



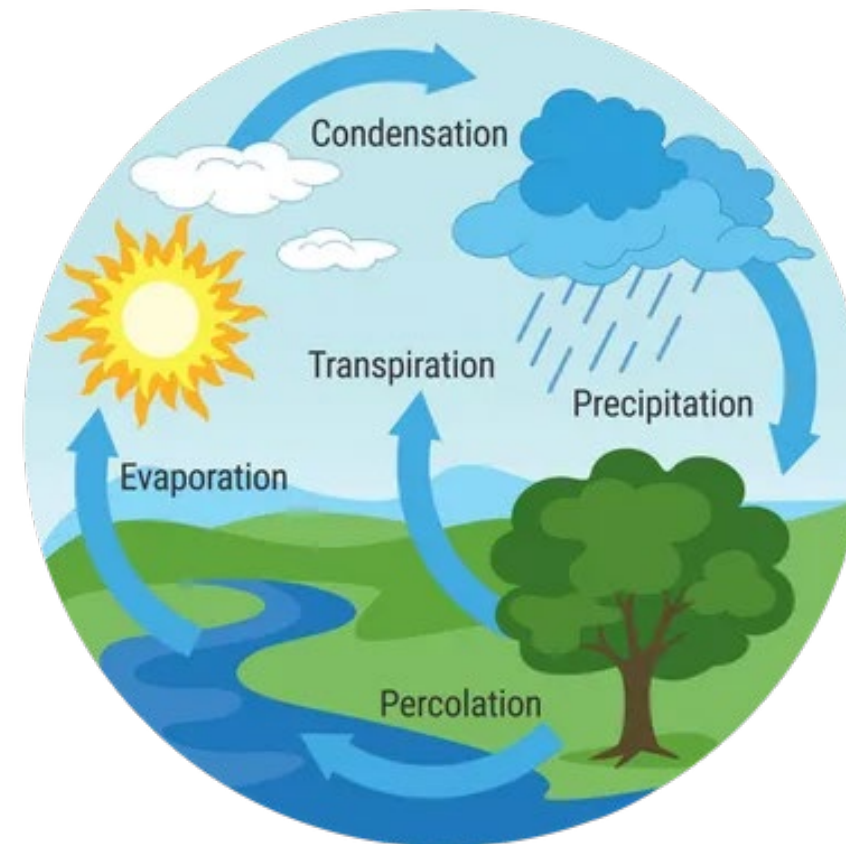
# Harvesting the Future of Water Overview

