



Spatial Sterilization by
OZONE

Japan Advanced Technology Center Co., Ltd.

Deola.HAL

Air Water System

The future of water starts with air.

~A Smart Water Solution~

SUSTAINABLE
DEVELOPMENT GOALS



Global Distributor
(Excluding Japan)
Developer/Manufacturer

Japan Advanced Technology Center Co., Ltd.
DePort Co., Ltd.



Today's Agenda

1. Company Profile

Global distributor
(excluding Japan)

Japan Advanced Technology Center Co., Ltd.

Developer/manufacturer

DePort Co., Ltd.

2. Issues related to water problems

3. About Deola.HAL

4. Upcoming Schedule



01. Company Profile



**Global distributor
(excluding Japan)**

Company Name: Japan Advanced Technology Center Co., Ltd.

Business Description: Manufacturing and sales of advanced technology products, import/export operations, and other activities

Business Locations: Head Office Sales Department (Nagoya, Aichi Prefecture)
Tokyo Sales Office (Minato Ward)

Established: September 2004

(manufacturer)

Company name : DePort.,Co.Ltd

Business content : We provide an integrated system for the development, design, production, sales, and maintenance of products utilizing the characteristics of ozone, as well as suction devices and air-sharing systems for dental clinics.

Establishment : June 2019

Business Locations : Main office (Nagoya city Aichi Pref.JAPAN)

Tokyo sales office (Funabashi city Chiba Pref.)

Osaka sales office (Hirakata city Osaka Pref.)

Fukuoka sales office (Fukuoka city Fukuoka Pref.)

Permission number : Halal certified factory 2406C323253250

Medical equipment manufacturing industry 23BZ200252

Type 2 medical device manufacturing and sales business 23B2X10047

Medical equipment repair business 23BS200481



02. Issues related to water problems

In modern society, the role of "water" is significant. When considering human life, daily living, and the economy, water-related issues are of the utmost importance.

"Water" is the most essential resource that supports human life both directly and indirectly.

Approximately 60% of the human body is made up of water, and securing safe water is directly linked to people's health and survival. To maintain a healthy life, it is essential to ensure safe drinking water, a stable supply of agricultural water, and measures for sewage management and water pollution control.

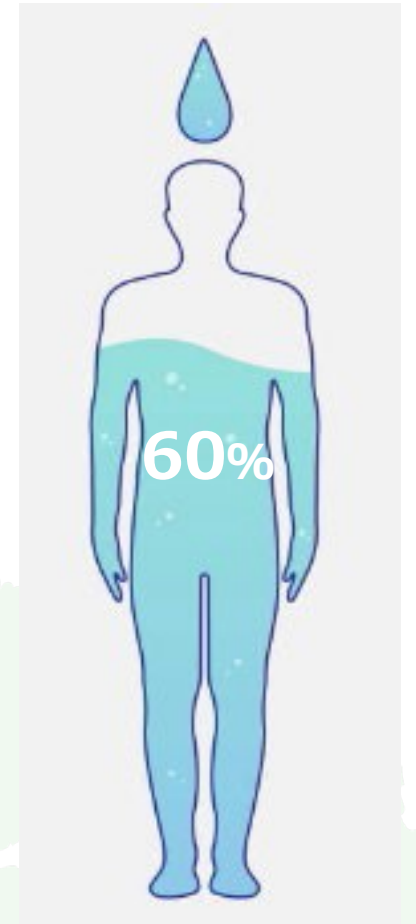
Additionally, flood control measures that can respond to sudden floods and typhoons are crucial for protecting lives and property, as well as for ensuring the stability of local communities.

"Climate change" is one of the most critical global environmental issues.

With global warming, we are witnessing an increasing frequency of floods and landslides caused by heavy rainfall from linear rainbands, as well as water shortages due to regional droughts. Water-related crises have become a common occurrence in the news.

This highlights the growing importance of **proper water resource management and climate change adaptation** to conserve water resources and improve flood control measures.

