

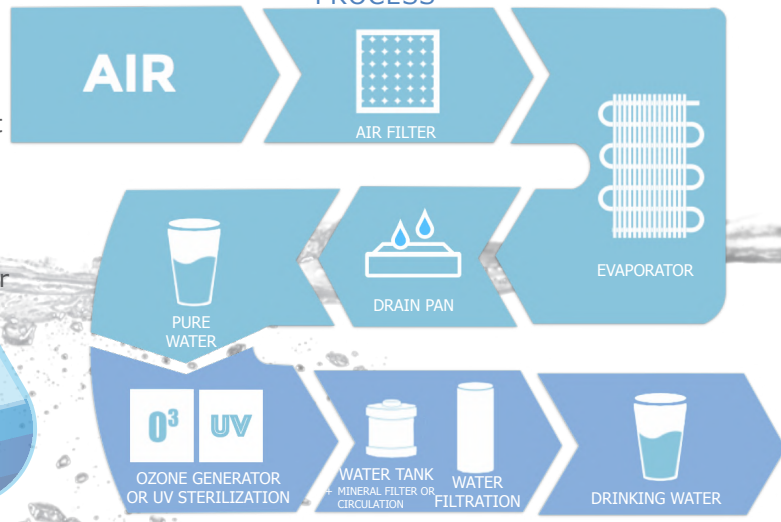


Technology

Skywater uses refrigeration and air conditioning technology to efficiently generate water from the moisture in the air. It draws in large volumes of air and passes it through a heat exchanger. The amount of water generated varies with environmental conditions; the higher the air temperature and humidity, the more water is produced.

The generated water is treated with ozone for disinfection and then passed through a water purifier to remove impurities. This ensures the provision of clean, safe water.

The Water Generation PROCESS



*The water tank, ozone generator, and water filtration system will be sold separately as optional components for drinking water use.

Creating **WATER** from **AIR**



Skywater

WATER made from AIR

Not Required

Removal of **CHLORINE**

Bottle **REPLACEMENT**

Delivery **ARRANGEMENT**



Specifications

	Skywater OASIS C1	Skywater OASIS A1
Model Name	Skywater OASIS C1	Skywater OASIS A1
Model Number		
Power Supply	100V 50Hz/60Hz	3 phase 200V 50Hz/60Hz
Refrigerant Gas	R407C	R407C
Temperature Range	13°C~40°C	13°C~40°C
Humidity Range	30%~95%	30%~95%
Dimensions	480 x 540 x 900mm	1,681 x 2,000 x 1,100mm
Weight	45kg	700kg
Operating Noise	45dB	60dB
Power Consumption	MAX 800W	6.7 kW
Water Production Capacity*	30 L/day	1,000 L/day

*In the case of 25°C temperature and 80% humidity

Installation

1. Install the device horizontally.
2. Ensure at least 1.5 meters of space around the device for proper air intake.
3. Avoid direct exposure to wind, rain, and other elements.
4. Do not block the water discharge outlet. Connect a storage tank if necessary.

Maintenance

Clean the air filter monthly.

*The Skywater OASIS C1 is currently in the prototyping design stage and is subject to change without notice.



XPRIZE™ "Create water using clean energy at 2 cents per liter."

The XPRIZE Foundation is a nonprofit organization supported by numerous business leaders and entrepreneurs in the United States. It continues to support new technologies that tackle environmental challenges. In the "Water Abundance XPRIZE" competition organized by XPRIZE, the Skywater/Skysource alliance team achieved a remarkable victory in 2018, winning a prize of \$1.5 million for a technology that will benefit humanity. The prize money is being used to promote this technology in regions where drinking water is too expensive for everyone to access, and it is expected to contribute to solving global issues.



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Skywater OASIS

Water Made from Air

Reliable Water Generation Anywhere

Skywater is a water server that produces high-quality water at low cost using clean energy. Available in two sizes—a convenient household model and an industrial model—Skywater is perfect for homes, areas with poor infrastructure, remote locations, drought-stricken regions, and emergency situations. By providing safe and secure water, Skywater aims to make a meaningful contribution from everyday use at home to addressing global water issues.

Evacuation Site

Skywater can be used in evacuation sites during disasters, remote areas with difficult water access, vacation homes, and more. It helps to secure a water source and enhance resilience.



No Replacement Required

There is no need to carry or replace heavy water bottles.



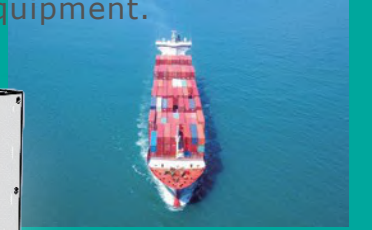
Agriculture

Skywater is used for agriculture in areas where securing water is difficult. It has already been sold extensively in regions with insufficient water supply due to droughts and natural disasters.



On Ships

Typically, desalination equipment for seawater is installed on ships, but Skywater can be used as a precaution against equipment malfunctions or failures. It is smaller and can be introduced more easily compared to desalination equipment.



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Household

Industrial



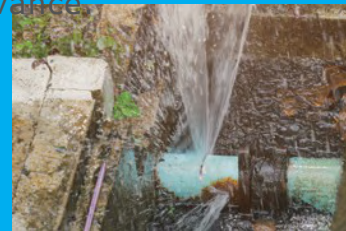
Economical

Skywater is environmentally friendly and economical as it eliminates the need for bottled water. There is no need for any bottle storage space.



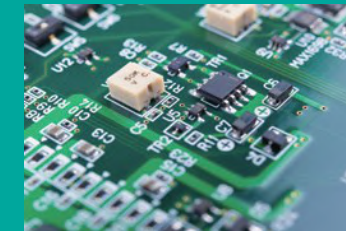
Disaster Preparedness

To prepare for potential disasters, Skywater can be installed in homes. In recent years, water supply interruptions have been prolonged due to aging infrastructure. Prepare for such situations by installing Skywater in advance.



Washing/Cleaning

Purified water can also be used as pure water. It is suitable for cleaning precision equipment and items that must avoid chlorine.



Remote Island

Skywater can be used as a water source on remote islands where it is difficult to secure drinking water and domestic water.



Skywater around the world



Skywater for Off-the-Grid Water Supply Points

Skywater has already been deployed by the Red Cross and several military units overseas. It operates worldwide, providing fresh, safe drinking water on-site even in harsh environments during emergencies and other crisis situations. Skywater units can be mounted on trailers, trucks, and other mobile platforms, providing a portable solution that can be combined with various additional features. By arranging units in series, larger quantities of water can be generated, making them suitable for supplying residential homes, office buildings, or serving as water supply points in large-scale regional development projects. In emergencies, Skywater can be installed as a base facility for temporary housing or disaster shelters and used in complex configurations.

For People Around the World Suffering from Water Shortages

Two-thirds of the Earth's surface is covered with water, amounting to approximately 1.4 billion cubic kilometers. However, the vast majority of this is seawater, and only about 2.5% is freshwater. Moreover, most of this freshwater exists as ice or glaciers in regions like Antarctica and the Arctic. Consequently, the amount of freshwater available as groundwater, rivers, and lakes is only about 0.8% of the Earth's total water, and a significant portion of this is groundwater. Thus, the water available in rivers and lakes, which is more accessible for human use, constitutes only about 0.01% (100,000 km³) of the Earth's total water. According to the United Nations' World Population Prospects (July 2022), the global population surpassed 8 billion in 2022. It is projected to reach 9 billion around 2037 and 10 billion around 2058.



Skywater Secures Safe and Clean Water for People Suffering from "Water Stress"

