

AERIX

Presentation

AE Generators

Index

1. **AE Generators**

- a. Introduction
- b. Advantages
- c. Commitment

2. **AE Agriculture**

- a. Introduction
- b. Study
- c. Greenhouses

3. **AE Livestock**

- a. Introduction
- b. Advantages
- c. Conclusions

4. **AE Housing or Developments**

5. **AE Towns**

- a. Introduction
- b. Study

6. **Contact**

AE Generators

How would you like to have the power to create water wherever and whenever you want? That is precisely what motivated **Aerix** to create a range of high-quality **atmospheric water generators** called **AE**.

Advantages

Absolute freedom

With **Aerix**, you will no longer be tied to limited water sources or weather restrictions. You will have the power to create your own water wherever and whenever you need it.

Water quality

High-quality water, enriched with **molecular hydrogen**, for human consumption, irrigation, and livestock. Water that has been analyzed and verified by an independent laboratory.

Benefits of hydrogenated water: Natural antioxidant, reduces oxidative stress, anti-inflammatory, improves muscle recovery, cardiovascular health, neuroprotective, blood sugar control, kidney protection, immune support, skin benefits, cellular hydration, acid-base balance, liver protection, prevents chronic diseases, anti-aging, relieves menstrual symptoms.

Production capacity

Variety for all needs. From the basic model that produces **30 liters per day** to the most advanced that can generate **50,000 liters per day**, we have developed a solution for every situation and every customer.

Available models			
AE20	20L/day	AE2000	2000L/day
AE50	50L/day	AE10000	10000L/day
AE150	150L/day		
AE500	500L/day		
AE1000	1000L/day		

AE Generators

Model AE150

Commitment

Aerix was born out of a strong commitment to the environment, with the aim of both reducing our carbon footprint and bringing high quality water to the most needy places on the planet.

This commitment has led us to develop water generators



Green energy



Sustainability in action.

We've worked hard to ensure that **all** of our **AE** machines have the ability to be powered by **green energy**, such as solar or wind.

This means you're not only getting clean water, but you're also helping the planet by reducing your carbon footprint!

Positive impact.

By using our machines, you are investing in a more sustainable **future** for everyone. Not only will you be improving your own quality of life, but you will also be contributing to mitigating global water scarcity and promoting more responsible practices.

AE Agriculture

Our **AE** represent a revolution in the agricultural industry. By providing high quality water independently, we enable farmers to optimize the growth and health of their crops, reduce the use of chemicals, and improve the efficiency and durability of their irrigation systems.

A study carried out by **CIFACITA**, Centro de Investigación y Formación Aplicadas a Cultivos Intensivos de Tecnología Alta (Murcia), compares the water generated with **AE** with that generated with regular irrigation water:

Irrigation system

AE water has the ability to reduce calcareous incrustations and deposits that form in any piping system.

In addition, it acts effectively against algae blooms, even eliminating them completely. This results in a more efficient and durable irrigation system, with less need for maintenance and fewer operational problems.



Photosynthesis and assimilation:

Water generated by **AE** promotes better photosynthesis and nutrient assimilation in crops. This results in increased crop growth, stronger natural defenses and more efficient reproduction.

Brix content:

On average, **AE** water increases Brix content by 2 tenths of a percent in the three selected ripening stages compared to normal water. Brix content is an indicator of fruit quality and sweetness, which means that products irrigated with **AE** water are of superior quality.

AE Agriculture

Vegetative growth

In plants irrigated with ordinary water, a greater vegetative growth in height was observed during the months of study. However, plants irrigated with AE water show more controlled vegetative growth but higher productivity and fruit quality.

This indicates that our **AE** not only optimizes plant growth, but also improves the quality and quantity of the harvest.

Reduction of chemical inputs:

It significantly reduces the need for chemical fertilizers and phytosanitary treatments due to improved nutrient assimilation and overall plant health, which is beneficial for both the environment and the health of consumers.

Greenhouse benefits

Eliminate excessive moisture that often accumulates in these controlled environments. This is crucial, as excess moisture can create an environment conducive to the development of plant diseases and the proliferation of fungi and other pathogens.

The use of AE generators not only improves the internal environment and prevents problems associated with humidity, but also provides the crop with a high quality water resource. This translates into healthier crops, reduced chemical use and a more sustainable and productive growing environment.

Reduction of humidity and improvement of the environment



AE Livestock

We are aware that some of the problems that livestock farming has are related to the supply and quality of the water consumed by the animals.

Advantages of AE generators

Nutritional quality

Our water generators ensure that animals have access to high quality mineral water suitable to their specific needs. This not only improves the hydration of the animals, but also reduces the incidence of diseases caused by the consumption of bad water. By having access to clean, pure water, animals develop a stronger immune system and remain healthier in general.

Independent supply

They guarantee a continuous supply of water, even in times of water restrictions, your animals will have access to clean water, regardless of external conditions.

Quality hydration



Stable supply



Conclusions

In summary, by installing **AE**, farmers not only solve water scarcity and water quality problems, but also promote the health and welfare of their animals, ensuring the continuity of their production and contributing to the sustainability of their operations. **AE** represent a comprehensive solution to improve efficiency and quality in livestock farming.

Houses and Developments **AE**

In many urban areas, having a garden and a pool has become a problem due to water restrictions. Regulations are preventing residents from watering their gardens and filling their pools.

Solutions for communities



With our **AE**, this problem is solved. A development is no longer obliged to connect to the water network and can meet its water needs on its own.

Pool and garden solutions

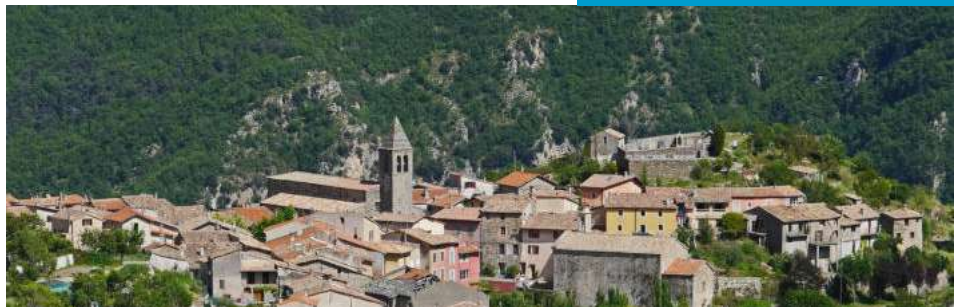


AE Populations

After contacting mayors of different towns and cities, we have noted a generalized concern due to the water **restrictions** affecting their municipalities. Many of these towns must be supplied by tanker trucks, which turns water into a luxury and generates a significant **CO2** impact due to transportation, harming the planet.

AE not only solve the problem of water supply in towns and cities affected by restrictions, but also promote a more sustainable and efficient management of water resources. With our **AE**, water ceases to be a luxury and becomes an accessible and environmentally friendly resource for everyone.

Ecological populations



Aerix Study for Populations:

We conducted a study on a population of approximately **5,000** inhabitants, with the objective of demonstrating the supply capacity that our **AE** would have in a population with the following characteristics.

- Total population:

5,000 inhabitants

- Homes and businesses:

Approximately 3,000 units, including regular residences, second homes and businesses.

- Daily consumption per inhabitant: 100L

This results in a total consumption of: **100L × 5,000 inhabitants = 500,000 L per day.**

To ensure an adequate supply and surplus, 12 **AE** generators of 50,000 liters per day would be needed, totaling 600,000 liters per day.

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Generators **AE**