

## Global Water Crisis

More than 1 billion people have no access to clean water.

Solutions to the world's water shortage by providing water from the air.  
Create your own drinking water from the moisture in the air.  
No plastic water bottle waste. No more shipping, lifting or storing large water containers.



Transform air humidity into the clean & pure drinking water

Clean & Pure Water Always Available to SERVE

Air-Aqua Water Generator applies "Nano Grade Air Purifier Filter" to purify the air humidity and condense to the clear water and going through Y.S. TECH's "Ultra-filtration Water Purifying Technology" to make the purified clear water even cleaner and purer ever.

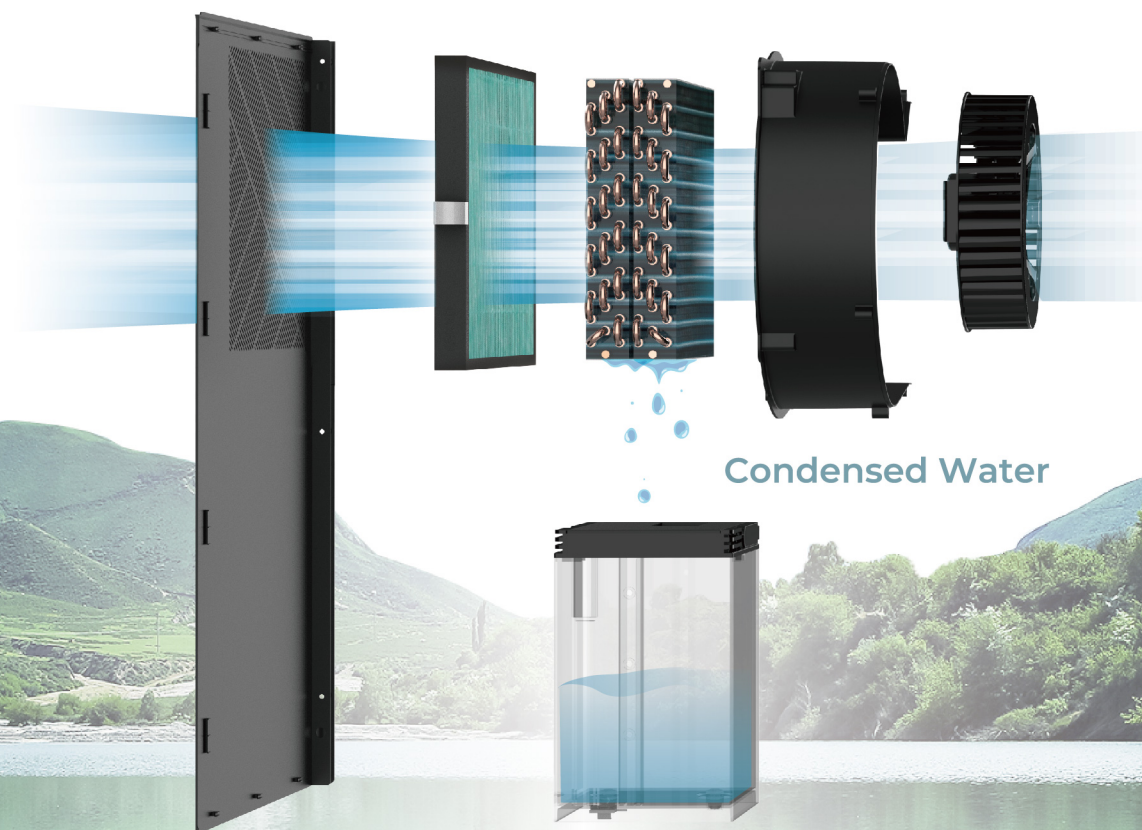
Further, the "Internal Circulating Water System" ensures the purified water to be stored in a "biofilm, algae & germ free" condition for always available to serve your need.



