

空气制水机

AIR WATER GENERATOR (AWG)

纯净之水空气来

PURE WATER FROM AIR
TO PEOPLE EVERYWHERE

智晟新能源科技有限公司

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淡水资源匮乏

DRINKING WATER SHORTAGE

- 70%地球的表面被水覆盖，全部水资源中，仅有6%为淡水
70% of the Earth surface is covered by water but only 6% is fresh water
- 全部淡水资源中，仅有2.4%为可饮用水资源
2.4% of fresh water can be used to sustain human life
- 50%的地下水和地表水已被严重污染
50% of underground water and surface water have been contaminated
- 中国是世界13个严重缺水的国家之一
China is one of the 13 countries of severe water shortage
- 中国养育着世界20%的人口，但水资源仅占世界总量的7%
China supports 20% of the world population with only 7% of water resources
- 超过8千万的中国农村人口，需步行超过一公里的距离才可以取得饮用水
More than 80 million people in rural China have to walk more than one kilometer for drinking water

全球水资源的加速匮乏，土壤污染的加剧恶化，使得世界各地的人们越来越难获得清洁的饮用水

The world faces the crisis of fresh water exhaustion and soil pollution and deterioration, which makes it harder and harder for people around the world to gain access to clean drinking water

创新技术

INNOVATIVE
TECHNOLOGY

- 通过使用高效的进风系统，设备不断将空气送入内部制水系统；
- 独有的空气净化装置，可以有效除去空气中的杂质；
- 突破性的GENius焓差交换系统，可以使用更少的能源，提炼出更多的纯净水，提高空气制水效率；
- 独有的净化系统，通过多层滤网有效去除沉淀颗粒以及杂质，全面净化生成水，重新定义空气制水健康新高度；
- 与众不同的活水系统，利用水流倍增技术，激发水分子内部循环，时刻保持水质鲜活；

Through the use of a highly efficient air intake system, the unit continuously feeds air into the internal water production system.

The unique air purification device can effectively remove impurities in the air.

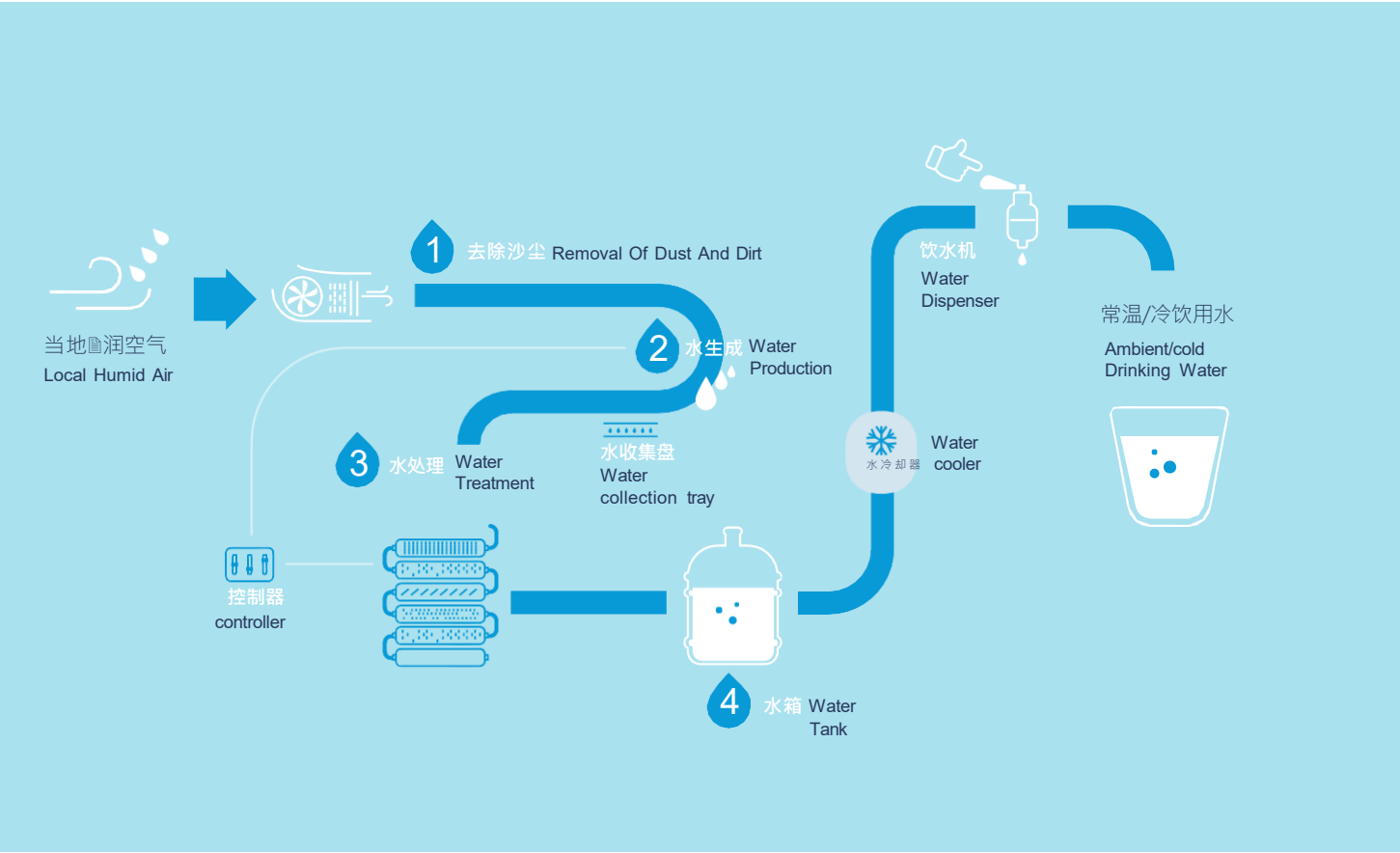
The GENius system can use less energy to extract more pure water and increase the efficiency of air to water production.

Unique purification system that effectively removes sediment particles and impurities through multi-layer filters to fully purify the resulting water, redefining air-to-water process.

The unique water system utilizes water flow multiplication technology to stimulate the internal circulation of water molecules, keeping the water fresh at all times.

