

Water from Air Technologies (SEAS)
SOCIETE DE L'EAU AERIENNE SUISSE SA

SEAS AWA Modular series Water from Air + Energy Technology, produce pure potable water directly from the humidity in the atmosphere.

Water Produced: 250L/Day — 10,000L/Day

BASIC. Suitable for irrigation, washing and industrial process.

DRINKING. Perfectly Pure and Tasty Drinking Water, with custom mineralization.

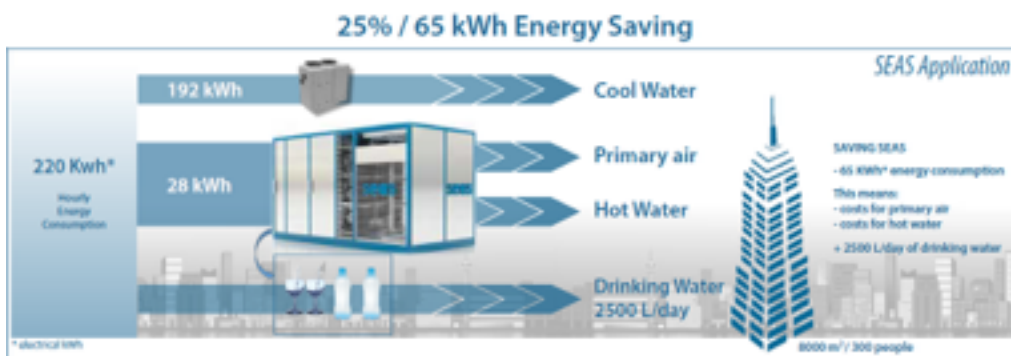
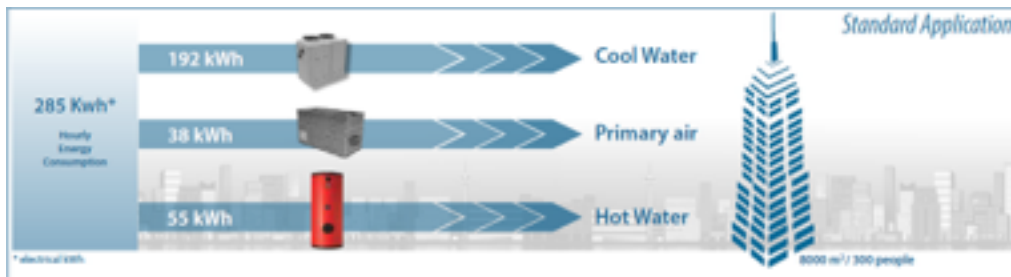
MINERAL FREE. Distilled Water (2 MΩ of resistivity) suitable for certain alimentary uses.

MINERAL FREE PLUS. High quality distilled water (over 15 MΩ of resistivity) suitable for pharmaceutical, food and beverage, cosmetic and industrial applications.

Water production bi-product is a considerable amount of thermal energy in the form of:

- **Primary air for air-conditioning.** 24°C at 40% RH
- **Energy for hot water heating.** 50°C

In the example below, a Generic Building Application is shown where with AWA achieves a 25% Energy Saving, while producing potable water.



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**WASTE TO ENERGY
MAGS™ (Micro Auto Gasification System)**

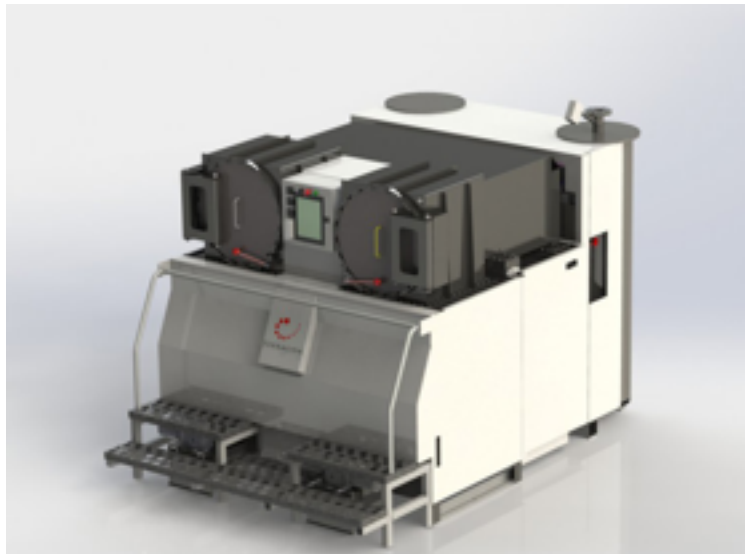
MAGS™ (Micro Auto Gasification System) is a small-scale waste to energy appliance that is fuelled by waste.

MAGS™ is designed to treat waste at Airports, Hospitals and Hotels. (solid waste, food waste, used oils, rags, plastic, wood, cardboard, paper and bio-medical).

With this new technology, all waste is treated on-site, resulting in long-term beneficial solutions which leads to dramatic cost savings from neutralized waste while providing on site energy generation.

Advantages are:

- Self-fuelled, using the garbage energy content to sustain the gasification process.
- Much cleaner air emissions and offers CO2 carbon tax credit.
- Light and compact.
- Very low maintenance since it does not use refractory material.
- Can operate anywhere, as only a 4 inch pipe is required for 40°C gas exhaust.
- MAGS™ generates between 70-80 kW of thermal energy in the form of hot water.
- Free valuable space previously used for garbage storage.
- Eliminates bad odours related to garbage storage.
- Sequesters carbon from waste to reduce CO2 emissions.



MAGS™ can significantly reduce waste disposal cost, especially for waste considered as dangerous, such as bio-medical waste, waste oil and solvents.