In light of this background, we will work to popularize our "air water intake" (a device that makes water from air), which we developed as a means to "secure and supply safe and secure drinking water," which is the minimum requirement in times of disasters and emergencies, so that it can be of use to everyone, and we will work to ensure that it can play a role as "water of life" in times of disasters and emergencies.



【 What an air water intake device can do 】

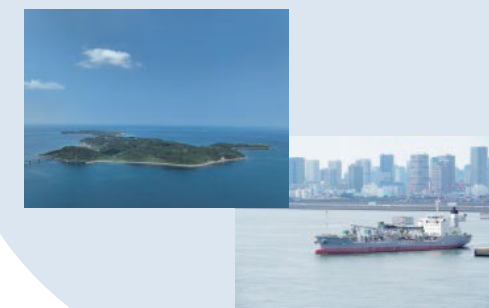
01 In times of disaster, etc., when it is difficult to secure safe water, earthquakes, etc.



02 Areas where it is difficult to secure water, such as agricultural land and residential areas



03 Islands, ships, mountain areas, etc. Water is essential but difficult to obtain

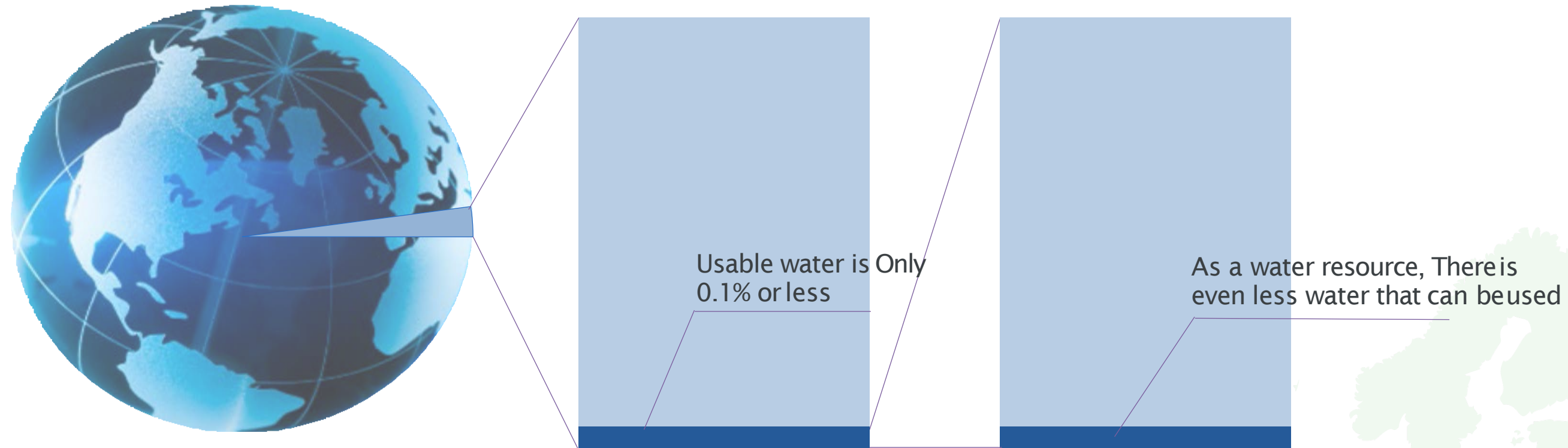




Securing sustainable water resources

Approximately 70% of the Earth's surface is covered with water, making it a planet rich in water resources. However, less than 0.1% of this water is actually available for drinking.

Most of this 0.1% of water comes from groundwater or recycled water that flows into rivers from rain or snow, and when you consider soil and water pollution, only a very small amount of water is actually being used as a resource.



Global warming is causing serious water problems all over the world. As a result, water-related problems are diverse, including localized heavy rains and localized severe droughts.

However, there is an equally large amount of unused water resource in the air - humidity - all over the world. We wanted to use this valuable, unused resource to create "water of the future" that can be used in a variety of situations.