## Water Purification

Four stage filtration :  
KDF + CTO + UF + GAC

- 1. Kinetic Degradation Fluxion-Ag+ Filter**  
Primarily filters water and removes remaining magnesium ions, heavy metals, and total dissolved solids.
- 2. Solid Activated Carbon Filter**  
Filters out organic compounds (such as formaldehyde), environmental hormones, and unpleasant odors while preventing bacterial growth.
- 3. UF Membrane Filter**  
Effectively filters out impurities, particles, organic substances, residual bacteria, algae, and restrain bacterial growth.
- 4. Activated Carbon Filter**  
Release mineral ions, eliminate unpleasant odors, and enhance taste for a better flavor.



## Air Purification



## Air-Aqua Water Generator

- Stainless steel internal structure and plastic injection molding machine
- Top water tank : 7L, Bottom water tank : 5L
- Water production capacity : 16 liter per / day (Under 27°C / RH60% condition)
- Detachable water tank
- Internal circulating water system
- Four stage water filtration system
- Clean air filtration system (HEPA)
- Add an infrared sensor to prevent accidentally pressing the door switch



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## Q&A

**Q:** What is the best situation for the water generator and how much can it make per day?

**A:** The production capacity of the water generator depends on the ambient temperature / humidity, as shown in the following table.

Under 30°C / RH90% condition, water produced 31.6(L) in one day

Humid(%)	40	50	60	70	80	90
Water produced (L)	6.7	12.4	17.7	22.5	27.2	31.6

Under 27°C / RH90% condition, water produced 29.3(L) in one day

Humid(%)	40	50	60	70	80	90
Water produced (L)	5.7	10.8	16.4	21.1	25.5	29.3

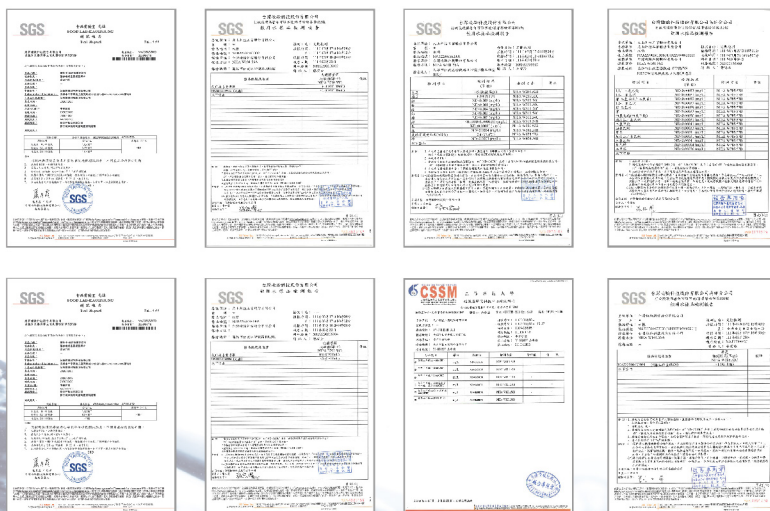
Under 19°C / RH90% condition, water produced 22.2(L) in one day

Humid(%)	40	50	60	70	80	90
Water produced (L)	5.2	6.6	10.5	14.7	18.6	22.2

## Details of the Operating Volume

- High-speed operating volume : 43.5 dB.  
Low-speed operating volume : 38.9 dB.
- Sleep mode :
  - When the fan is activated at low speed, it provides air purification and water output functions, with an operating noise level of around 30 dB.
  - The machine is capable of producing water when both the fan and compressor are not in operation.

## The Safety Result from the Lab Test



## Suitable Areas



Remote Location    Government&Military    Home



Emergency Relief    Islands    Hospital

## Product Specifications

Model	YS-8503CW
Rated voltage	110V, 60HZ
Total power consumption	720W
Heating power consumption	400W
Cooling power consumption	285W
Water production capacity	16L / D (27°C / RH60%)
Water output	1, 100C.C./min
Ice tank capacity	2L
Warm tank capacity	2L
Hot tank capacity	3L
Total potable water capacity	7L
Ice water temperature	6~12°C
Warm water temperature	25~50°C
Hot water temperature	>91°C
Refrigerant	R-134a
Dimensions(mm)	H293 x W295 x D520mm
Weight	43kg
Color	● Black    ○ White

## Air-Aqua Water Generator