从空气中提取饮用水

Extract water from air



Air Water Generator Serie

家用空气制水机系列



Aguaer-A20



BWT-A20



BWT-A20S

- HOT AND COLD WATER
- Available in different color
 - Touch Screen with automatic lock
 - UV light& Filtration system



- 空气制水机是一种从空气中提取获得纯净水的设备。无需水源，即插即用
- 我们的空气制水机具有七级过滤系统，滤材均选用符合NSF标准的材料，能为您带来最优质的水
- 智能监控，TDS值、耗电量和制水量实时检测，实时数据
- 简约时尚，设计百搭
- 定时循环，活水保鲜

- Air water generator is a device that extracts pure water from the air. No need for water sources, plug and play
- Our air water generator has a seven-stage filtration system with NSF standards, bringing you the highest quality water
- Intelligent monitoring, TDS value, power consumption and water production, real-time detection, real-time data
- Simple and fashionable design
- Timed circulation, fresh water preservation

型号	Model	Aguaer-A20, BWT-A20/A20S	
电源	Supply Power	220V 50Hz/110V 60Hz	
功率	Total Power	0.975kw	
压缩机功率/制冷功率	Compressor power/Cooling power	0.46kw	
加热功率	Heating Power	0.5kw	
产水量	Water Production Capacity	20 Liter/day @30° C & 80% RH	
工作条件	Working Conditions	温度 Temperature	15° C - 45° C
		湿度 Humidity	25% - 100% RH
水箱	Water Tank	15L(upper tank)+1.5L(lower tank)	
		2L(cold tank)+1.5(hot tank)	
TDS		Always showing on display	
过滤系统	Filtration system	PPF+CTO+UF+T33+UV	
制冷剂	Refrigerant	R134a	
化霜模式	Defrost Method	Natural defrosting	
运行噪音等级	Operation sound level	≤45Db	
净重	Net Weight	45 kgs	
尺寸（长*宽*高）	Size (LxWxH) 尺寸	300*440*1150mm	

- 分体式空气制水机70L/D, 冷热水
- 无需水源，随心移动
- 智能可视化触控设计
- 活水保鲜，矿物质水
- 智能监控，实时数据

- Split Air Water Generator 70L/Day, Hot & Cold Water
- No need for water source, move as you like
- Intelligent visualized touch control design
- Water preservation, mineral water
- Intelligent monitoring, real-time data

型号	Model	BWT-A70	
电源	Power Supply	Single phase, AC 220V/50Hz, 110V/60Hz	
压缩机	Compressor	R134a, 3 Years Warranty	
制水量	Water Capacity	70L/ Day (30°C,80%RH)	
过滤系统	Filtrations system	HEPA Air Filter + PP + CTO+ UF+ Mineralization Filter+ UV	
装箱量	Container Load Qty	60units/20", 125units/40", 150units/40HQ	
饮水机参数	Water dispenser	热罐 Hot water tank	1.5L, Heating Power: 500W
		冷罐 Cold water tank	2L, Cooling Power: 80W- 98W
		上水箱 Upper storage tank	11 L with UV
		下水箱 Lower storage tank	25 L with UV
		产品尺寸 Product dimension	450*300*1154 mm
		净毛重 N.W./ G.W.	17.0/18.0 (Kgs)
制水机参数	Air water generator	制水功率 Generation Power	700W
		集水箱 Collection tank	SUS 304 2L with UV
		产品尺寸 Product dimension	460*302*710 mm
		净毛重 N.W./ G.W.	27.0/30.0 (Kgs)

Air Water Generator Serie

空气制水机系列

Water Making Outdoor, Drinking Pure Water Indoor

70升分体式制水机（室外制水，室内饮水）



BWT-A70

Desk-top type Household Atmospheric Water Generator

桌面式家用空气制水机



BWT-A10

产品概述 Product overview

本产品严格执行QBT5629 -2021《家用和类似用途空气制水机》标准生产，水质严格参照中华人民共和国GB5749- 2022标准执行。 This product is produced in strict accordance with QBT5629-2021 "Household and Similar Use Air Water Generator" standard , and the water quality is strictly implemented in accordance with GB5749-2022 standard of the People's Republic of China.

- 空气制水机无需水源，是一款利用先进技术，将空气中所含水分变成高标准饮用水的高科技产品。
- The airwater generator does not need water source, it is a high-tech product that uses advanced technology to turn the water contained in the air into high standard drinking water.

- 空气制水机外观大方时尚，应用范围广泛，可在办公室、家庭、宾馆、医院、飞机场、轮船、汽车、海岛、抗震救灾等以及缺水和对饮水品质要求高的地区和场所使用。
- The airwater machine has a generous and fashionable appearance, and can be widely used in offices, homes, hotels, hospitals, airports, ships, cars, islands, earthquake relief, and other areas and places with water shortage and high requirements for drinking water quality.

- 本产品正常使用的环境温度5° C- 32° C、相对环境湿度35%-9 0 %，其收集空气中水分的能力随环境湿度改变而改变。
- The normal operating temperature of this product is5° Cto 32° C, and the relative humidity is35%-9.0%, and its ability to collect moisture from the airvaries with environmental humidity.

产品特性 Product features

- 采用食品级安全材质
Use food-grade safety materials
- 采用先进的紫外线杀菌技术，杀灭细菌病毒的同时防止细菌病毒滋生，确保水质安全
Adopt advanced ultraviolet sterilization technology to kill bacteria and viruses while preventing the breeding of bacteria and viruses to ensure water safety.
- 采用微电脑控制技术，实现机器自动运行，操作简单，使用方便
Microcomputer control technology is adopted to realize automatic operation of the machine, simple operation and convenient use.
- 采取了多种保护报警措施，确保机器运行中的故障能及时掌握
A variety of protection and alarm measures are adopted to ensure that faults in machine operation can be grasped in time
- 内部独立水循环过滤系统，产品会定时冲洗滤芯和对净水箱内 的水进行定时自循环保鲜，保证水质新鲜不变质
The internal independent water circulation filter system will flush the filter element regularly and carry out self-circulation of the water in the water tank regularly to ensure fresh and unspoiled water quality

