



UP TO YOU sro - Bratislava
WE OFFER SOLUTIONS

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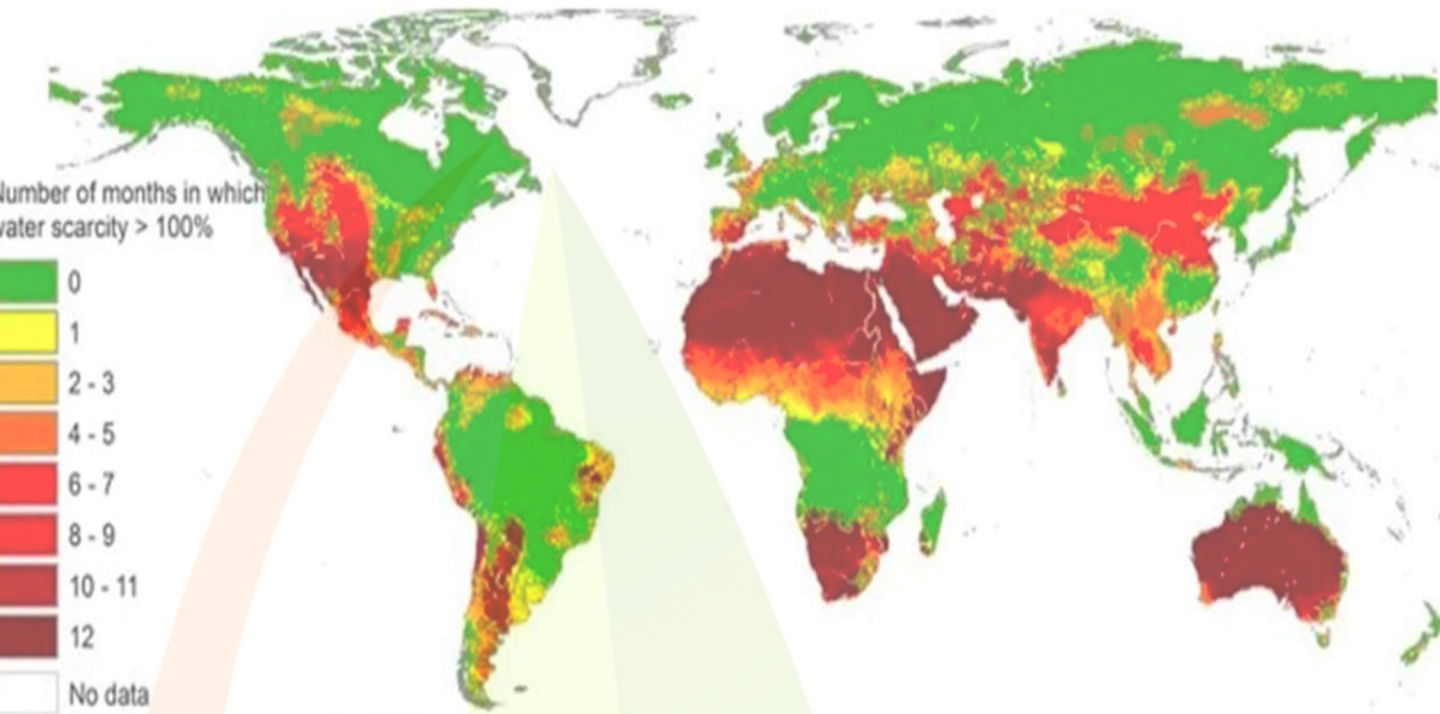
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CREATING WATER SAVING AND PROTECTING THE ENVIRONMENT

TODAY IT IS POSSIBLE!

CREATING WATER SAVING AND PROTECTING THE ENVIRONMENT

The world could face a 40% global water shortage by 2030

Water scarcity is the most serious problem we have but it is probably far worse than expected.

A real emergency in Yemen, where water could run out in a few years.

We are a "green company" that respects the environment and offers customers opportunities for energy and economic savings

Behind, a great technology with a strong focus on engineering, design, systems and manufacturing excellence for the production of unique machinery and innovative systems that produce water from the air.

With US = + Water + Environment + Health + Saving – Energy – Plastic

UNIQUE BECAUSE:

Our machine, the result of an innovative patent, is the only one that produces water at temperatures above 30 ° C

- Machines that supply water from 30 to 10.000 liters / day and have photovoltaic connections that allow traditional and non-polluting zero energy consumption.
- Small size and low costs compared to the production of water they generate
- Possibility of placing it wherever there is no water availability as it is self-sufficient in power supply
- Endless applications and solutions in our production center, from boats to construction, with integration solutions, in addition to water availability, of air conditioning systems to **agriculture** and **floriculture**; to the **marine sector**; **construction sector**

EVERYWHERE WATER IS NEEDED BUT NOT AVAILABLE

We produce clean, healthy water where and when it's needed most. Our systems are in perfect balance with low energy consumption, water for life, environmental awareness and sensitivity.