Humidity, which we take for granted everywhere, should be treated as a valuable water resource, not only in countries that produce water resources. We hope to secure equal and safe water no matter where we are and solve water problems around the world.

Solutions for securing water resources

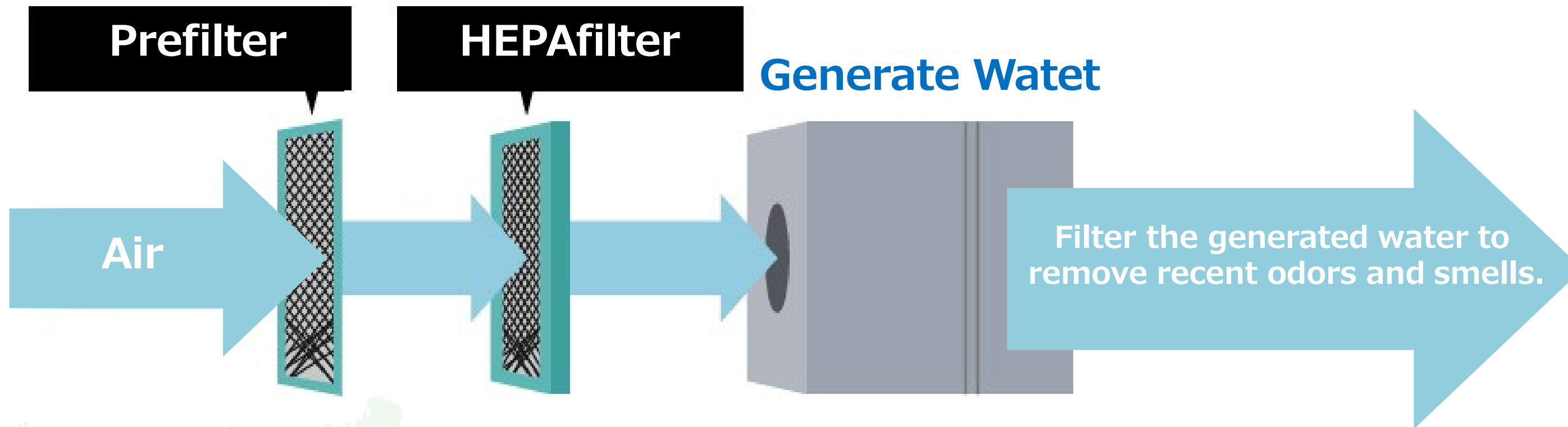
03.About Deola.HAL

Size/Capacity	H : 1,327mm/W : 342mm/D : 523mm about78kg
Water production capacity/Water storage capacity	10~15 ℓ (per day) /15 ℓ ※The amount of water produced varies depending on temperature and humidity.
Water temperature	Cold water : 4°C~8°C / Hot water : 80°C~90°C
Power supply	AC100 V AC50/60Hz
Power consumption	400W : During water production Min5W - Max800W (When using boiling water)
Ambient temperature	1°C~40°C



Features of Deola.HAL

① Deola.HAL generates water from air.



※Remove dust and fine particles from the air with each filter.
Inhale the clean air into the machine to generate water.



A Circle Without End

The only raw material is air.
The water that was used circulates and becomes air again, and from that air, water is created.



② Deola.HAL makes hot water and cold water.



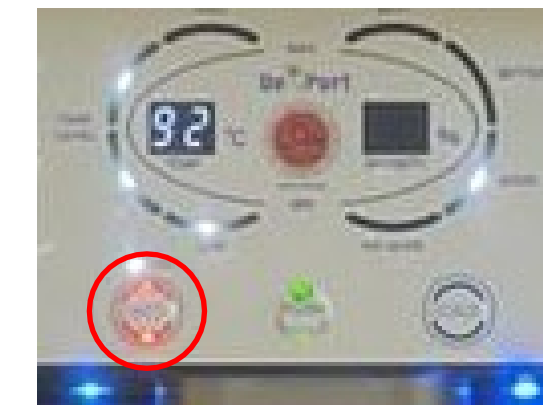
[Discharge cold water]



