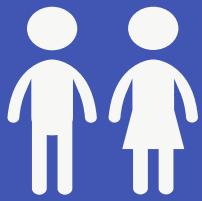


A young girl with dark hair, wearing a white t-shirt, is laughing joyfully while playing in the rain. She has her hands raised, catching water droplets. The background is a warm, golden light with bokeh effects, suggesting a sunset or sunrise. The overall mood is happy and carefree.

Water from air  
for a  
better world

# There are...



1.7 million  
children

under the age of five  
die every year  
because of illness  
due to shortage of  
clean drinking water



80% of  
diseases

are caused by poor  
water sanitation



~ 2.0 billion  
people

around the world  
use a source of  
drinking water  
contaminated with  
feces, putting them  
at risk of  
contracting cholera,  
dysentery, typhoid,  
and polio



50% of the  
world's  
population

will be living in  
water-stressed  
areas by 2025



Million  
plastic  
bottles per  
minute

91% of which are not  
recycled

The solution:



A new source  
of drinking  
water

Watergen extracts clean  
drinking water directly from  
the humidity in the  
atmosphere



# About Watergen



# Watergen at a Glance



A pioneering and innovative water-from-air technology



Founded in 2009



Patented technology  
The world's most energy-efficient Atmospheric water generator



Worldwide footprint:  
Clients & partnerships including: U.S.A, India, Brazil, Mexico, Australia, Vietnam, Thailand, the Philippines, CIS countries, African countries, and China



Multidisciplinary R&D team



Manufacturing facilities in 3 continents

# Awards



Watergen was selected as a CES 2020 Innovation Awards Honoree in the sustainability, eco-design & smart energy category



*(CES Consumer Technology Association)*



Good Housekeeping CES 2020 Editor's pick



*(Good Housekeeping)*



Watergen won the Smart Home Division Mark of Excellence



*(CES Consumer Technology Association)*



Watergen was named as one of The Best Innovation in 2019 by TIME Magazine



*(Time Magazine)*

# Awards



Watergen was selected as a CES 2019 Innovation Awards BEST OF INNOVATION Honoree in the Tech For A Better World product category



(CES, Consumer Technology Association)



2018:  
World Economic  
Forum Technology  
Pioneer



(World Economic Forum)



Watergen was chosen as one of the World's 50 Most Innovative Companies



(Fast Company Magazine)



Watergen won the Technology Innovation Leadership award



(Frost & Sullivan)

# International media coverage (partial list)



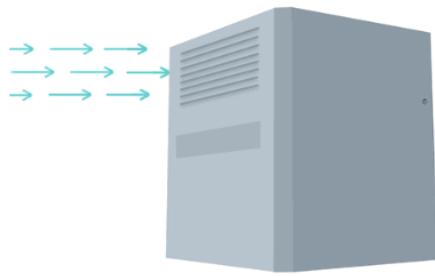
And much  
more...



# Watergen Technology

# Watergen technology - Step by step

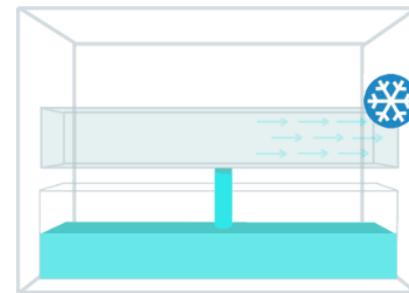
Step 1



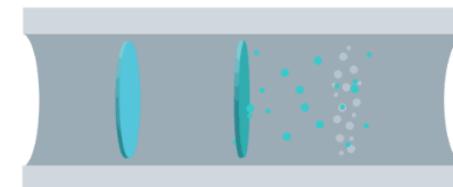
Step 2



Step 3



Step 4



Step 5



Watergen's built-in blower draws the air from the atmosphere into the atmospheric water generator