EXTENSIVE RESEARCH AND DEVELOPMENT

Our technological expertise is based on years of internal research and development and years of university studies aimed at the design and production of advanced systems for the industrial-scale and efficient production of water from air.

CUSTOMIZABLE SYSTEMS

We offer customized and Taylor Made solutions based on each client's specific needs and requirements.

ENERGY SAVING SYSTEMS

RESIDENTIAL BUILDINGS

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

The water is distributed through dispensers, directly in the apartments, or alternatively, through common dispensers, in the common areas. It is possible to dispense water, even sparkling and cold, with an Android or Apple interface or via dedicated boards.

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 of domestic water and/or swimming pool and/or spa water to 45°C 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 cooking use and potable water for human consumption.

These machines can also provide a plastic-free bottling and/or dispensing system for the water consumed within the hotel with a simple solution, and with the possibility for the hotel to guarantee high quality self-produced water.

HOSPITAL

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

Through the BIM and/or Module system, it is able to control the humidity in the hospital rooms in order to maintain a controlled air flow both in percentage values and in safety from bacteria.

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MODULE

Our MODULE systems produce from 250 to 10.000 litres of water from air per day. MODULE systems are built on a standard industrial modular basis. Our MODULE functions ensure great energy saving, which allows to achieve the water production for free. Easy to install for many different fields: buildings, greenhouses, remote worksites, villas, etc.



INDUSTRIAL RANGE – MEDIUM SIZE:

MODULE 25 - 250 litres per day

MODULE 50 - 500 litres per day

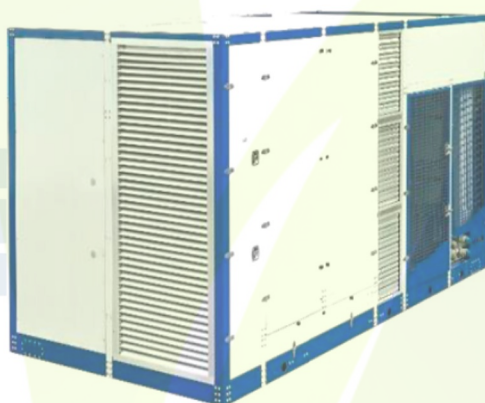
MODULE 100 - 1.000 litres per day

INDUSTRIAL RANGE – LARGE SIZE:

MODULE 250 - 2.500 litres per day

MODULE 500 - 5.000 litres per day

MODULE 1000 - 10.000 litres per day



The configurations: **W:** for water production from air only
HWA:

- Hot water (50° C)
- Primary fresh air (24° C 40% R.H.)

Our models come in the following operation range: **Operating temperature and humidity:** 5°C – 90% R.H. / 55°C – 10% R.H. It is possible to develop special solutions on demand with operation range below 5°C or desert version for higher temperatures. Those solutions will be valued based on environment conditions and application requirements.

QUALITY WATER

Our technology offers to the customers different types of water from air. The water produced by MODULE, thanks to the water treatment system, is high quality.

ZERO/BASIC

This version is dedicated to obtain condensed natural water from air without any water treatment. ZERO/BASIC is indicated for particular uses, such as agricultural irrigation, vertical farming, greenhouses, remote worksite, industrial washing, renewable energies, fire safety or combined to particular customized water treatment plant studied for specific uses.

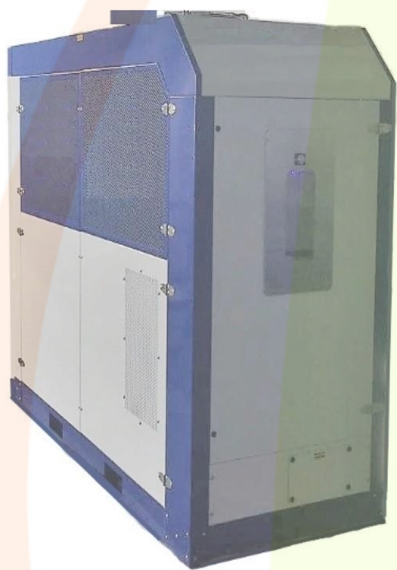
DRINKING

The DRINKING 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. After long studies, we have developed mixed salts formulations, to obtain a real mineral water. In DRINKING we can find all the best substances and elements of all typical good mineral water, such as magnesium, calcium, sulfates and carbonates and many other important elements, with the possibility to add a chlorine treatment in the same formulation for bottling uses or for particular request. This type of mineralization, permits also to modify, through the dosing pump system, the mineral level added to reach the desired taste. For particular request it is possible to provide sparkling water too. Our probes verify in real time every part of water treatment unit in compliance with any ISO quality system and in accordance with standard rules to ensure the maximum water security and quality in bottling system too. We are able to design and build ad-hoc water treatment configurations in accordance with the technical specifications and the customer's request in compliance with local and international regulations.