型号	Model	BWT-A10
额定制水量	Rated water production per day	10 L/D(30°C(86°F)/80%RH
电源	Power supply	AC 115V 60 Hz
工作电压	Working voltage	AC 110-120V
压缩机类型	Compressor type	Piston type
额定制水功率	Rated power of water production	230W
额定总功率	Rated total power	245W
制冷剂工质	Refrigerant work substance	R134a
制冷剂	Refrigerant /Charge	R410A
制冷剂灌注量	Refrigerant filling volume	80g
出水温度	Water temperature	12-16°C or 53.6-60.8°F
出水流量	Discharge flow rate	(MAX) 1.2L/M
适用环境范围	Applicable environmental range	Temperature: 5-32°C or 41-89.6° FHumidity: 35-90%RH
空气过滤系统	Air filtration system	Medium efficiency composite filter
水净化系统	Water purification system	PAC+UF+CB
杀菌系统	Germicidal system	UVC
水箱容积	Water tank volume	Water collection tank: 3.8L
产品尺寸	Product Size (without spout)	260mmx368mmx445mm
包装尺寸	Package size	324mmx483mmx533mm

不同环境条件下24H制水量曲线图
24-hour water consumption curve
under different environmental conditions



4 级复合水净化

PP（聚丙烯熔喷滤芯）: 作为初级过滤，可去除水中的泥沙、铁锈、悬浮物等大颗粒杂质。

CTO（压缩活性炭滤芯）: 主要用于吸附水中的余氯、异色、异味以及部分有机物，改善水的口感和气味。

UF（超滤膜滤芯）: 能过滤水中的细菌、胶体、大分子有机物等杂质，保留水中的矿物质，过滤精度较高。

Mineralized filter（富锶矿化滤芯）: 在过滤后，可向水中释放对人体有益的矿物质，提升水的矿物质含量，使水质更接近天然矿泉水。

三层空气过滤

粗效过滤层: 拦截 5 微米以上大颗粒（灰尘、毛发等），保护后续滤网，延长系统寿命，属初级过滤。

HEPA 棉: 高效过滤 0.3 微米以上细小颗粒（PM2.5、细菌等），效率达 99.97% 以上，是核心精细过滤部件。

高效过滤层: 过滤精度更高，可涵盖 HEPA 或更高标准（如 ULPA），能除更细微颗粒，部分可吸附气态污染物，完全符合空气制水要求。

Four-stage composite water purification

PPF (Polypropylene Cotton Filter Cartridge) : As a primary filtration layer, it can remove large particulate impurities in water such as sediment, rust, and suspended solids.

CTO (Compressed Activated Carbon Filter Cartridge) : It is mainly used to adsorb residual chlorine, peculiar colors, odors, and some organic substances in water, improving the taste and smell of water.

UF (Ultrafiltration Membrane Filter Cartridge) : It can filter impurities in water such as bacteria, colloids, and macromolecular organic substances while retaining minerals in water, with high filtration precision.

Mineralized filter (Strontium-rich Mineralization Filter Cartridge) : After filtration, it can release beneficial minerals to the human body into the water, increase the mineral content of the water, and make the water quality closer to that of natural mineral water.

Three-layer air filtration

Rough air filter layer: intercept particles above 5 microns (dust, hair, etc.), protect the subsequent filter screen, prolong the life of the system, belongs to primary filtration.

HEPA cotton air filter layer: high efficiency filter more than 0.3 micron fine particles (PM2.5, bacteria, etc.), efficiency up to 99.97%, is the core fine filtration component.

High efficiency air filter layer: higher filtration accuracy, can cover HEPA or higher standards (such as ULPA), can remove more fine particles, some can adsorb gaseous pollutants, used in high cleanliness requirements scenarios.

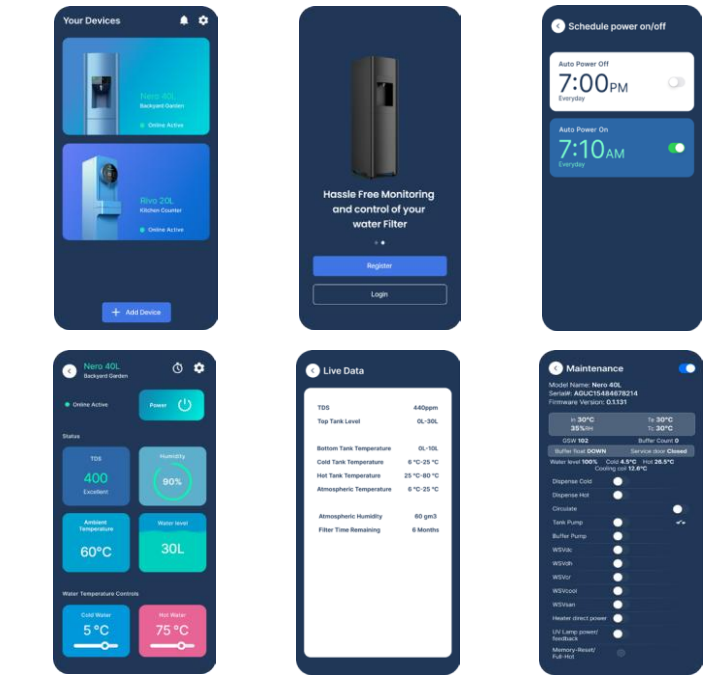
40L空气制水机应用程序

40L Air Water Generator Application Program

用于管理40L空气制水机的智能控制应用。

手机可通过蓝牙/WiFi连接这款机器，您可全年无休地远程监控设备状态。40L空气制水机移动应用提供多重功能，包括查看系统分析摘要、产水量与气候条件数据，并获取远程技术支持。此外，设备需要维护时将主动推送通知。

It is an intelligent control application for managing the 40L air water generator. Mobile phones can connect to this machine via Bluetooth/WiFi, and you can remotely monitor the device status all year round without interruption. The 40L air water generator mobile application provides multiple functions, including viewing system analysis summaries, water production and climate condition data, and obtaining remote technical support. In addition, notifications will be actively pushed when the device needs maintenance.



40L 空气制水机显示面板指示灯图例

Legend of Indicator Lights on the Display Panel of 40L Air Water Generator

指示内置水箱水位
Indicates the water level of the built-in water tank.

指示TDS值，TDS又称溶解性固体总量，TDS值越低，水质越纯。
Indicates TDS value. TDS is also called total dissolved solids. The lower the TDS value, the better the water quality.

指示常温水温度
Indicates the temperature of normal temperature water.

指示冷水温度
Indicates the temperature of cold water.