October 1, 2024

# AWG Technology

## Harvesting Sustainable Atmospheric Water

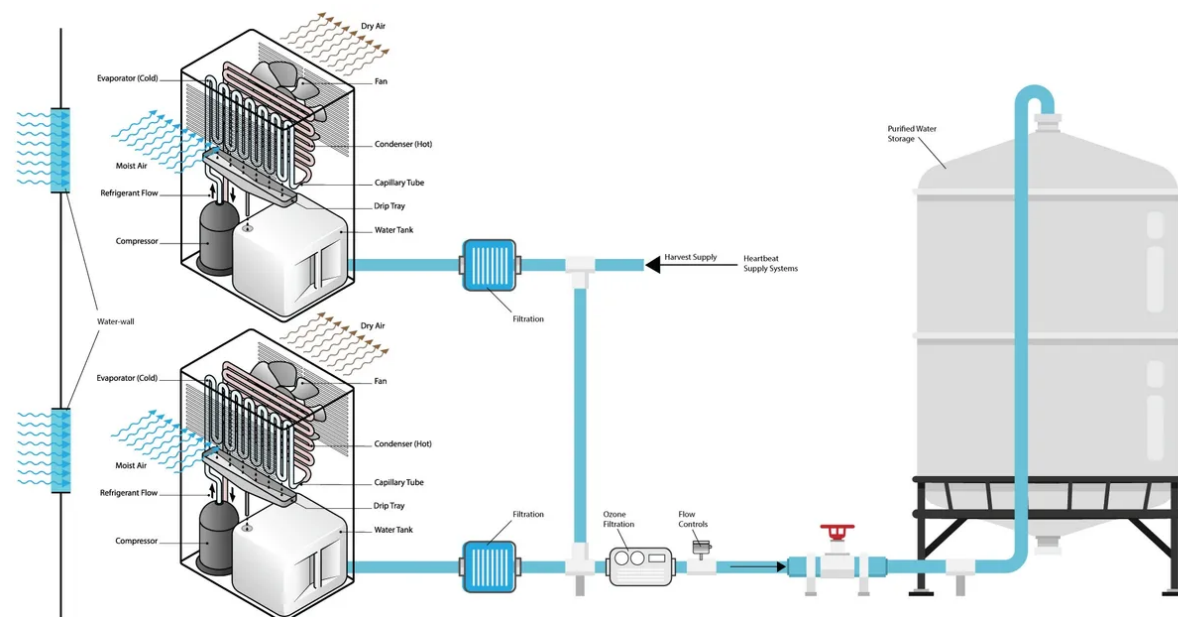
- **Innovation:** We have developed proprietary, high-volume, sustainable, atmospheric water harvesting solutions to support the water supply and irrigation needs of countries around the globe.
  - **Impact:** Our harvesting technologies can deliver life-altering water supply in some of the most drought-stricken areas faced with a water crisis and locations where rainwater harvesting is less than sustainable.
  - **Efficiency:** Our hydrological water cycle technology produces water at a rate requiring up to 95% less energy than alternative water desalination equipment technologies.
  - **Sustainable:** The sustainability of Atmospheric Water Generation (AWG) lies in its ability to provide a reliable and eco-friendly solution to global water scarcity. By extracting moisture from the air and transforming it into clean, potable water, AWG reduces reliance on traditional water sources, often overexploited or contaminated. This innovative technology operates with minimal environmental impact, particularly when powered by renewable energy.
- **We are the true rainmakers!**



# About Us

## Visionary Inventors Driving Unmatched Success

- **Disruptive Innovation:** We are groundbreaking innovators in Atmospheric Water Generation (AWG), engineering cutting-edge technology that transforms atmospheric moisture into safe, potable water. This revolutionary approach tackles the escalating global water crisis, where over 2 billion people lack access to clean drinking water and billions more face water sources tainted by pollution and waste. As fresh groundwater resources dwindle alarmingly, AWG provides a sustainable and scalable solution to secure safe drinking water for communities worldwide.
- **Accomplished:** With a proven track record of innovation, our AQP invention team proudly holds over 240 global patents and more than 120 U.S. patents, demonstrating unmatched expertise and leadership in groundbreaking technologies.
- **Unmatched:** Our high-volume water extraction systems deliver unmatched performance, producing the highest water yields ever achieved in the industry. Engineered with cutting-edge technology and precision, these systems set a new standard for efficiency and scalability in water production. Designed to meet the growing global demand for clean water, our solutions are revolutionizing how water is sourced, providing a reliable and sustainable option where traditional methods fall short. This unparalleled capability underscores our leadership and commitment to addressing the world's critical water challenges.



# Our Mission

## Sustainable, Economically Viable Water Cycle Solutions

- Our mission is to deliver economically viable and sustainable solutions to tackle the global water crisis. We aim to lead the way in this rapidly growing sector by harnessing the Earth's atmosphere to produce clean water, driving innovation, expanding market share, and achieving profitability. Through scalable and impactful technologies, we are committed to shaping a future where water scarcity is no longer a global challenge.
- We seek to revolutionize water desalination by replacing outdated thermal and membrane processes with our groundbreaking Indirect Desalination™ technology, delivering innovative, efficient, and sustainable solutions for a water-secure future.
- We will continue to combat global water and food scarcity by creating and implementing innovative, sustainable water solutions that drive lasting social, economic, and environmental transformation on a global scale.





# Our Value Proposition

## The 21st century's sustainable water supply is available in abundance in our atmosphere, everywhere.

- **Cost-Effective:** Delivers a high-yield water solution with reduced operational expenses compared to traditional water sourcing methods.
- **Innovative:** Harnesses cutting-edge technology to produce clean water directly from the atmosphere, addressing global water scarcity.
- **Sustainable:** Provides an eco-friendly solution by reducing reliance on dwindling groundwater and traditional water sources.
- **Scalable:** Designed for diverse residential and industrial applications, meeting the needs of communities and businesses worldwide.
- **Reliable:** Delivers a consistent and safe water supply, regardless of environmental or geographical challenges.

