

WE MAKE WATER DRINKABLE
WHEREVER THE SUN SHINES

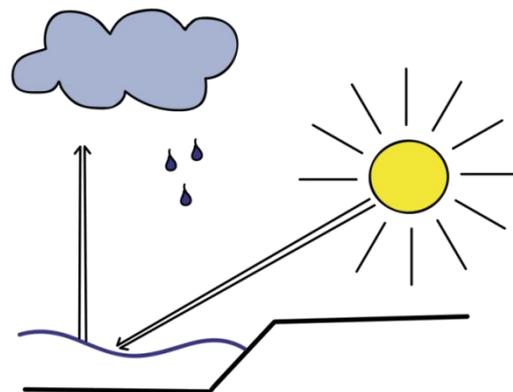




You need pure drinking water, we have the answer.

Pure, clean water is vital for health and life. Good drinking water is a major factor contributing to quality of life. In areas of limited natural drinking water resources, water is particularly appreciated. We have developed a system for the preparation of drinking water by transforming sea- or brackish water into pure, soft drinking water of the highest quality.

In our system sea water (or brackish water) evaporates to become pure, high-quality drinking water. The only source of energy required is the sun. There are no emissions, no pollution, and the high water quality is achieved without the use of chemicals or other additives.

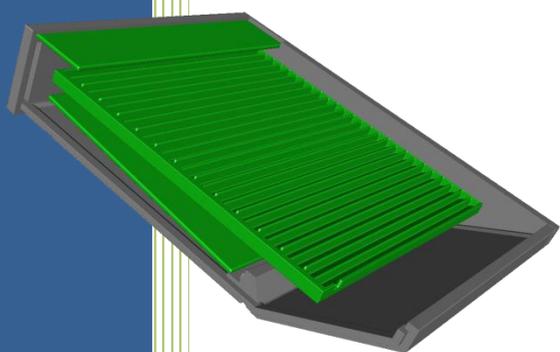


We apply the principles of nature's water cycle to produce drinking water – wherever the sun shines.

Every day, throughout the world, nature transforms sea water into drinking water. The procedure is quite simple: The sun warms the surface of the sea, causing the water molecules to evaporate, while leaving the salt and other contents behind. Clouds are



One CLARA PUR produces 10 l of drinking water per day.



The reliable system contains no moving parts.

formed; the water molecules condense and fall back to the earth as rain.

We apply the principles of this natural water cycle in a system for generating drinking water.

We have built in nature for you

Salt, brackish, or sewage water is pumped into the system using a photovoltaic or wind-driven pump. The sun shines on the solar module, water evaporates and pure drinking water condenses. It can be collected and used immediately.

In contrast to other water preparation methods (e.g. reverse osmosis), there is no need to pre-treatment of the

raw water or post-treatment of the drinking water. The module is easy to operate, runs silently, causes no emissions and requires only the sun as its sole energy supply. The reliable system contains no moving parts – thus eliminating expenses for spare parts, despite daily use.

Modular system, easy to use

The system consists of easy-to-connect modules. The number of modules needed depends on your local conditions (e.g. your rooftop) and your requirements. A plant of 100 Cells of CLARA PUR with a footprint of 275 square meters (25 x 11 m) produces 1,000 liters of drinking water daily.



100 CLARA PUR Cells modules produce 1,000 liters of drinking water per day - Demonstration Site near Aix-en-Provence (France).

The advantages speak for themselves

+ Top-quality pure, soft drinking water

The drinking water is as soft as rain water. The closed system means that the drinking water produced by the CLARA PUR cells is even better than rain water.

+ Safe and independent

All you need is the sun and sea water, brackish water or sewage. You are not dependent on any other energy or water supplies. The sun – reliable and inexhaustible – is the only energy source you need.

+ Efficient

A system comprising 100 Cell of CLARA PUR supplies you with 1,000 liters of drinking water per day.

+ Reliable

The modules work entirely without mechanical and electronic components, and are thus maintenance-free. No spare parts are required and the plan, being plastic-based, is corrosion-resistant.

+Eco-friendly

The system is entirely emission-free. No chemicals or other additives are needed – either for pre-treatment of the raw water or post-treatment of the drinking water. Sun and wind provide all the energy you need.

+ Expandable

One module provides maximum 10 liters of pure drinking water per day. Modules can be

combined according to your requirements. If you

demand for drinking water increases, it is a simple matter to add more modules to your system.

+ Safe investment for the future

Our technology – made in Germany – uses the best materials available and tried-and-tested parts. It applies a simple principle to exploit natural processes. The system thus enjoys a very long service



Solar Water Cell at the SOS Kinderdorf, Flores (Indonesia)



Water covers nearly $\frac{3}{4}$ of our planet, accounting for 71 % of the earth's surface.

The power of innovation

We are a dynamic company with vital ideas and a consistent strategy. It offers innovation solutions to the ever-increasing problem of drink water shortages in many areas.

The firm is run by its founders, who vouch for the company and the quality of its products, for its innovative strength and for the economic viability of its projects.

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