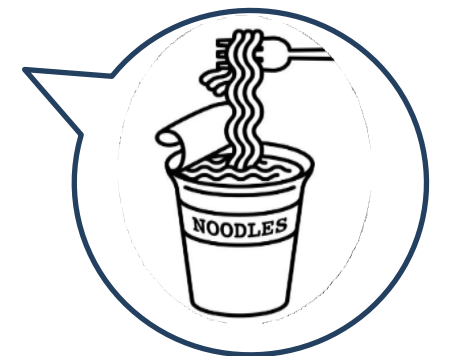
- Press the "Cold" button.
- The button glows blue.
- Press "Push" to eject.



[Discharge hot water]



- Press the "Hot" button.
- The button glows red.
- Press "Push" to eject.

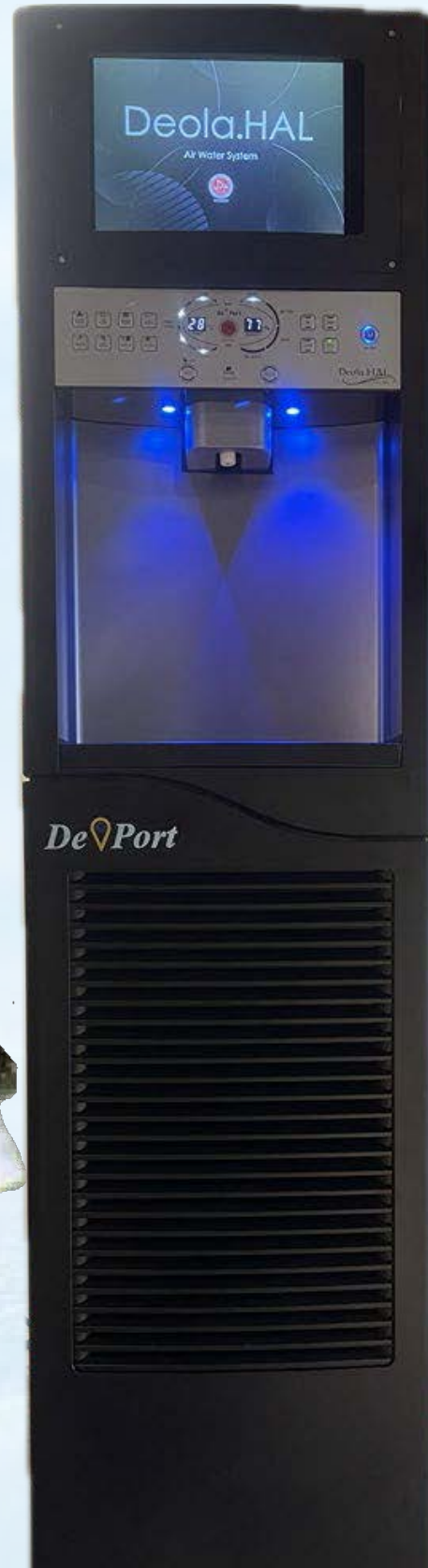


- 1. Whenever you need it, cold water and hot water come out just as much as you need.**
- 2. No need for ice or a kettle, so it's very convenient as it takes no time or effort.**
- 3. Using a my bottle can also reduce plastic bottle waste.**



It's a New Lifestyle

We are now in an era where we refill water in our my bottles and drink.



Spatial Sterilization by OZONE
J A T C Co., Ltd.



The Future of Water is in the Air.