**At 191,000 liters daily, our Max Harvest™ systems produce enough water for high-speed bottling, municipal, mining, and commercial ice production.**

# Our AQV Team



## Sustainable Water Supply is in Our Atmosphere

- **Revolutionary:** Proprietary technologies harvest water from the atmosphere to address global needs in water production, fog remediation, indirect desalination™, and water security.
- **Expertise:** A team of brilliant inventors specializing in filtration, system technology, electrical engineering, fluid dynamics, high-volume manufacturing, and systems design.
- **Proven:** Engineers collectively hold over 240 worldwide patents, showcasing unparalleled innovation and leadership.
- **Ambitious:** Poised to secure an additional 90–140 patents in aqua harvesting, indirect desalination, and direct air capture, solidifying AQV's industry dominance.

# The Problem

## **The Challenge**

### **A Global Water Crisis of Epic Proportions**

# The Global Water Crisis

## Today, 771 Million People Lack Access to Safe Water

- Water is essential to life, yet 771 million people in the world; 1 in 10 - lack access to it. According to a report by the World Economic Forum, the water crisis is the #5 global risk in terms of impact on society.
- What countries are running out of water? There are 22 countries listed in the category of suffering from extremely high baseline water stress – Egypt, Qatar, Israel, Lebanon, Jordan, Libya, Kuwait, Saudi Arabia, Eritrea, United Arab Emirates, San Marino, Bahrain, Mexico, Brazil, India, Pakistan, Turkmenistan, South Africa, Oman and Botswana.
- The water trade is estimated to be among the top 5 most lucrative global businesses by 2030.





# Running Out of Water

## Major Countries Running Out of Water in the Next Few Years

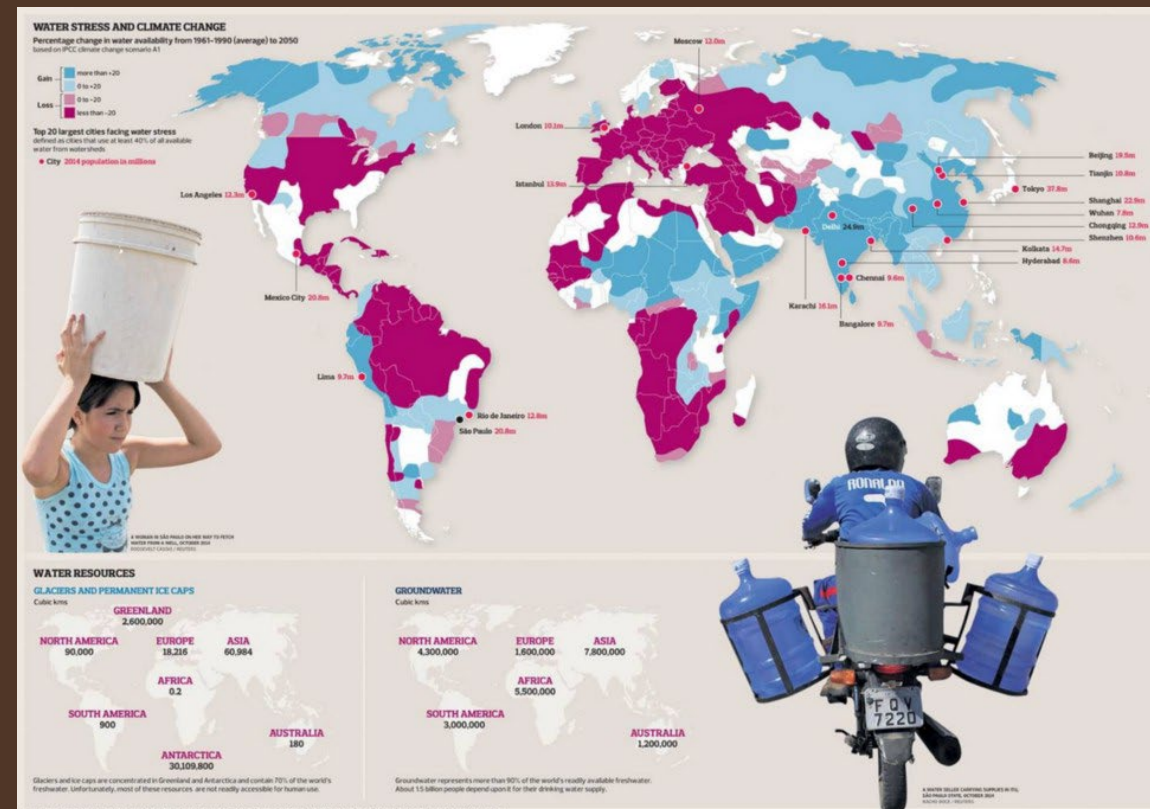
- **South Africa** expects 'Day Zero' when taps will be switched off in homes, and residents must go to collection points for rationed water. The United Nations World Water Development Report warned that the global demand for freshwater would exceed supply by 40% in 2030.
- **Mexico City's** 21 million residents already experience limited access to drinking water today. Many only have running water for a portion of the day, while one in five get just a few hours from their water taps weekly.
- **Brazil's** financial capital went through similar water crises in Cape Town since 2015 when its main reservoir fell below 4% capacity. Emergency water trucks were looted during the crisis, and the taps in many homes were cut to just a few hours twice a week.



