sound pressure level	60 dBA (at distance of 10 m)
Size (WxDxH)	13150 x 2230 x 2470 mm
Weight	16300 kg
Operating Range	From 5° C/90 % R.H. to 50° C/10% R.H.

Options	Power Supply
S	400 V ± 10% / 3Ph + Ground 50 Hz
A	460 V ± 10% / 3Ph + Ground 60 Hz
L	220 V ± 10% / 3Ph + Ground 60 Hz
Motor - inverter max power absorbed	240 kW
Field direct connection	300 kW for 15 sec.

Available Standard	Water Treatment System
0B	ZERO/BASIC
D	DRINKING*

	Available Standard W	Configurations HWA 30°C/70% H.R.
Available heating thermal power (Water)	N/D	480 kW - 8000 litres/hour up to 50°C
Available cooling thermal power (Air)	N/D	400 kW- 32000 m^3/hour at 24°C - 40% R.H.

AWAs Full production

AWA1000 Mobile Versions
ATWG 10 CG SELF STANDING
AWTG 10 C

The MOBILE SYSTEMS are containerized (40'), fully automated, totally self-standing, air to water production systems.
Project/Price only on request.

CE

CHARACTERISTICS	MOBILE SYSTEM - ATWG 10 CG	
Nominal water production	10000 litres/day	
Installed electrical power	180 kW (160 ± 10%)	
Nominal environment conditions	30° C & 70% R.H.	
Energy consumption	0.36 kWh/litre	
Electrical connection	Network 400V - 50 Hz	
	Diesel generator	
Sound pressure level	86 dBA (at a distance of 10 m) from the diesel generator	
Size (W x D x H)	12192 x 2348 x 2896 mm*	
Weight	18300 kg	
	Temperature Limit	RH Limit
Operating range	15° C - 45° C	60% R.H. - 40% R.H.

* 40' container

CHARACTERISTICS	MOBILE SYSTEM - ATWG 10 C	
Nominal water production	10000 litres/day	
Installed electrical power	180 kW (160 ± 10%)	
Nominal environment conditions	30° C & 70% R.H.	
Energy consumption	0.36 kWh/litre	
Electrical connection	Network 400V - 50 Hz	
Sound pressure level	80 dBA (at a distance of 10 m)	
Size (W x D x H)	12192 x 2348 x 2896 mm*	
Weight	18300 kg	
	Temperature Limit	RH Limit
Operating range	15° C - 45° C	60% R.H. - 40% R.H.

* 40' container

AWAs Full production
Price on Request

AWA LONG LIFE STORAGE
Long-term water storage system

Technical Data	LLS-X	LLS-F
Water Storage nominal capacity	8.000 litres	8.000 litres
Installed electrical power	2 kW	6 kW
Hydraulic connections	3/4"	3/4"
Size (WxDxH)	4950 x 2230 x 2470 mm	4950 x 2230 x 2470 mm
Weight	2600 kg	2800 kg

Bagging Technical Data	
Bag height	Max. 280 mm
Bag width	Max. 165 mm
Maximum single-seal film reel width	390 mm
Maximum compressed air consumption	170 Nl/min 6 bar
Bag capacity	From 0.2 to 1.5 l
Maximum bagging capacity	10 l/min

X (Model)	Power Supply
S version	220 V ± 10% / 1 Ph + Ground 50 Hz
L version	220 V ± 10% / 1 Ph + Ground 60 Hz

Y (Model)	Conditioning
I version	Cooled by AWA MODULA
E version	Conditioned by single-block conditioner

Our **Water Storage**, storage and sanitization system is not simply a tank, but a real additional system allowing to collect water into thermally insulated tank equipped with continuous circulation sanitization devices, in order to maintain water healthiness and quality unchanged for a long time... 'Long Life Storage'.

The **Water Storage** and storage is characterized by a special thermal insulation solution that is capable of reducing the external environment influence on to the water temperature, it is also possible to use the fresh air, generated by the AWA system, in order to keep the stored water at an appropiate temperature.

The **Water Storage** system is modular too: each module can contain more than 8 m3 of water and, if larger amounts of water are required, the system can be expanded by adding more modules in parallel.

LONG LIFE STORAGE PRODUCT RANGE:

S800-LLS 8.000 litres

S800-LLS-I 8.000 litres (cooled filling room*)

S800-LLS-E 8.000 litres (conditioned filling room**)

Consisting of two tanks, totaling an overall capacity of 8,000 litres, the Long Life Storage water storage system maintains the healthiness of the water produced wherever storage is required for specific production needs.

The constantly-circulating water is treated by means of a special bioreactor that combines the bactericidal action of ultraviolet radiations with the antibacterial photocatalytic effect of titanium dioxide.

Conceived to be used independently of the water supply system, this unit can operate in stand-alone mode or can be interfaced with the AWA system, ensuring the storage of any type of drinking water.