指示热水温度
Indicates the temperature of hot water.

指示时间、日期等
Indicates time, date, etc.

热水锁，若要进行下一步需长按冷水按钮
Hot water lock. To proceed further, long-press the cold water button.

指示解锁热水锁后的取水界面，此时长按热水按钮则出热水，长按冷水按钮出常温水
Indicates the water intake interface after unlocking the water lock. At this time, long-press the hot water button to get hot water, and long-press the cold water button to get normal temperature water.

冷水按钮常亮
长按按钮可供取用冷水
The cold water button is always on. Long-pressing the button can supply cold water.

热水按钮常亮
先点按热水按钮 再点按冷水按钮解开热水锁，最后长按热水按钮可供取用
The hot water button is always on. First click the hot water button and then click the cold water button to unlock the hot water lock. Finally, click the hot water button to get hot water.

- 机器故障提醒
- 热水防烫童锁，确保安全
- 提供冷水、热水（苏打水可选择）
- TFT触摸显示屏
- WiFi启用和移动智能应用程序控制
- 5级过滤系统

● 在RT30℃/RH80%工况下每天制水38-40升

这是专为家庭和大型办公系统设计的一款机器。在RT30C/RH80%的条件下，这款空气制水机可在24小时内制水38-40L。该机自带5级过滤系统和紫外线杀菌系统，触屏控制，简单易操作。此款机器分为三种类型：基本款40L-CX和高级款40L-PX。

- Power failure indication
- Child lock feature to ensure safety
- Hot, Cold water dispensing (Soda water options)
- TFT Touch screen control and indications
- WIFI enable & Mobile App Control
- 5 stage water filtration

● 38-40L/Day water production capacity under RT30℃/RH80%

AWG 40L is a standard model for home and large office use. It produces 38-40L of clean water in just 24 hours, under the ideal conditions of RT30℃/RH80%. It is a fully automated system that comes with 5 stage filtration including UV sterilizer system and mineralization filter and works with touch screen display and easy to operate. Our BWT-40L AWG is available in two models - Classic 40L-CX and Premium 40L-PX.

型号	Model	BWT-A40
电源	Power Supply	230V/50hz 110V/60HZ
功率	Power Consumption	700W
电流	Rated Current	3.1A
制水量	Water Capacity	40L/Day(30°C, 80%)
满水存量	Full Water Quantity	5.5L
噪音	Noise	≤60dB(A)
进风量	Air Circulation	450m3/hr
制冷剂	Refrigerant /Charge	R410A
工作温度	Working Temp.	5°C-35°C
适用房间尺寸	Recommend Room Size	50-70m²
控制类型	Control Type	Electronic
自动除霜	Auto Defrost	0-24Hr
过滤系统	Filtration System	PPF+CTO+UDF+UF+UV+Mineral

Air Water Generator Serie
空气制水机系列





GENNY 3

- 水质高品
新鲜、清洁的饮用水
 - 注重环保
减少塑料的使用，节约水资源的运输损耗
 - 水温可控
更高效的利用率
 - 智能联网
进行持续地预防性维护，自动支持固件的无线更新
 - 灵活模式
水和电的最优利用
 - 净化空气
在生产水的同时完成室内空气循环
- Premium water quality
Fresh, clean drinking water
 - Environmentally friendly
Reduce plastic and water transportation losses
 - Controlled water temperature
More efficient utilization
 - Smart networking
Ongoing & predictive maintenance and support OTA firmware updates
 - Flexible working modes
For electricity & water optimization
 - Air purification
Complete indoor air circulation while producing water

产品型号 MODEL NO	GENNY 3	
制水量 Water generation capacity	30升/ 8 加仑每天 Up to 30 liters/ 8 gallons a day (in Ideal conditions)	
储水容量 Integrated water tank	27升/ 7加 仑 Up to 27 liters / 7 gallons	
产水温度 Water temperature	低温水: 5° -7° C 高温水: 95° -99° C Cold: 41°-44.6°F (5°-7°C) Hot: 203°-210°F (95°-99°C)	
工作电压 Power	120VAC/60Hz, 230VAC/50H	120VAC/60Hz, 230VAC/50Hz
额定功率 Power consumption	875W/h - 1425W/h（启动）美标 875W/h - 2900W/h（启动）欧标	US: 875W in normal operation/1425W maximum, during water heating EU: 875W in normal operation 2900W maximum, during water heating
产水能耗 Energy consumption	350Wh/升 （标准环境26.7° C, 60% RH）	0.35KWH/Liter for water generation in standard conditions (26.7°C, 60% RH)
机身尺寸 Dimensions (LxWxH)	54cm x 42cm x 130cm	54cm x 42cm x 130cm/1.77ft x 1.37ft x 4.26ft
机身净重 Weight	80kg/176磅	80kg/176lbs when dry
进风效率 Air flow	350 m3/h	350 m3/h
滤网规格 Air filtration	多级空气过滤设备 Multi-stage air filtration device	
净水技术 Water purification technology	物理吸附 化学杀菌 Physical adsorption, chemical sterilization	

Air Water Generator Serie

空气制水机系列

室内健康饮用水的首选，无需多余工序，即插即用

The first choice for healthy indoor drinking water, no need for unnecessary procedures, plug and play

小巧灵活，可以完美满足家庭以及办公场所供水；寿命可观，可为18-27人提供终身用水(每人每日1升)；功效卓越，曾被CES 2019评选为改变世界的最佳技术创新奖；价格经济，造水价格仅为0.14-0.28元每升

GENNY 3 is a perfect fit for home or office; Can provide water to 18-27 people. 1L to each person; Selected as the CES 2019 Awardee for Best of Innovation for Tech for a Better World, economically priced with water production cost at only 2-4 cents per liter



Commercial use air water generator series 商用空气制水机系列



BWT-A100

- Production Capacity 100 Liters/24Hr
- Energy Consumption 1.32 KW
- Internal Power Supply AC 220V 50Hz, AC110V 60HZ, single-phase voltage
- Water Tank 40L Refrigerant R410A
- Weight 140 KG Dimension 1250*542*1263MM
- Loading Quantity 20GP 14 PCS 40HQ 54 PCS