# Running Out of Water

## Major Countries Running Out of Water in the Next Few Years (Cont.)

- **Egypt** - 97% of Egypt's water comes from the Nile River but is increasingly becoming contaminated with untreated agricultural and residential waste. The UN estimates critical water shortages in Egypt by 2025.
- **India** - South India's water and sewer systems have struggled to keep up with a population boom and new property developments since Bangalore's rise as a technological hub. The city loses more than half its drinking water due to its antiquated plumbing system.
- **The United Arab Emirates** is one of the world's greatest consumers of water, with consumption over 50% greater than the world average. The UAE seeks to implement water security strategies to meet the crisis by 2030.



# The Solution

## **Breaking Barriers**

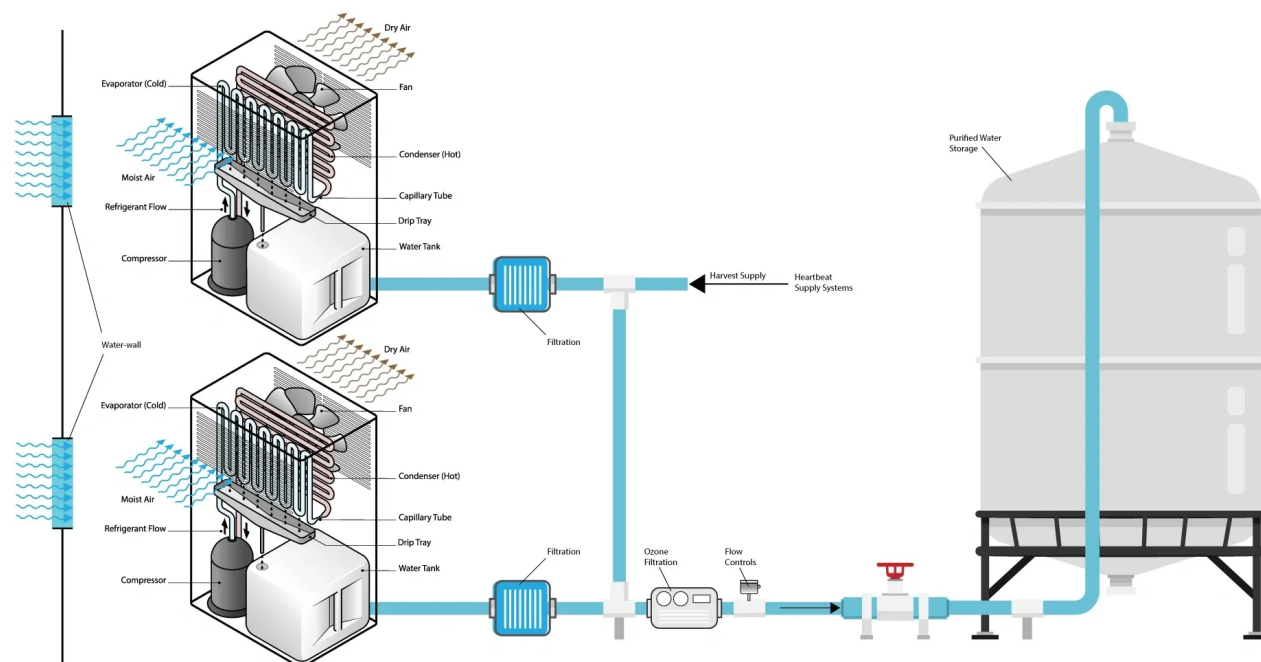
**AWG Solutions for a Water-Secure World**