SPECIAL APPLICATIONS

We can also offer special solutions as AWA Mineral Free and AWA Mineral Free Plus, demineralized waters for industrial and food applications with specific electrical resistance value and other specific waters, on request, for every chemical application, green hydrogen, etc.

MODULE 25



W – HWA

solution which 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

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.

MODULE 25

Power Supply

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

Available Standard

Water Treatment System

OB	ZERO/BASIC
D	DRINKING*

Available Standard

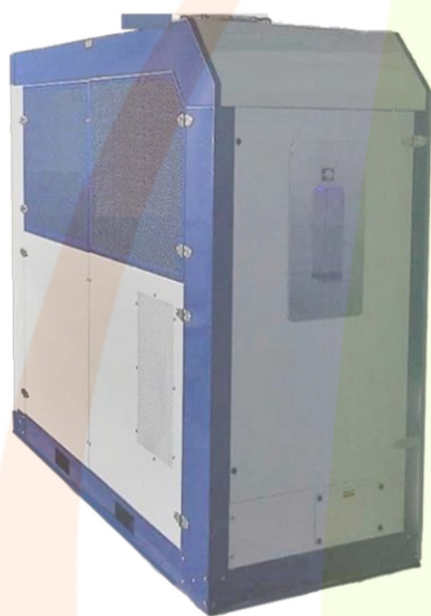
Configurations

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

Other versions available on demand.

* The materials in contact with water are certified.

MODULE 50



W – HWA

solution which 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

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.

MODULE 50

Power Supply

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

Available Standard

Water Treatment System

CB	ZERO/BASIC
D	DRINKING*

Available Standard

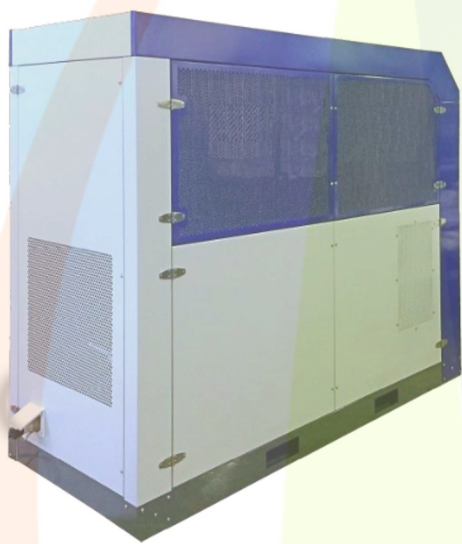
Configurations

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

Other versions available on demand.

* The materials in contact with water are certified.

MODULE 100



W – HWA

solution which produces high quality drinking water for human consumption of 1000 litres/day at 30°C – 70% R.H, in addition to primary fresh air and hot water for the heating circuit.

Technical Data

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.

MODULE 100

Power Supply

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

Available Standard

Water Treatment System

CB	ZERO/BASIC
D	DRINKING*

Available Standard

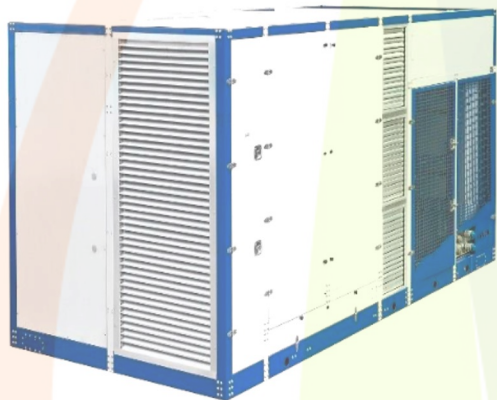
Configurations

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

Other versions available on demand.

* The materials in contact with water are certified.

MODULE 250



W – HWA

solution which produces high quality drinking water for human consumption of 2500 litres/day at 30°C – 70% R.H, in addition to primary fresh air and hot water for the heating circuit.

Technical Data

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.