BWT-A250

- Production Capacity 250 Liters/24Hr
- Energy Consumption 3.4KW
- Internal Power Supply AC 220V 50Hz, AC110V 60HZ, single-phase voltage
- Water Tank 45L Refrigerant R410A
- Weight 550 KG Dimension 1860*950*1660MM
- Loading Quantity 20GP 5 PCS 40HQ 12 PCS



BWT-A500

- Production Capacity 500 Liters/24Hr
- Energy Consumption 6.3 KW
- Internal Power Supply AC 380V 50Hz, AC440V 60HZ, three-phase voltage
- Water Tank 90L Refrigerant R407C
- Weight 810 KG Dimension 1935*1150*1710MM
- Loading Quantity 20GP 5 PCS 40HQ 10 PCS

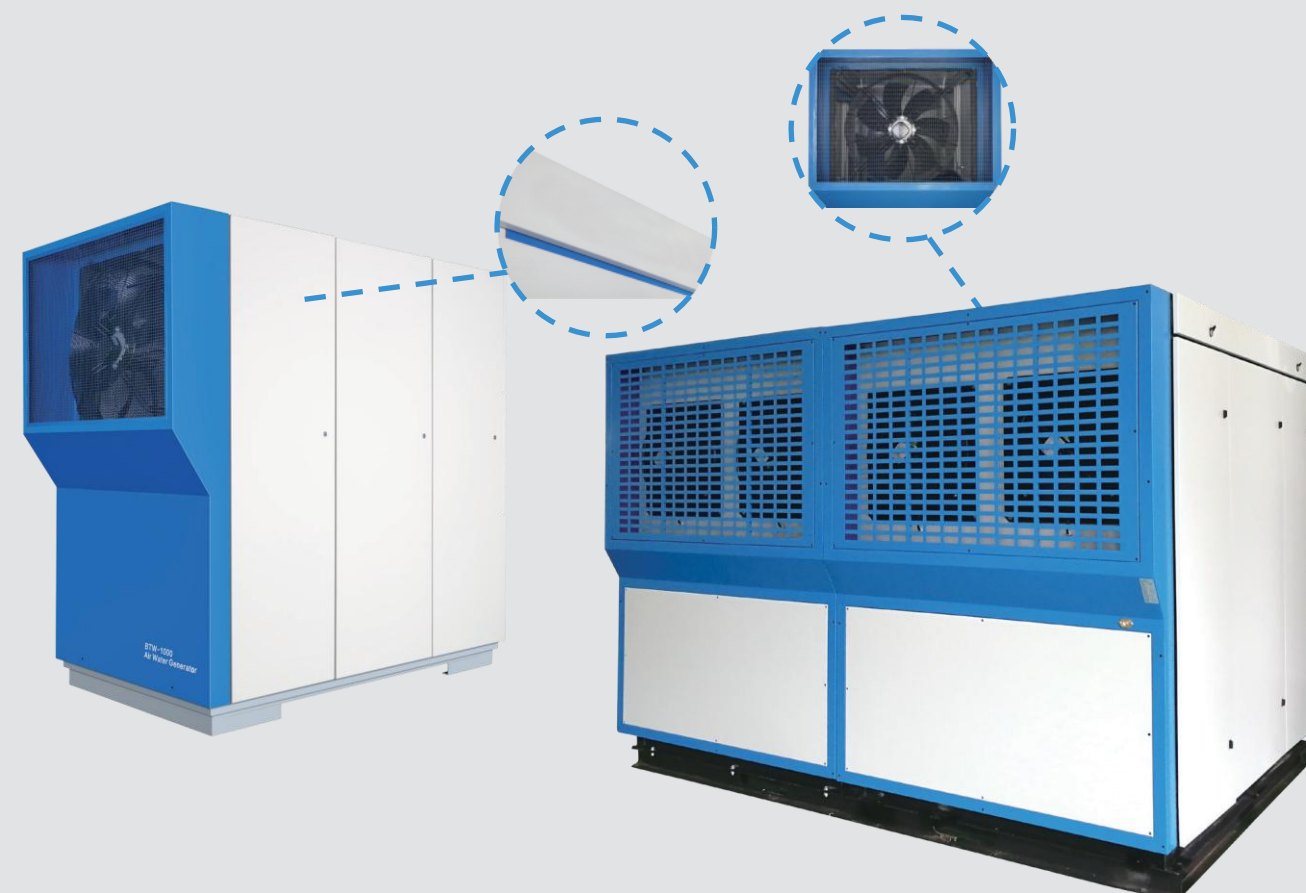
随着全球环境污染的加重，全球淡水资源将日渐紧缺，很多地方虽然不缺淡水，但是水资源被严重污染而无法饮用，而空气中富含水份，空气制水无疑是为缺水地区解决饮用水问题提供最佳途径。

With the worsening of global environmental pollution, the world freshwater resources will become increasingly scarce. Although there is no shortage of fresh water in many places, water resources are too polluted to drink, and the water is rich in air. so making water from air is undoubtedly the best way to solve the problem of drinking water in water-scarce areas.

Commercial use air water generator series 商用空气制水机系列

无需水源，空气取水，无需管线，无废排放，定时杀菌保障水质，自动循环水质鲜活，提供健康安全高标准的饮用水和生活用水。PLC 控制系统，高效的全热交换技术，制水成本低，单位能耗相对于其他品牌产品低40%

No water source needed, making water from air, no pipeline and waste discharge, timing sterilization, automatic circulation of fresh water to assure safety and healthy drinking water. PLC control system, high efficiency heating exchange technologies. Compared with other products in the market, our machine is more stable, low noise, strong water production ability, energy savings of 40%.