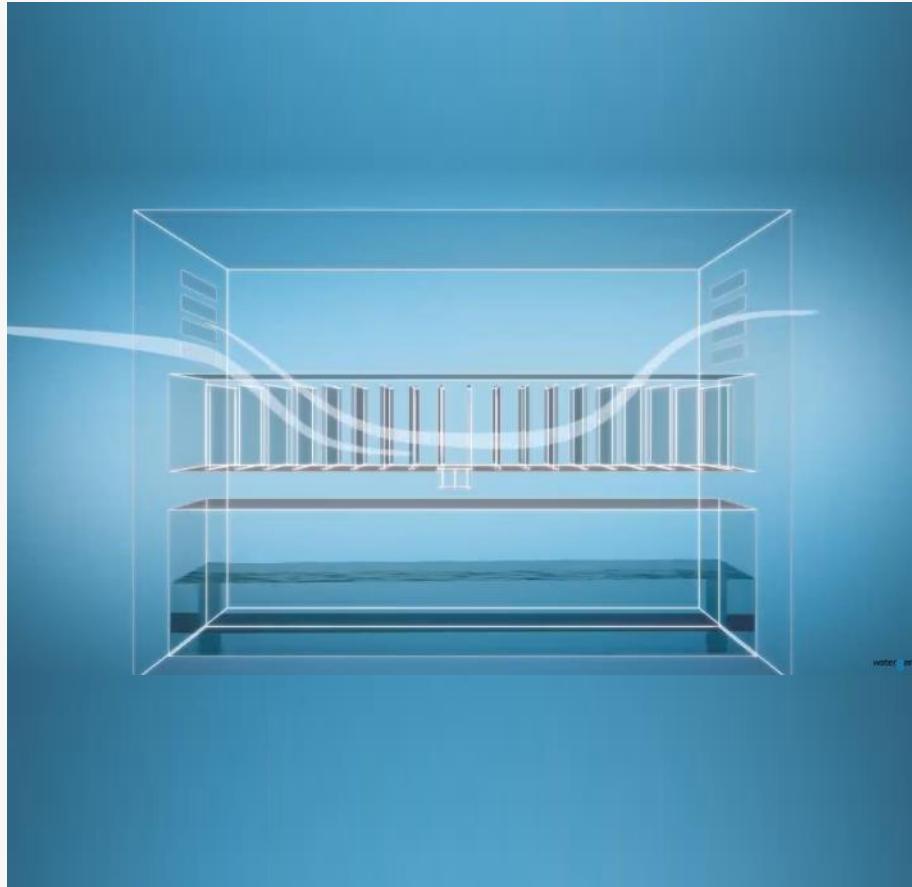
Once within the unit, an internal air filter removes dust and dirt from the air, leaving it pure and clean

The air is then directed through the GENius TM heat exchange and cooling process, and condensed into water

The water is filtered to remove impurities and minerals are added, to give drinking-quality water

The water is stored in a built-in reservoir, where it is continuously circulated to keep it fresh, tasty and healthy

# Watergen re-invented the heat exchanger



- GENius – the world's most energy-efficient atmospheric water generator (AWG) module of its kind
- Unique patented design and non-conductive structure, making water from air a true economic reality for the first time
- Advanced algorithm allows Watergen to operate in the widest range of atmospheric conditions
- Using only food-grade materials

# Watergen technology – Advantages



5 times more  
water per kWh



Environmentally  
friendly



Plug & drink  
solution



Premium-quality  
drinking water



Scalable  
structure



Can operate using  
alternative energy sources

# Watergen – Technology for a better world

## Saving lives

Almost 3 ½ million people die every year because of water scarcity and hygiene-related causes- Watergen can change it!



## Improving health

Watergen prevents diseases related to contamination of water resources or aged and corrupted infrastructure (water pipes)

## Helping the environment

Using Watergen's technology reduce plastic and save water transport

## Improving children's lives and education

Children are often responsible for collecting water for their families. This takes time away from school and play. Access to safe water and sanitation will change this

## Create Economic Growth

Access to safe water at home gives families more time to pursue education and work opportunities, reduces health expenses and helps breaking the cycle of poverty

# Our Products – Quick Overview

## Watergen GEN-L



5,000 liters /  
1,321 gallons  
(per day)

Perfect for villages,  
Off-grid settlements and factories. Units can  
be integrated into AWS farms.

[Read more ▶](#)

## Watergen GEN-M ERV



800 liters /  
211 gallons  
(per day)

Customized heavy-duty truck equipped with  
Watergen's GEN-M, providing clean drinking  
water to people in emergency situations

[Read more ▶](#)

## Watergen GEN-M



800 liters/211 gallons  
(per day)

Give your school, hospital, commercial center  
or residential building its very own on-site  
renewable water source.

[Read more ▶](#)

## Watergen Automotive Solutions



30 liter/7.9 gallons  
(per day)

Integrated water generation technology in  
private and public transportation

[Read more ▶](#)

## Watergen GENNY



30 liters / 7.9 gallons  
(per day)

Fresh, cool water on tap. No plumbing, refills  
or infrastructure required – simply plug in  
GENNY in your home or office and start  
drinking.

