

THE BIG BLUE
INDUSTRIAL / COMMERCIAL
ATMOSPHERIC WATER GENERATOR

BENEFITS OF OUR BIG BLUE SYSTEM

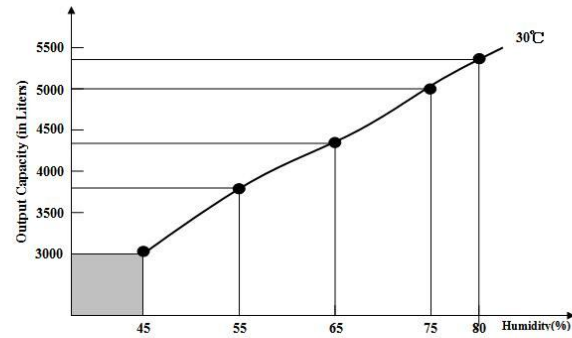
Our big blue industrial / commercial atmospheric water generators capture moisture from the air and turn it into crystal pure drinking water. We do not deplete water from natural water sources. It is smart use of condensate water without any additives.

The air is purified as it passes through air filter which purifies the air by removing dust, pollen, mold spores, bacteria and other air born particulates making the unit an effective centralized air purifying system.

We don't put 10 units of 500L together to finish a 5000L machine as other suppliers. We particularly design individual condenser, fan motor, compressor, and other necessary components for each model. It makes our big blue water generator not only a dehumidifier. But a unique energy efficient water generator which still can produce plenty of water in environment with low humidity and low temperature. These designs are not available anywhere else.

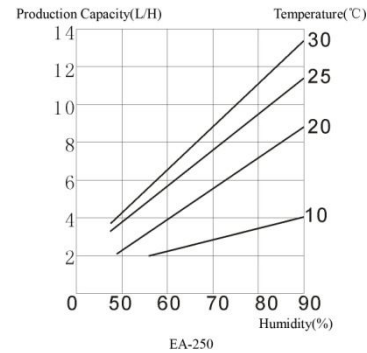
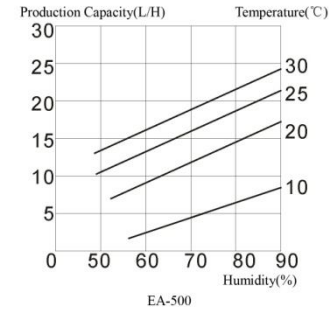
Many different models available ranging in capacity and sizes to fit and suit your water requirement. From 60 liters to 5000 liters per day, it is your choice...

HOW MUCH WATER CAN BE PRODUCED FROM OUR BIG BLUE?



Water production (24-hour period) (in liters)
Temp. erature range: 15~40℃

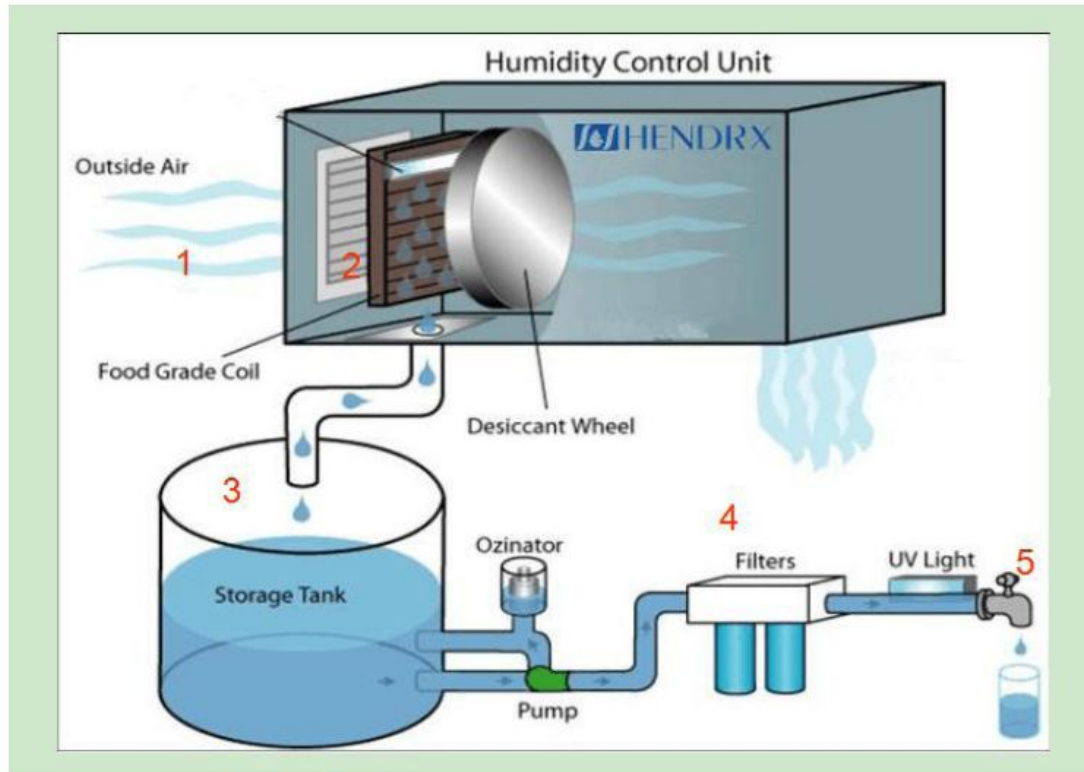
Humidity(%)	45	55	65	75	80
Production Capacity(Ltrs)	3200	3750	4400	5000	5400



Refer to the instruction as the following water producing capacity diagram for our big blue. You will find out the higher temperature and humidity, the more water will be produced.