# The Solution – AWG Water

## Atmospheric Harvesting – Water from the Air!

- **Capture:** High volumes of water vapor are efficiently drawn from the air into our advanced collection systems.
- **Purify:** Our proprietary water-wall technology ensures vapor is purified at collection.
- **Innovate:** Vapor is extracted using our groundbreaking heartbeat extraction method for optimal efficiency.
- **Refine:** Collected water undergoes a rigorous seven-stage purification process, achieving 99.9% potable water standards.
- **Serve:** AWG systems provide reliable water solutions for marine, military, mining, irrigation, municipal, bottling, and private supply needs.





# The Water Cycle

## Sustainable Water Supply is in Our Atmosphere

- Water is drawn into the atmosphere daily in a cyclic closed-loop system called the hydrologic cycle. Our harvested water source is the endless supply of water trapped in the atmosphere and replenished daily.

The sun is the powerful driving force behind this natural phenomenon. Natural water evaporation maintains equilibrium between the Earth's surface and the oceans on one hand and the air above it on the other.

### THE WATER CYCLE



# The Solution – Max Harvest™

## Proprietary Design, Racking, Controls, Filtration, & Extraction Systems!

- **Advanced:** Unlike inferior atmospheric water generation systems, our technology deploys high-capacity extractors managed by our proprietary heartbeat control logic for optimized water vapor extraction.
- **Scalable:** Each Max Harvest 50000 system can harvest up to 50,000 gallons of water daily, and units can be combined to produce thousands of cubic meters of water per day.
- **Powerful:** Max Harvest™ systems generate 189,000 liters (50,000 gallons) of water daily, supporting high-speed bottling, irrigation, mining, municipal supply, sanitation, and commercial ice production.



**MAX HARVEST™ 50000**

**50,000 GALLONS (189,300 LITERS) DAILY**

**Return on Investment "ROI"**  
GALLONS (189,300 LITERS) DAILY

System Size	Annual Water Production (Gallons)	Annual Water Production (Liters)	System Cost	Cost per Gallon	Cost per Liter	Annual Water Production (Gallons)	Annual Water Production (Liters)	System Cost	Cost per Gallon	Cost per Liter
10,000	10,000	37,854	\$1,495,000	\$0.0004	\$0.0004	10,000	37,854	\$1,495,000	\$0.0004	\$0.0004
20,000	20,000	75,708	\$2,990,000	\$0.0004	\$0.0004	20,000	75,708	\$2,990,000	\$0.0004	\$0.0004
30,000	30,000	113,562	\$4,485,000	\$0.0004	\$0.0004	30,000	113,562	\$4,485,000	\$0.0004	\$0.0004
40,000	40,000	151,416	\$5,980,000	\$0.0004	\$0.0004	40,000	151,416	\$5,980,000	\$0.0004	\$0.0004
50,000	50,000	189,270	\$7,475,000	\$0.0004	\$0.0004	50,000	189,270	\$7,475,000	\$0.0004	\$0.0004

**Harvest Atmospheric Water**  
50,000 GALLONS (189,300 LITERS) DAILY

Extract water directly from the atmosphere every day using up to 95% less energy consumption when compared to conventional desalination.

- Proprietary Heartbeat Extraction™ technology
- Proprietary filtration technology
- Proprietary storm mitigation technology
- Proprietary Water-wall™ bacteria and virus destruction
- Modular, plug-n-play fully assembled systems

**Not For Public Disclosure**

**Modular Assemblies**  
EST™ 50000

Harvest™ technology is delivered in customizable, self-contained shipping modules, comprised of independent hydro-extraction systems. Individual harvesting units are mounted in specialized racking for easy maintenance, along with discrete flow controls, self-monitoring retention tanks, air power systems, triple filtration, Ozone purification, and in-line sanitation equipment.