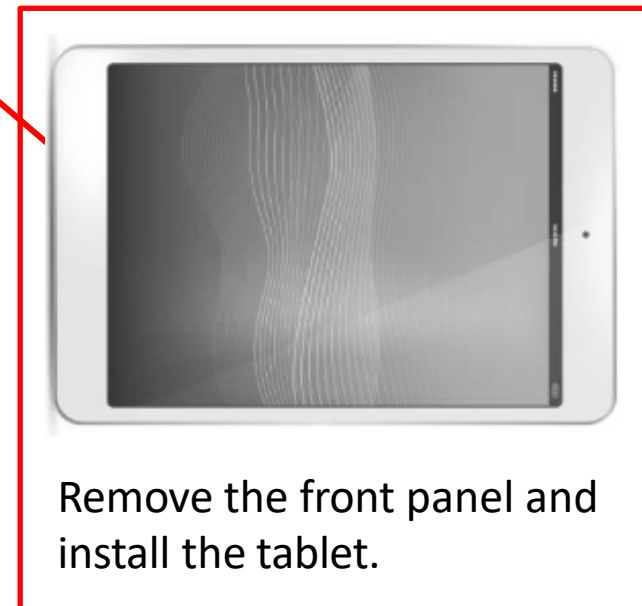
~A Smart Water Solution~



Features of Deola.HAL

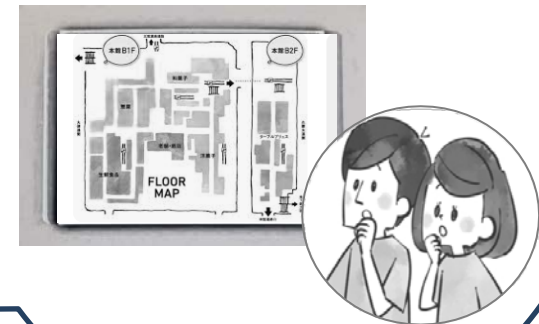
③ Use the front panel as a display.

If you change the front panel to a tablet device, it can be used for various purposes.



Remove the front panel and install the tablet.

Facility Guidance Video



Advertising and promotion of new products



Weather information



Recipe for cooking



[If you are using at the facility]

- Display of the facility floor map • Facility Guidance Video
- Advertising and promotion of new products

[For home use]

- Checking the weather every morning. • Checking the recipe • As background music for reading time