MODULE 250

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

CB	ZERO/BASIC
D	DRINKING*

Available Standard

Configurations

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

Other versions available on demand.

* The materials in contact with water are certified.

MODULE 500



W- HWA

solution which produces high quality drinking water for human consumption of 5000 litres/day at 30°C - 70% RH, in addition to primary fresh air and hot water for the heating circuit.

Technical Data

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

Available Standard

Water Treatment System

OB	ZERO/BASIC
D	DRINKING*

Available Standard

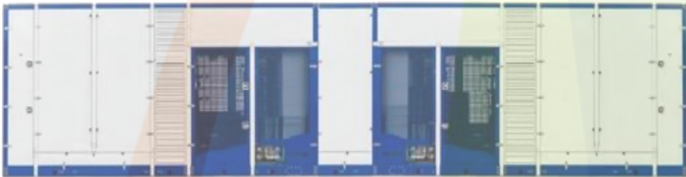
Configurations

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

Other versions available on demand.

* The materials in contact with water are certified.

MODULE 1000



W- HWA

solution which produces high quality drinking water for human consumption of 10000 litres/day at 30°C- 70% R.H, in addition to primary fresh air and hot water for the heating circuit.

Technical Data

AAAMODULA 1000

Nominal Water production 30 ° - 70% R.H.	10.000 litres/day
Rated Input Power 30 ° C - 70% R.H.	220 kW (200 + 10%)
Energy Consumption	0.28 kWh/litres ± 5%
Cooling Circuit coolant	Environment friendly - R134a
Sound pressure level	80 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.

Power Supply

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

Available Standard

Water Treatment System

OB	ZERO/BASIC
D	DRINKING*

Available Standard

Configurations

	W	HWA
Available heating thermal power (Water)	ND	480 kW - 8000 litres/hour 50°C
Available cooling thermal power (Air)	ND	400 kW- 32000 m3/hour at 24 °C - 40% R.H.

Other versions available on demand.

* The materials in contact with water are certified.

MODULE 1000



Long-term water storage system

Technical Data	LLS-X	LLSF
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 other MODULE
E version	Conditioned by single-block conditioner

Other versions available on demand.

* The materials in contact with water are certified.

W500



Water treatment unit with storage by 5.000 litres.

Combinable with all solutions.

The system can be used as a water purification units combined with other Module or as a "stand alone" unit to improve the quality of the water that comes from the water network.

Filtering, sterilisation, mineralization, and real-time monitoring are key features of this technology, whose processes have been carefully studied to achieve high performance, easy and fast maintenance, and constant quality over time. **WTU8**

Technical Data

WTU5

<u>Water Storage nominal capacity</u>	<u>5.000 litres</u>	<u>8.000 litres</u>
<u>Installed electrical power</u>	<u>6 kW</u>	
<u>Size (WxDxH) Long Life Storage</u>	<u>5500 x 2300 x 2470</u>	
<u>Weight Long Life Storage</u>	<u>2800 kg</u>	
<u>Voltage & Frequency of the complete installation</u>	<u>440V/3/50Hz</u> <u>220V/1/50Hz</u> <u>220V/3/60Hz</u> <u>Other on request</u>	
<u>Hydraulic connections</u>	<u>3/4 "</u>	

Other versions available on demand. .

X Options

Conditioning

I version	Cooled by other MODULE
E version	Conditioned by single-block conditioner

* The materials in contact with water are certified. .

MODULE 03



solution, which produces high quality drinking water for human consumption up to 50 litres/day. Thanks to the 20 litres internal tank you can dispense water whenever you want.

Technical Data

AWA 03 - X

Nominal Water production 27 ° - 70% R.H.	30 litres/day
Nominal Water production 35 ° - 80% R.H.	50 litres/day
Power Source	1.2 kW
Energy Consumption	0.25 - 0.40 kWh/litres ± 5%
Cooling Circuit coolant	Environment friendly - R134a
Sound pressure level	≤ 50 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.
Power Supply	220V ± 10% - 50 Hz / 60 Hz - Max 6 A

X Options

Power Supply

Twin Power Supply 24	220V ± 10% / 50-60 Hz + 24Vdc
Twin Power Supply 48	220V ± 10% / 50-60 Hz + 48Vdc

Water Technology

Standard	Multi-stage filtration air, micro and ultrafiltration plus antivirus RO system, mineralization and antibacterial system.
NSF	Multi-stage filtration air and Water Treatment with NSF Certified Components.

Certifications: 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. 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; EC Regulation 1935/ EU Regulation 10/2011

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 this company 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 N° 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.

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.