BWT-A1000

- Production Capacity 1000 Liters/24Hr
- Energy Consumption 12.3 KW
- Internal Power Supply AC 380V 50Hz, AC440V 60HZ, three-phase voltage
- Water Tank 180L Refrigerant R407C
- Weight 1070 KG Dimension 2165*1550*2076MM
- Loading Quantity 20GP 3 PCS 40HQ 7 PCS

BWT-A2000

- Production Capacity 2000 Liters/24Hr
- Energy Consumption 24.6 KW
- Internal Power Supply AC 380V 50Hz, AC440V 60HZ, three-phase voltage
- Water Tank 400L Refrigerant R407C
- Weight 2030KG Dimension 2160*3050*2076MM
- Loading Quantity 20GP 1PC 40HQ 3 PCS

Commercial / Industrial Use

AWGs series

商业 / 工业级空气制机系列

适用范围:

长期严重缺水地区，如中东、非洲；
高原戈壁地区，如南美、西藏；
海上石油钻井平台、厂矿、航海
罐装水厂、移动式供水站；
医院、学校等公共场合；
边境荒漠、海岛等国防缺水地区；

Scope of Application:

Water-deficient area, the Middle East, Africa
Plateau and Gobi area, the South Amercian, Tibet
Oil drilling platform, factories and mines, seafaring
Bottling plant, Mobile water supply station
Hospital, School, public place
Border, desert, island water-deficient area

BWT-A5000

- Production Capacity 5000 Liters/24Hr
- Energy Consumption 64KW

● Internal Power Supply AC 380V 50Hz, AC440V 60HZ, three-phase voltage

● Water Tank Refrigerant R407C

Weight 3900 KG Dimension 2200*5650*2130MM

● Loading Quantity 20GP 1PC 40HQ 2 PCS



BWT-A5000



Commercial / Industrial Use

AWGs series

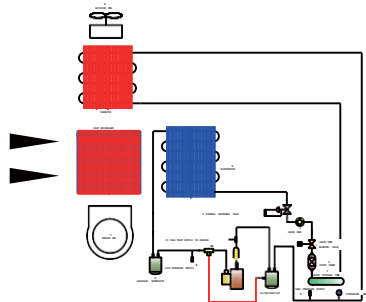
商业 / 工业级空气制机系列

10000L空气制水机为定制机型，设备需要到现场分段安装。
底座采用槽钢形式，共需5道槽钢，4段取水，1台为主机。
主机端有两个螺杆压缩机，在整个设备的控制系统与管路之间连接，
冷凝系统包含冷却冷凝器及冷却风扇。需要配备中央净水设备。

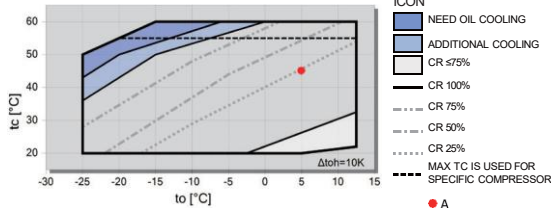
A 10000 liter / 24hr AWG is custom-made, equipment needs to be installed at the scene. The base is used in 5 channel steel, 4 sections of water intake, and 1 main engine. There are two group compressors at the main end, which are connected between the control system and the pipeline in the whole equipment, and the condensing system includes cooling condenser and cooling fan. Centralized water purification equipment is required.



BWT-A10000



CENTRAL WATER PURIFICATION SYSTEM



New Industrial-use Air Water Generator (with Heating Exchange System) AC 220v 50Hz, 380V 50Hz, 30°C 80% HR

Model	Power Supply	Input Power	Water Production (Liters/24Hr) @ 30°C & RH-80%	Compressor			Refrigerant			Air volume		Fan		Machine Dimension (L*W*H) (mm)	Machine Weight (kgs)	Working condition		Control system (Carel)
				Compressor Type	Compressor Qty	Phase Protection	Gas Type	Control Type	Gas charge amount	Circulating air volume	Heat exhaust air volume	Recycle Fan (High efficient centrifugal fan)	Heat Removal Fan (Efficient axial flow fan)			Temperature	Humidity	
BWT-A100-38	AC 220V 50/60Hz single-phase voltage	1.33 kw	103 liters	Enclosed vortex compressor	1	- Delay Protection - Hi & Low Pressure Protection	R410A	Capillary	0.75 kg	650 m3/h	850 m3/h	1 pcs	1 pcs	1250*542*1263	140 kgs	Standard working temperature: 15°C - 45°C	30% - 100%	SPC
BWT-A250-38		3.4 kw	262 liters		1	- Overheat & Overload Protection			2.4 kg	1600 m3/h	2100 m3/h	1 pcs	1 pcs	1860*950*1660	550 kgs			SPC
BWT-A500-38	AC 380V 50Hz three-phase voltage	6.3 kw	480 liters		1	- Phase-sequence Protection - Delay Protection - Hi & Low Pressure Protection - Overheat & Overload Protection	R407c	External balance type Thermal expansion valve	4.7 kg	3000 m3/h	4000 m3/h	1 pcs	1 pcs	1935*1150*1710	810 kgs			PLC
BWT-A1000-38		12.3 kw	965 liters		1				2*4.7 kg	5900 m3/h	7800 m3/h	2 pcs	2 pcs	2165*1550*2076	1070 kgs			PLC
BWT-A2000-38		24.6 kw	1940 liters		2				2*8 kg	12000 m3/h	15500 m3/h	4 pcs	4 pcs	2160*3050*2076	2030 kgs			PLC
BWT-A5000-38		64 kw	4970 liters		4				4*9 kg	31000 m3/h	39000 m3/h	8 pcs	8 pcs	2200*5650*2130	3900 kgs			PLC
BWT-A10000-38	AC 460V 60Hz three-phase voltage	128 kw	9940 liters		8				8*9 kg	62000 m3/h	78000 m3/h	16 pcs	16 pcs	2200*11300*2190	8200 kgs			PLC

Mobile Small-scale Air Water Generator

可移动式小型空气制水机



M1是一种移动式商用小型空气制水机，是学校、医院、建筑工地、临时场所、商业场所和私人住宅的理想选择。

蓄水空间位于机器外部

M1 is a mobile small-scale water generator and is ideal for schools, hospitals, construction sites, temporary localities, commercial locations and esidential houses.The water reservoir is external.