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CALL: (860) 319-5889  
www.AQVAquaHarvest.com

# Operating Parameters

**The following are baseline operating parameters. Customized solutions are available with cooling and indirect desalination™**

- Our AWG systems are designed and engineered to continue operating under extreme environmental conditions.



**WORKS 12C - 54C**  
(54° - 134°F)

Designed and engineered to continue operating under the most extreme environmental conditions.



**HUMIDITY**  
30 - 100%

Chose our reliable water generation system that is renewed by the natural water cycle everyday.



**POWER SUPPLY**  
GRID | RENEWABLE

Our atmospheric water harvesting works on all types of power supply. Our solar systems function off grid.



# Our Harvesting Solutions

**We're Harvesting the Future of  
Water with Our Proprietary Water  
Generation Systems.**

186,300 Liters per System Daily



# Atmospheric Water Quality

## **AWG Water Harvest provides up to eight lines of defense to achieve the highest quality water.**

AWG Water harvest solutions essentially produce 99.9% purified, distilled water. Incoming air passes through commercial-grade MERV-13 air filters, preventing airborne contaminants from entering the system. Multi-stage water filtration combined with powerful UV light purification delivers safe and clean water at all times, with filtration and Ozone Gas applied again in the final filtration stage. Beneficial minerals are added based on specific consumer requirements.

Airborne contaminants are captured in commercial-grade air filtration.



Contaminants are removed in multi-stage water filtration.



Water is then purified using UV light, generating powerful Ozone Gas



In the final stage, Ozone Gas is again applied to ensure the purity of our water product.

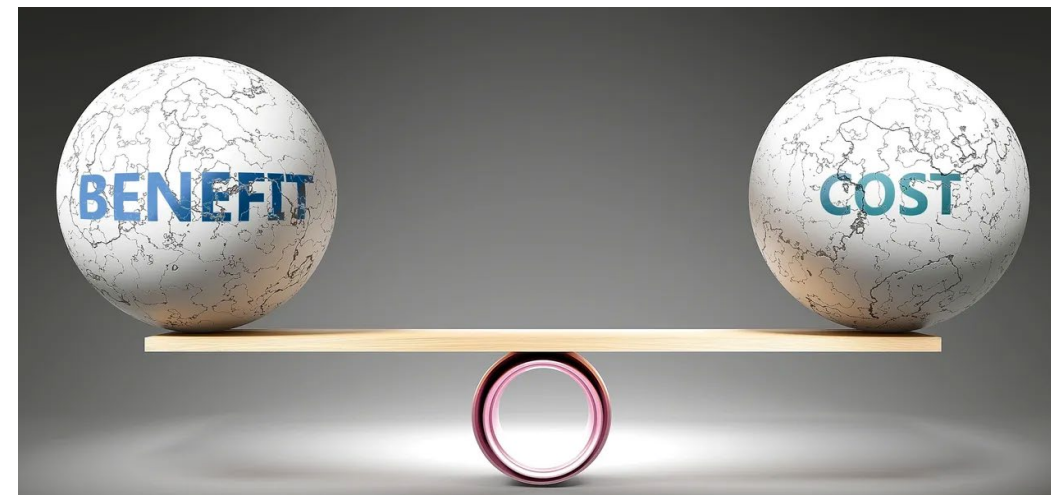


Exceeds U.S. EPA & WHO Water Quality Standards

# Levelized Cost of AWG Water

## Affordable Purity: AWG Solutions with Unmatched Cost Efficiency

- **Affordable:** Achieve water security with a sustainable solution that delivers water at a fraction of the cost of traditional seawater desalination. The Max Harvest 50000 leads the industry with a record-breaking daily production of 189,300 liters of atmospheric water per system at an unparalleled levelized cost of under **\$0.03 per liter!**
- **Ultra-Efficient:** Reduce the Levelized Cost of Water (LCW) to under **\$0.01 per liter** by integrating sustainable energy solutions like our Power Max solar generation system.
- **Unmatched Volume:** Achieve an LCW of under \$0.01 per liter through unprecedented water production volumes that surpass any other solution on the market.