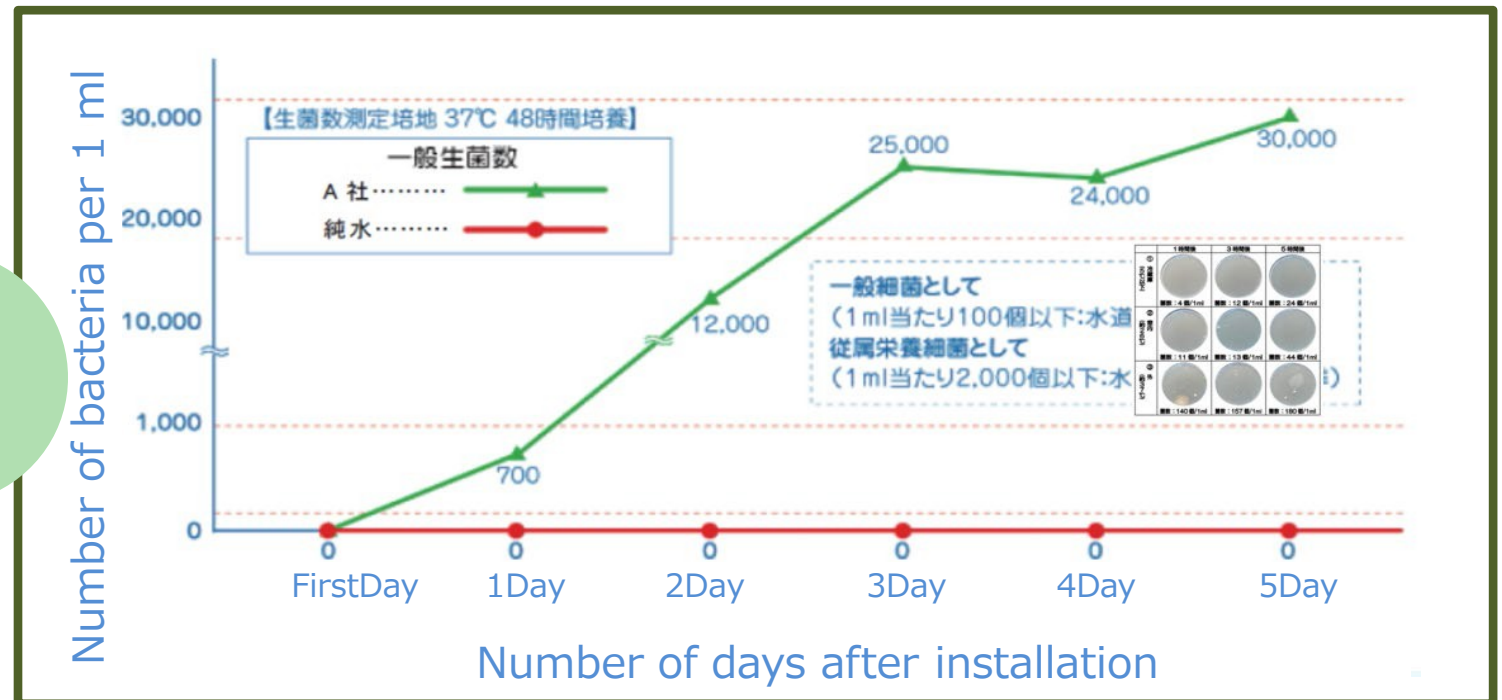
Degradation of water

01

The moment it is made, the water begins to deteriorate.

Ordinary water begins to corrode and deteriorate the moment it comes into contact with air.