产品型号	MODEL NO	M1	
制水量	Water generation capacity	高达220升/天	Up to 220 liter/day
水温	Water temperature	温水	Ambient water
净水技术	Water purification technology	采用高端聚丙烯纤维和微生物处理技术、杀菌紫外线和超滤技术的多级过滤体系。通过重要矿物质平衡水的PH值，获得高纯度、美味的饮用水	
工作环境	Working environment	温度≥15℃ 相对湿度≥20%	Temperature≥15℃ Relative humidity≥20%
产品能耗	Power consumption	2.2 kW/h ~3.5kW/h	2.2kW/h min up to 3.5kW/h max
机身尺寸	Dimensions (L x W x H)	1.59m x 0.84m x 1.30m	1.59m x 0.84m x 1.30m
机身重量	Weight	350kg	350kg
空气过滤	Air Filtration	亚微米屏障过滤装置 可去除直径小于2.5微米的颗粒物	Sub-micron barrier filter that eliminates<2.5mm particulate matters
外部处理系统 和外置水箱	External water treatment and storage tank	处理系统：臭氧发生装置、水管和碳滤芯 水箱：需要外置水箱	Treatment system: Ozone generator, Water pump and Carbon Filter Water tank: Exetal tank is required



Medium-scale Industria Air Water Generator

中型工业用空气制水机



GEN-M Pro

产品型号	MODEL NO	GEN-M Pro	
制水量	Water generation capacity	高达600升/天	Up to 600 liter/day
水温	Water temperature	常温水	Ambient water
净水技术	Water purification technology	沉淀物过滤、矿化处理、活性炭吸附以及微生物处理	Sediment filtration, mineralization, activated carbon, microbiological treatment
工作环境	Working environmental	温度：18-40摄氏度 相对湿度：20%-90%	temperature: 18 - 40 Celsius Relative humidity: 20% - 90%
外置水箱	water tank	可配外置水箱	External water tank equipped
产品能耗	Power consumption	5.6 kW/h ~ 10 kW/h	5.6kW/h min up to 4 kW/h max
工作电压	Power	208/400V单相交流电，60/50Hz	208 / 400 VAC 1-phase , 60/50 Hz
机身尺寸	Dimensions (L x W x H)	1.46m x 1.50m x 1.73m	1.46m x 1.50m x 1.73m
机身重量	Weight	715kg	715kg
滤网规格	Air Filtration	多介质空气过滤设备	Multi-stage air filtration device
断路器电流	Circuit breaker current	230V / 50 Hz - 16 A 240V / 60 Hz - 2 x 16A	230V / 50 Hz - 16 A 240V / 60 Hz - 2 x 16A

每天从空气中生产600升新鲜、洁净的饮用水
Provides up to 600 liters of fresh, clean drinking water from air daily

GEN-M Pro设备是一种中型的移动式空气制水器,为寻找自来水以外的新水源的学校、医院、公园、建筑、临时住所、工地和住宅楼提供了理想的解决方案。GEN-M Pro只需一个电气插座,无需其他任何管道和基础设施。GEN-M Pro能够高效运行并每天从我们周围的空气中生产最多220升的纯净、安全和美味的饮用水;GEN-M Pro采用创新的净水技术进行沉积物过滤、矿化、活性炭和 NanoCeram®过滤器。在净水过程后,加入了钙、镁等重要矿物质。饮用水最终品质得到杀菌UV-C的保护。GEN-M Pro是市场上最节能的空气制水器之一,能够以更少的电力生产更多的饮用水。GEN-M Pro能在各种气候条件下工作,只需温度超过15° C、湿度大于20%。它可以为500-800人提供终身用水,(每人每日1升),价格经济,每升水的成本为0.14-0.28元。

The GEN-M Pro unit is a mid-sized, mobile air-to-water generator that provides an ideal solution for schools, hospitals, parks, construction sites, temporary shelters, and residential buildings seeking new water sources beyond tap water. Requiring only one electrical outlet with no additional plumbing or infrastructure, the GEN-M Pro efficiently produces up to 220 liters of pure, safe, and great-tasting drinking water daily from the ambient air.This system utilizes innovative water purification technologies including sediment filtration, mineralization, activated carbon, and NanoCeram® filters. Following purification, essential minerals such as calcium and magnesium are added. Final water quality is safeguarded by germicidal UV-C protection.As one of the most energy-efficient air-to-water generators on the market, the GEN-M Pro produces more drinking water with less electricity. It operates in all climatic conditions where temperatures exceed 15°C and humidity levels are above 20%. Capable of providing long-term water supply for 500-800 people (1 liter per person daily), it achieves a cost of ¥0.14-0.28 per liter.





GEN-L

- 全天候提供新鲜、安全的空气制水
 - 每天生产最多6000升饮用水
 - 只需温度大于15℃、湿度超过20%即可产水
 - 无需连入基础设施网络和管道
 - 随时产生，随时取用
 - 减少物流、运输、仓储成本，减少塑料垃圾
 - 能够与其他设备一起，为大用户提供空气制水
 - 符合国际饮用水安全标准
- Fresh, safe drinking water from air throughout the day
 - Produces up to 6000 liters of drinking water per day
 - Water production starts from RT15℃/RH20%
 - Off-the-grid solution, no plumbing needed
 - Ready for access and use
 - Reduces logistic, transportation, storage cost and plastic waste
 - Can integrate with other units to create drinking water to customer
 - Complies with international drinking water safety standards

产品型号	GEN-L	
制水量	water generation capacity	每日最多6000升 Up to 6000 liters per day
制水效率	water generation efficiency	350 瓦 时/升 350 Wh/liter
尺寸（长宽高）	Dimensions(L x W x H)	2.85m x 2.23m x 2.26m 2.85m x 2.23m x 2.64m
重量	Weight	2630 千克 2630kg
能耗	Energy consumption	额定：60千瓦/时，最高：90千瓦/时 Nominal 60kw/h, peak power up to 90 kw/h
空气过滤	Air filtration	亚微米屏障过滤装置 可去除直径小于2.5微米的颗粒物 Sub-micron barrier filter that eliminates<2.5mm particulate matters
净水技术	water purification	采用高端蓝纤维和微生物处理技术、杀菌紫外线和超滤技术的多级过滤体系。通过重要矿物质平衡水的PH值，获得高纯度、美味的饮用水 Utilizing advanced fiber and microbiological treatment technology, sterilizing UV lamp and ultrafiltration technology in multi-stage filtration system.Achieving high purity, delicious drinking water by balancing the PH of water with essential minerals

Large-scale Air Water Generator Station

大型工业级智能饮水站

每天从空气中生产6000升新鲜、洁净的饮用水
Provides up to 6000 liters of fresh, clean drinking water from air daily

GEN-L可在空气质量条件不同的国家和环境最恶劣的地区使用。它在亚洲、中东、拉丁美洲、非洲和美国等许多地区提供优质的饮用水。

GEN-L is used in countries with different air quality conditions and in areas with the worst environments. It provides high-quality drinking water in many regions of Asia, the Middle East, Latin America, Africa and the United States etc.