# Industries

## **Applications**

**Endless Possibilities: Transforming Lives  
with AWG Applications**

# High-speed Bottling

## Pure Velocity: AWG Solutions for High-Speed Bottling

- **Pure:** Delivers 99.9% purified water, ensuring the highest quality for bottling applications.
- **Reliable:** Provides a consistent and uninterrupted water source, independent of traditional supply constraints.
- **Sustainable:** Reduces environmental impact by harnessing atmospheric moisture as a renewable water resource.
- **Scalable:** Easily adaptable to meet the demands of large-scale, high-speed bottling operations.
- **Cost-Effective:** Lowers operational costs by eliminating dependence on external water sources and transportation.





# Mining Operations

## Mining the Skies: AWG Water Solutions for Sustainable Operations

- **Durable:** Designed to withstand harsh mining environments while delivering a consistent water supply.
- **Reliable:** Ensures a steady and onsite water source, reducing downtime caused by water shortages.
- **Sustainable:** Minimizes environmental impact by utilizing atmospheric water instead of depleting local groundwater.
- **Efficient:** Provides high-volume water production tailored to meet the demanding needs of mining operations.
- **Adaptable:** Customizable systems to support diverse mining applications, from dust suppression to ore processing.





# Farming & Irrigation

## Harvesting the Sky: AWG Water Solutions for Thriving Farms

- **Consistent:** Provides a dependable water source regardless of droughts or seasonal variability.
- **Sustainable:** Reduces reliance on depleting groundwater reserves, promoting long-term agricultural viability.
- **Efficient:** Delivers water directly to irrigation systems, optimizing usage and reducing waste.
- **Scalable:** Adaptable to farms of all sizes, from small-scale operations to large agricultural enterprises.
- **Pure:** Supplies clean water free from contaminants, ensuring healthier crops and soil.



# Municipal Water

## Atmospheric Solutions: AWG Water for Resilient Municipal Supply

- **Reliable:** Ensures a consistent and secure water source unaffected by traditional supply disruptions.
- **Scalable:** Designed to meet the needs of municipalities, from small towns to large urban centers.
- **Sustainable:** Reduces dependency on overdrawn natural water resources, supporting environmental stewardship.
- **Pure:** Delivers clean, potable water that meets health and safety standards.
- **Innovative:** Utilizes cutting-edge AWG technology to modernize and future-proof municipal water infrastructure.





# Islands & Platforms

## Sky to Sea: AWG Water Solutions for Islands and Platforms

- **Independent:** Provides a self-sufficient water source, eliminating reliance on external supply chains.
- **Durable:** Engineered to perform in challenging maritime and offshore environments.
- **Sustainable:** Reduces environmental impact by using atmospheric moisture as a renewable resource.
- **Scalable:** Customizable systems for varying water demands, from island communities to large platforms.
- **Pure:** Produces high-quality potable water, ensuring consumption and operational use safety.





# Disaster Relief

## Life from the Air: AWG Water Solutions for Disaster Relief

- **Portable:** Mobile AWG units provide rapid deployment to remote and disaster-affected areas.
- **Reliable:** Delivers a consistent water supply in emergencies, even when traditional infrastructure is compromised.
- **Sustainable:** Harnesses atmospheric moisture, ensuring water availability without depleting local resources.
- **Scalable:** Adaptable systems can support small communities or large-scale relief efforts as needed.
- **Pure:** Produces clean, safe drinking water to meet critical health and sanitation needs in crisis situations.



# Military Operations

## Mission-Ready Water: AWG Solutions for Military Operations

- **Deployable:** Mobile AWG systems provide on-demand water supply in remote and tactical locations.
- **Reliable:** Ensures a steady water source, critical for sustaining operations in harsh environments.
- **Sustainable:** Reduces logistical dependency on water transport, minimizing operational risks and costs.
- **Adaptable:** Customizable to meet the diverse needs of field bases, camps, and combat zones.
- **Pure:** Supplies clean, safe water for drinking, cooking, and sanitation, ensuring troop health and readiness.