01

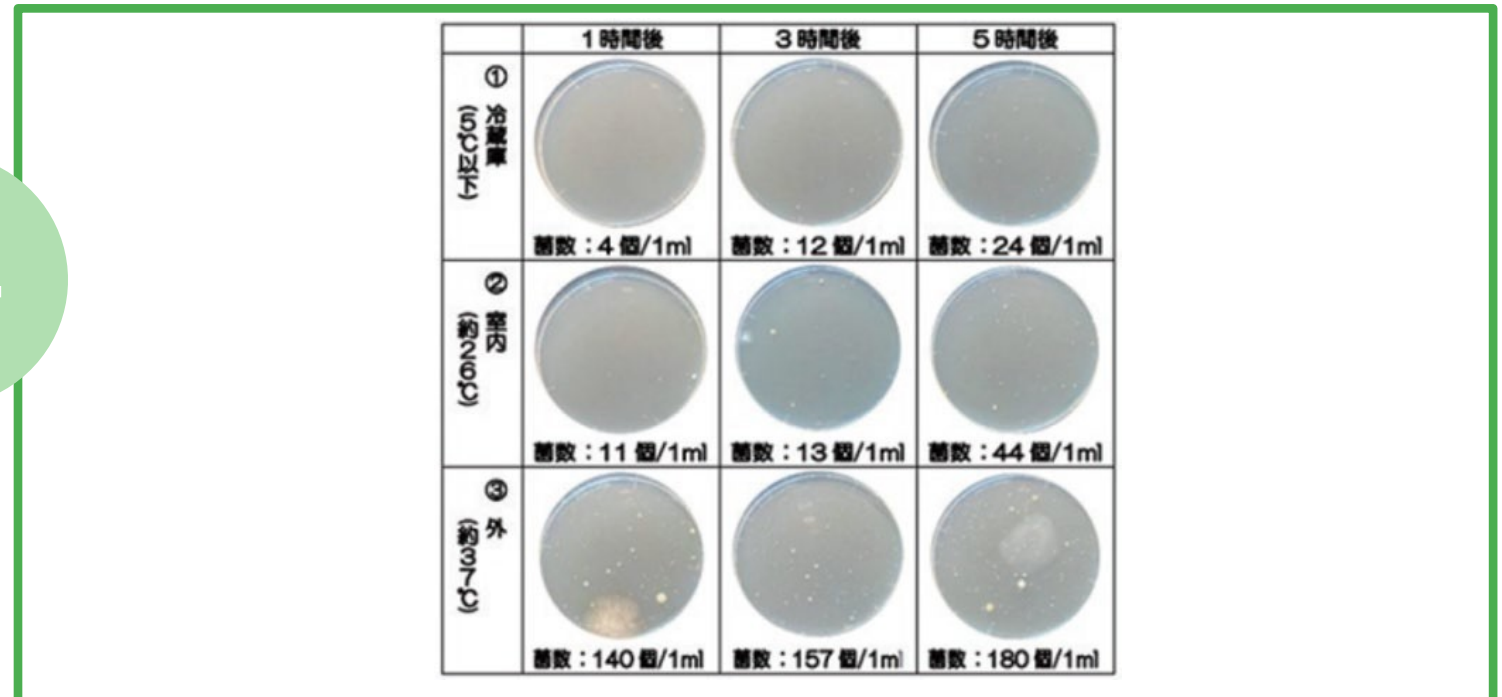


02

Changes in bacterial count due to temperature

Storage in high temperature places leads to more bacterial growth, but it can be observed that bacteria are also growing at a slower rate even at lower temperatures around 5°C.

02



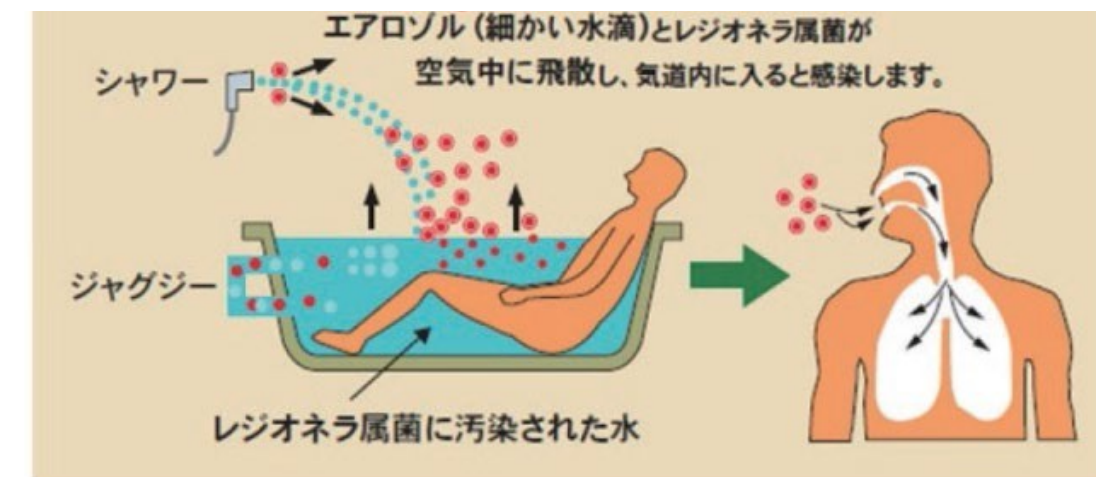
03

As water corruption progresses

The proliferation of bacteria contained in water can cause various human harm.