Air Water supply emergency rescue vehicle

供水紧急救援车



配备GEN-M的定制化改装重型车，可以在紧急情况下提供快速机动的饮用水资源。应急全面，可在紧急状况的各个阶段全方位提供长期、可持续的饮用水资源。寿命可观，可为500-800人提供终身用水（每人每日1升）

- 无须水源
可在没有饮用水源的地区生产水
- 能源高效
使用卡特彼勒18KVA柴油发电机
- 无须电网
即使在没有电网的地方也能使用
- No need in water source
Generates water in areas with no potable water source
- Efficient envery
Caterpillar 18KVA Diesel Generator
- No need in electric grid
Operable even in areas without an electric grid

Customized heavy-duty track equipped with Watergen's GEN-M, providing clean drinking water to people in emergency situations. Ideal for long-term sustainable water generation throughout all phases of emergency and crisis responses; Can provide lifetime water to a community of 500-800 people. 1L to each person;

- 空间多用
具有存放紧急医疗用品和生活供需品的空间
- 快速安装
能够快速简单地部署在大多数天气条件下以及偏远地区和难以到达的地方
- 移动电源
配置可充电的直流电插座
- Multi-usage space
Space to store emergency medical supplies and provisions
- Fast assembling
Fast and easy deployment in most weather conditions, remote areas and difficult to access locations
- Portable power source
Installed rechargeable DC outlets

产品型号 MODEL NO	ERV	
制水量 Water generation capacity	800升/ 211 加仑每天	Up to 800 liters/211 gallons a day in ideal condition
储水容量 Integrated water tank	200升/53加 仑	200 liters/53 gallons
额定功率 Power consumption	5.6 kW/h（正常工作） - 10 kW/h（启动）	Nominal ~5.6kW/H Max 10kW (at start up)
产水能耗 Water generation efficiency	250Wh/升	250Wh/liter
机身尺寸 Dimensions (LxWxH)	2.4m x 7.3m x 2.7m	2.4m x 7.3m x 2.7m / 8ft x 24ft x 8.75ft
机身净重 Weight	780kg / 1,720 磅	780kg / 1,720lbs when dry
滤网规格 Air filtration	多级空气过滤设备 Multi-stage air filtration device	
净水技术 Water purification technology	沉淀物过滤，无机化作用 Sediment filtration, mineralization, activated carbon and microbiological treatment by UV lamp	

*可附加设备：1000-1500L容量水箱；500L容量油箱，可供持续运行一周； 应急照明； 自定义徽标或喷漆； WiFi
Attachable device: 1000-1500L water reservoir; 500L fuel tank for one week long operation; Emergency Lighting; Custom logo or paint, WiFi

Vehicle Air Water Generator

车载用水设备

私家车以及公共交通工具的供水一体化解决方案。应用广泛，可广泛应用于各种公共交通以及私家出行工具；产水高效，每日可以生产高达30升/7.9加仑的高质量饮用水

An integrated solution for water supply for private cars and public transportation. Can be used in a wide range of public transportation and private vehicles. Highly efficient production of up to 30 liters / 7.9 gallons of high quality drinking water per day.

优势 Advantages

- 接电即饮 除了汽车，不需要其他设备
Drinking when connected to electricity: no other equipment is needed except for the car
- 水温可调 冷水与常温饮水皆可提供
Adjustable water temperature: cold water and room temperature drinking water can be provided
- 资源环保 它是瓶装水的理想替代
Resource saving: Ideal alternative to bottled water

特性 Features

- 可定制的储水装置
Customized water storage units
- 净水技术：沉淀物过滤，无机化作用，活性炭吸附，杀菌处理
Water purification technology: sediment filtration, mineralization, activated carbon adsorption, bactericidal treatment
- 微生物处理
Microbiological treatment



Trailer-removable Air Water Station

饮用水移动平台 (MWT)



配备GEN-M的定制化改装拖车

MWT is a customized heavy-duty trailer outfitted with our Gen-M Atmospheric Water Generator

应急全面，紧急状况发生后的高机动饮用水解决方案：产水高效，每天可产高达800升/211加仑的高质量饮用水 (26.7℃，70%湿度)；寿命可观，可为500-800人提供终身用水 (每人每日1升)

A mobile solution after an emergency incident or natural disaster: Water generation capacity up to 800 liters/211 gallons a day in ideal condition (26.7℃, 70% humidity); Can provide lifetime water to a community of 500-800 people. 1L to each person

- 高机动性
- 通用性强
室内外均可使用
- 无须电网
可在任何地方使用
- 无须水源
在没有饮用水源的地区生产水
- 快速安装
能够快速简易地部署在大多数天气条件下以及偏远地区和难以到达的地方
- 应急能力
能够适用于紧急和救援的所有阶段，可长期可持续生产饮用水

- Highly mobile
- Common use
Indoor and outdoor usage
- No need in electric grid
Dispenses water in any places
- No need in water source
Produces water in areas with no potable water source
- Fast assembling
Fast and easy deployment in most weather conditions, remote areas and difficult to access locations
- Dealing with emergency
Ideal for long term sustainable water generation throughout all phases of emergency

技术参数 Specifications

产品型号 MODEL NO	GEN-M	
制水量 Water generation capacity	800升/ 211 加仑每天 Up to 800 liters/211 gallons a day in ideal condition	
储水容量 Integrated water tank	200升/53加仑 200 liters/53 gallons	
额定功率 Power consumption	5.6kW/h（正常工作）10 kW/h（启动） Nominal ~5.6kW/H - Max 10kW (at start up)	
产水能耗 Water generation efficiency	250Wh/升	250Wh/liter
机身尺寸 Dimensions (LxWxH)	4.9m x 2.4m x 2.13m	4.90m x 2.40m x 2.13m / 16ft x 8ft x 7ft
机身净重 Weight	2631kg / 5800 磅	2631kg / 5,800 lbs (Trailer 1043kg/2,300 lbs)
滤网规格 Air filtration	多级空气过滤设备 Multi-stage air filtration device	
净水技术 Water purification technology	沉淀物过滤，无机化作用，活性炭吸附，微生物处理 Based on sediment filtration, mineralization, activated carbon, microbiological treatment	



The 4th Generation of commercial Air Water Generator
第4代商用空气制水机