For example, when ambient temperature reach 30`C, and related humidity reach to 80% in the air. Our machine which largest one can produce 5000L per day

HOW THE BIG BLUE SYSTEM WORKS



1, Outside air passes through an efficient air filter which purifies the air by removing dust, pollen, mold spores, bacteria and other air borne particulates.

2, The moisture is condensed from the outside air on “food grade” coated coils and collected in a Ultra Violet (UV) protected chamber.

3, It is then stored in a holding tank which is continuously ozonated to ensure that it is free of contaminants.

4, As needed, water is drawn from the tank, filtered through a Volatile Organic Chemical (VOC) carbon filter and then passed through the germicidal Ultra Violet (UV) Sanitation light.

5, Water is ready to be dispensed hot and cold through indoor water dispenser units that can be placed anywhere drinking water is needed.

FILTRATION SYSTEM

Our big blue system uses an advanced water filtration system to purify and then maintaining the purity level of the water.

Additionally, we can design “ Custom Filtration System” depending on each individual project needs and requirements.

STANDARD FILTRATION SYSTEM

Unless specifically requested or required by a project, the water generators come with our standard, advanced multi-step water filtration system:

1. Recirculation and delivery pump – constantly recirculates water in storage tank and delivers water to point of use (POU). Has built-in controls that protect pump from running in zero –flow condition.
2. Sediment filter- five micron string wound filter the removes suspended solids from water.
3. Carbon filter – removes organics and oxidants from the water.
4. Germicidal Ultraviolet Unit – the UV chamber allows filtered water to be exposed to high levels of ultraviolet (UV) LIGHT. UV treatment disinfects water and prevents buildup of bacteria.
5. Ozone injection – ozone gas is drawn into the tank recirculation stream. Ozone is a very strong oxidant and provides a residual disinfectant that keeps water in the tank free of any biological growth.



WATER STORAGE TANKS AVAILABLE TO BE USED



Regardless of size, every project we undertake is important. Together, we will assist you in determining the correct capacity for your water – storage tank, starting from the smallest 50gallon tank to large industrial sized storage tank capable of storing thousands of gallons of water.

SHIPPING, INSTALLATION AND WARRANTY



Upon receipt and confirmation of order, the big blue systems will generally be ready to ship within three months depending on the models

We can ship you system to any destination port or city in the world

We can assist in the installation and start-up of all big blue system on the project site



BIG BLUE HAS NUMBERS APPLICATIONS

The big blue systems can be used to generate pure drinking water, control humidity level and provide cool dehumidified air (air conditioning) in numerous industrial / commercial applications

Ideal applications include:

Supermarkets and supercenters

Schools and universities

Restaurants

Convenience stores

Office buildings

Hotels

Housing projects

Condominiums and apartment

Complexes

Theaters

And many more....

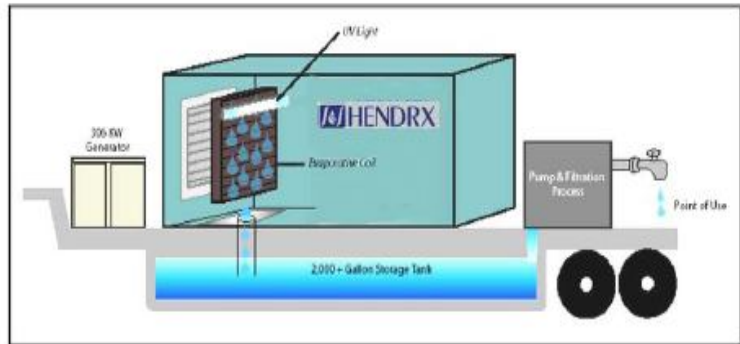


MORE APPLICATIONS

The big blue can be installed on large commercial / passenger ships, boats and yachts to provide precious fresh drinking water and assist existing air conditioning system to work more efficiently.

The big blue can provide unlimited and continuous supply of purified water for remote off / on- shore oil rigs and platforms, eliminating the need to transport free, drinking water at a hefty cost.





MOBILE AIR WATER SYSTEMS

All big blue systems can be mounted on trucks or trailers to provide a complete, “self-contained” and “self-sufficient system”

The mobile air water system include an atmospheric water generator, oversized storage tank and an oversized power generator, for extra electricity, are installed and mounted on a trailer or flatbed truck

APPLICATIONS FOR THE MOBILE AIR WATER SYSTEM

The mobile air water system can be used by the armed forces to supply potable drinking water in the field

The system can be transported to remote villages, cities and towns where drinking water is not available

Disaster relief organizations such as FEMA or Red Cross Can mobilize the units quickly to disaster stricken areas.





ENGINEERING CAPABILITIES

Depending on your requirement, we have the engineering capability to custom design and build Turn-Key, Large -Scale" Water Factories" capable of producing hundreds of or thousands of gallons of fresh purified drinking water each day



CASE DEMONSTRATION

ONE UNIT OF EA-5000 TO AUSTRALIA ARMY



TWO UNITS OF EA-3000 TO SOUTH AFRICA GOVERNMENT



TWO UNITS OF EA-500 TO LAOS



FOUR UNITS OF EA-500 TO CONGO



ONE SET OF EA-500 AND DIESEL GENERATOR TO NEGIRIA



ONE UNIT OF EA-1500 TO MIDEAST



TWO UNITS OF EA-250 RUN IN THE PARD



FIVE UNITS OF EA-250 TO THAILAND



ORDER TO CYPRUS



MACHINE PAINTING WITH DIFFERENT COLOR