[Read more ▶](#)

## GEN-M Mobile Water Trailer



800 liters /  
211 gallons  
(per day)

MWT is a customized heavy-duty trailer  
outfitted with our GEN-M Atmospheric Water  
Generator

[Read more ▶](#)

# GENNY

Home and office appliance –  
fresh and healthy water on tap.  
No plumbing, refills or  
infrastructure required



Water generation capacity:  
Up to 30 liter/day



Integrated dispenser:  
Cold and hot water



Internal water tank:  
27 liter



Water purification technology:  
Sediment filtration,  
mineralization, activated  
carbon, microbiological  
treatment



Air Filtration:  
Multimedia air filtration  
cascade



Power:  
110/220 VAC, 60/50Hz



Power consumption: 0.5 kW  
(During water boiling: 1.8 kW)



Dimensions (LxWxH):  
53cm x 42cm x 130cm



Weight: 80kg

# Watergen GEN-L

Industrial renewable source of drinking water for cities villages, factories, and areas where clean water is not available or inaccessible



Water generation capacity:  
Up to 5,000 liter/day



Water purification technology:  
Sediment filtration,  
mineralization, activated  
carbon, microbiological  
treatment



Air Filtration:  
Multimedia air filtration  
cascade



Power:  
3 phase 380V / 50Hz



Power consumption:  
~60kW/h



Dimensions (LxWxH):  
3.00m x 2.80m x 2.38m



Weight: 2630kg

# Watergen GEN-M

Highly mobile Medium scale water generator for schools, hospitals, commercial centers and residential buildings



Water generation capacity:  
Up to 800 liter/day



Integrated dispenser:  
Cold and ambient water



Internal water tank:  
200 liter



Water purification technology:  
Sediment filtration,  
mineralization, activated  
carbon, microbiological  
treatment



Air Filtration:  
Multimedia air filtration  
cascade



Power:  
208 / 400 VAC, 3-phase, 60 / 50  
Hz



Power consumption:  
~5.6kW/h



Dimensions (LxWxH):  
1.40m x 1.40m x 1.58m



Weight: 780kg

# GEN-M ERV (Emergency relief vehicle)

Customized heavy-duty track equipped with Watergen's GEN-M\*, providing clean drinking water to people in emergency situations



Fast and easy deployment in most weather conditions



Perfect for remote areas and difficult to access locations



Ideal for long term sustainable water generation throughout all phases of emergency and crisis response



Storage for emergency medical supplies and provisions



Installed DC Outlets with battery charging capacity for communication devices



Caterpillar 18KVA Diesel Generator



Available add-ons:  
1000-1500L water reservoir;  
500L fuel tank for week long operation; Emergency Lighting; Custom logo or paint, WiFi

# GEN-M Mobile Water Trailer (MWT)

MWT is a customized heavy-duty trailer outfitted with our GEN-M Atmospheric Water Generator



Water generation capacity  
Up to 800 liters/211 gallons a day in ideal condition



Dispenses water in areas both with and without an operating electric grid



Produces water in areas with no potable water source



Fast and easy deployment in most weather conditions, remote areas and difficult to access locations



Integrated dispenser:  
Cold and ambient water



Indoor and outdoor usage



Highly mobile

# Automotive Solutions

Integrated water generation technology in vehicles providing the driver and passengers with instant drinking water from air



 [Automotive Solutions Movie](#)



Water generation capacity up to 30 liter/7.9 gallons per day



Customized built-in water tank per demand



Water purification technology: Sediment filtration, mineralization, activated carbon, microbiological treatment

**Technical Water**  
An integrated technical water solution for use in washing sensors and cameras and other Water Injection technologies



**Watergen To-Go**  
An add-on drinking water system for the that can be equipped on any caravan, trucks, recreation and leisure vehicles with clean drinking water



◀Back

# Applications

# Full water supply / Backup water supply

Watergen provides an alternative and continuous source of drinking water supply to places where water is not available or contaminated



Schools/Universities



Hospitals



Commercial centers



Mines



Rural villages



Residential buildings



Offshore



City centers

# Water dispenser - GENNY

Perfect solution for fresh and healthy drinking water.