- the storage unit can be cooled using the fresh air produced by AWA MODULA
- ** the storage unit can be conditioned by means of a single-block air conditioner

AWAs Full production
Price on Request

Water Bagging Unit

LONG LIFE STORAGE + FILLING SYSTEM PRODUCT RANGE:

F800-LLS	8.000	litres

F800-LLS-I 8.000 litres (chilled filling room*)
F800-LLS-E 8.000 litres (chilled filling room**)

The Long Life Storage system can be combined with a water bagging system specifically developed by SEAS for the distribution of the produced water.
The bagging unit supplied uses only single- and double-layer PE films, which ensure the best quality when in contact with food fluids.
In order to guarantee maximum user friendliness and flexibility, the package size and dosage time can be constantly varied from a PLC, from a minimum of 0.2 to a maximum of 1.5 litres.
Moreover, the bagging unit can be equipped with an injection device to inject preservatives, disinfectants or other types of additives needed for the preservation and improvement of the water for distribution.
Similarly, the bagging unit can be fitted with a printer to print production dates, expiry dates, and other information required by the user.
All the systems described above are built in stainless steel, allowing to easily disinfect every single component, and are fully compliant to HACCP requirements for the food industry.

- the bagging unit can be cooled using the fresh air produced by AWA MODULA
- ** the bagging unit can be conditioned by means of a single-block air conditioner

AWAs Full production

MODULE DOMO

PRICE EXW ON REQUEST

ZERO PLASTIC SOLUTION

MODULE DOMO is a high-tech solution to deal with serious water shortages. This system is integrated in an environmentally safe wooden structure or green alternative oriented towards low environmental impact, in accordance with our green vision.

This system produces from 100 to 1,000 litres/day with dimensions of LxPxH:1500x2500x2550 (mm) and this water house works with electricity from a photovoltaic panel and/or generator and/or network. It allows the production, purification and distribution of water through dispensers interfaced with smartphone or card systems.

This system is built and tested at a company facility and shipped to the customer ready to install or in modules. All this happens quickly and without any infrastructure. It is placed/reassembled locally and is ready to use.

It allows local populations to stock up on drinking and mineralized water characterized by the highest quality and safety. We also provide training, maintenance and remote control of machine functions and water quality.

AWAs Full production

CERTIFICATIONS

Comply with Directive 2006/42/EC, EEC Directive No. 73/23 Low Voltage, as amended by EEC Directive 93/68, and EEC Directive No. 89/336 not as "EMC Directive", as amended by EEC Directives 92/31 and 93/68.

Are in compliance with the following directives: Directive 2009/125 / EU (ERP Directive 2018 - Regulation No. 1253/2014), Directive 2014/30 / EU (Electromagnetic Compatibility Directive), Directive 2014/35 / EU (Low Voltage Directive).

It is made European harmonized standard in accordance with the following: EN60204-1:2006, EN61439-1, EN1050, EN292-1, EN292-2, EN 292-2/A1, EN746-2, EN50081-1, EN61000-6-2;

Complies with the following EU directives and subsequent amendments: EC Regulation 1935/2004 (concerning materials and articles intended to come into contact with food), EU Regulation 10/2011 (concerning plastic materials and articles intended to come into contact with food).

In addition, all requirements of the regulations of countries where SEAS has at least one active system are met.

Such as:

- Abu Dhabi water quality standards and regulations;
- Water quality management issues in Dewa Company Environmental Sciences;
- Guidelines for the design of water distribution networks in the Al Ain Gl.Am.11 region;
- Australian Drinking Water Guidelines 6 2011 Version 3;
- Arrete_11-01-2007_Limite_Qualite_Eau France;
- Legislative Decree No. 31 of February 2, 2001 "Implementation of Directive 98/83/EC on the quality of water intended for human consumption";
- Decree 7 February 2012, N. 25 - Ministry of Health Italy, Technical provisions on equipment for the treatment of water intended for human consumption;
- Ministerial Decree 06-04-2004, N. 174 Regulation on materials and objects that can be used in fixed installations for the collection, treatment, adduction and distribution of water intended for human consumption;
- Norma Oficial Mexicana Nom-001-Conagua-2011, Drinking water systems, domestic water supply and sanitary sewerage systems-Hermeticity-Specifications and test methods;
- Norma Oficial Mexicana Nom-201-Ssa1-2002, Products and services. Water and ice for human consumption, packaged and bulk. Sanitary specifications;
- Norma Oficial Mexicana Nom-127-Ssa1-1994, "Environmental Health, Water for Human Use and Consumption - Permissible Quality Limits and Qualities and Treatments to Which Water Must Be Subjected for its Potabilization";
- Namibia - Drinking Water Guidelines;
- Supreme Decree N° 002 -2008 -Minam - Approval of National Environmental Quality Standards for Water;
- Regulation of national environmental quality standards for air - Supreme Decree Nº 074-2001-Pcm;
- Ordinance of the Dfi Nr. 817.051 Microbiological Requirements;
- Dfi Ordinance Nr. 817.023.21 on materials and objects.

The systems provided for the supply of water from the air for potable use are made of components certified for contact with water according to the standards provided for food.