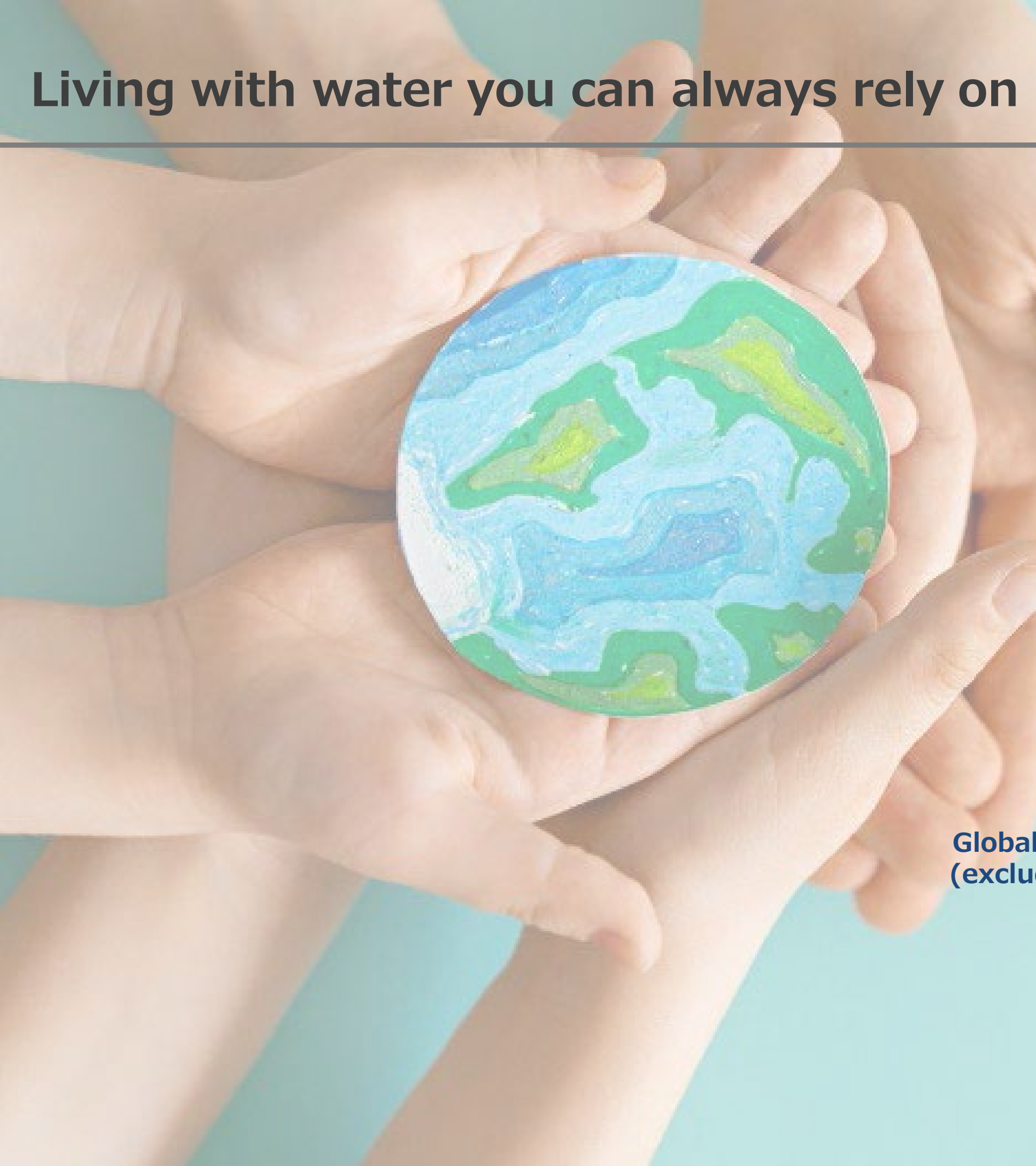
03

Dispersal of bacteria and air pollution through droplets of water in which bacteria have multiplied (aerosols)



"Water" other than "pure water" contains some bacteria, and the bacteria will grow depending on the temperature and the elapsed time. Even "drinking water" that has passed rigorous testing before being sold is recommended to be disposed of promptly after opening. You can see that it is very difficult to secure and maintain clean water.

Living with water you can always rely on



Water is a necessity in people's lives. However, the sanitary conditions vary depending on where they are born and the environment they are given. Even if hygiene is normally maintained, the sanitary environment can change in the event of a sudden disaster, for example. However, water is essential to people's lives and we need to get it every day.

From the resource of "air" that is given to all people Creating an equal resource of "water" that all people can feel secure in

Using this technique and technology, and resources that are equally available to everyone, we will create and give back safe and secure water.

**Global distributor
(excluding Japan)**



Japan Advanced Technology Center Co., Ltd.

Contact Information
Head Office Sales Department
Code: 467-0806
king Heights 2F, 1-23-2 Mizuho-dori, Mizuho-ku, Nagoya
TEL : 052-841-0440 Mail : info@jatc.tech