Cost effective and environmentally friendly alternative to bottled water



Home



Office



Restaurants / hotels

# Transportation

Integrated atmospheric water generator in a vehicle

Providing the driver and passengers with cool and fresh water on-the-go.



Private cars



Trucks



Public transportation



Trains



How does Watergen's automotive AWG works?

# Water supply on demand

Watergen provides an ideal solution for short or long term sustainable water generation, whenever and wherever it is needed



Army camps



Natural disasters



Events

A close-up, slightly blurred photograph of a young girl with blonde hair, looking down at a toy airplane she is holding. The image has a blue-toned overlay.

# Case studies

# Uzbekistan, May. 2019

Watergen provides water from air to an Orphanage in Bukhara



- Uzbekistan is a country in desperate need of a secure water supply as it is "double landlocked," and Bukhara in particular has recently been experiencing serious water shortage
- Kyrgyzstan and Tajikstan have, in recent years, insisted on making hydro-power dams at the headwaters for the two main rivers bringing freshwater supply into Uzbekistan, Amu Darya and Syr Darya. The dams undermined Uzbekistan's ability to use both rivers as sources for freshwater
- Watergen provides clean fresh drinking water created from the GEN-350 AWG to hundreds of children and staff living in an orphanage in Uzbekistan's city of Bukhara.

# Chile, April 2019

Watergen provides water from air to the school in Chile



- About 30% of the water extracted in Chile is underutilized and many sources are polluted and unusable
- The country's economy is largely based on mines that require a considerable amount of water for their operation. The water is first pumped to the mines where it is used and polluted, and the contaminated water is then distributed to the rest of Chile.
- Watergen installed its medium scale AWG , the GEN-350 in an elementary school in Curepto, Chile.

# Sierra Leone, Mar. 2019

Watergen provides water from air to a girls school in Sierra Leone, West Africa



- The average life expectancy for a Sierra Leonean is only 56 years. One of the lowest in the world. Infections and parasites, most found in contaminated water, is the largest cause of death in Sierra Leone
- Almost half of the population is not using a regulated water source for drinking. Most of the unsafe drinking sources are freestanding water, such as ponds, and unregulated wells
- A GEN-350 was placed in St. Joseph's girls school in Freeport, providing school girls and staff with safe-drinking water.

# Ly Thai To City Square, Hanoi, Vietnam, Nov. 2018

Watergen provided a fundamental lifeline of drinking water to the people of Hanoi



- Only 39% of the rural population in Vietnam has access to safe water and sanitation
- In the Northern region of Vietnam around Hanoi, there is evidence of arsenic contamination in the drinking water
- Almost 80% of the diseases in Vietnam are caused by polluted water
- Watergen has donated a GEN-350 to the city of Hanoi

# Humanitarian and Disaster Relief Aid, USA, 2017-2018

Watergen worked with the Red Cross and FEMA to provide vital relief to communities hit by hurricanes Harvey, Irma, and Michael



- 2017-2018 has been marked by hurricanes of record ferocity, damage and death tolls in the thousands
- Hurricanes aftermath: Hundreds of thousands of people are left without drinking water after floods disable the water systems.
- Hurricane aftermath: Whether water supplies are destroyed by high winds or overrun by contaminants, a compromised water supply is a matter of life and death
- Watergen is continuously working with the American Red Cross and FEMA in the US and sent Large Scale and Gen-350 machines to assist people by providing clean and safe drinking water in the aftermath of Hurricanes Harvey, Irma and Michael

# Humanitarian and disaster relief aid, Kerala India, 2018

After Devastation From Monsoons Watergen Provides Water From The Air in, Kerala India



- Floods in the southern Indian state of Kerala killed more than 410 people in the worst flooding in 100 years
- More than 1 million people were left homeless in the 3,200 emergency relief camps set up in the area
- Maintaining sanitation and preventing disease in relief camps housing more than 800,000 people was a significant challenge
- Two GEN-350 units were installed in Alappuzha and Pathanamthitta districts of Kerala by Watergen and TATA Trusts.

# Connaught Place, New Delhi, India, Aug. 2017

One month pilot – providing fresh drinking water to ~2,000 people every day



- There is not a single Indian city that can provide potable water from its taps
- India is at the top of the list of countries with the worst access to clean water close to homes
- 40% of the India's city water is lost due to pipe leaks and thefts via unauthorized connections
- Watergen provided water to tens of thousands of people in New Delhi, and presented Prime Minister Modi with a detailed work-plan that can solve the water crisis in India in a very short period



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