# Remote Water Supply

## From Air to Anywhere: AWG Water Solutions for Remote Areas

- **Accessible:** Provides a dependable water source in isolated and hard-to-reach locations.
- **Portable:** Mobile AWG units offer flexibility and rapid deployment for remote communities.
- **Sustainable:** Generates water onsite using atmospheric moisture, reducing environmental impact.
- **Reliable:** Delivers a consistent and uninterrupted water supply regardless of geographic challenges.
- **Scalable:** Customizable systems can accommodate the needs of small villages or larger remote operations.





# Our Solutions

## **AWG Solutions**

**SkySource™: Revolutionizing Water  
with AWG Innovation**

# WaterMate™ – 20 Liters per Day

## WaterMate™ Atmospheric Water Generation System

- Extract 20 liter from the atmosphere every day
- Up to 95% less energy consumption when compared to thermal desalination
- Hot & cold-water dispensing system
- Proprietary filtration technology that provides 99.9% purified water.
- 85, 8-ounce cups per day
- Home, marine, or office applications
- Modular, plug-n-play assemblies
- Shipped QC tested and assembled systems
- **Make water anywhere!!!**



**ATMOSPHERIC WATER GENERATION**

**WATERMATE SPECIFICATION**

PART NUMBER: AQV-H020BD

**WORKS 12C - 54C**  
(54° - 134°F)

**HUMIDITY**  
30 - 100%

**POWER SUPPLY**  
GRID | RENEWABLE

**FEATURES & BENEFITS**

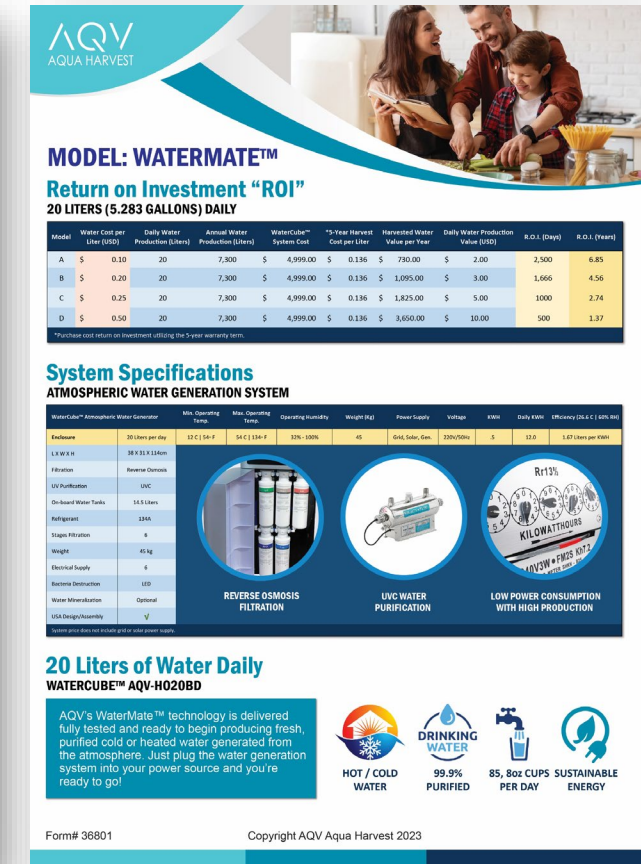
The WaterMate™ employs direct or remote air intake sources to collect air from the surrounding area. The moisture from the air is drawn into the proprietary water-wall purification system, the purified water harvested is then transferred to our proprietary humidification systems for collection and filtration.

- Delivers 20 Liters per day @ 60% RH!
- 5-year manufacturer's warranty!
- Multi-stage proprietary filtration!
- Reliable, purified water from the air!

**CONTACT US**

Phone: (860) 319-5889  
Email: [water@AQVAquaHarvest.com](mailto:water@AQVAquaHarvest.com)  
Web: [www.AQVAquaHarvest.com](http://www.AQVAquaHarvest.com)

AQV Aqua Harvest  
P.O. Box 563  
Mystic, CT 06355



**MODEL: WATERMATE™**

**Return on Investment "ROI"**

**20 LITERS (5.283 GALLONS) DAILY**

Model	Water Cost per Liter (USD)	Daily Water Production (Liters)	Annual Water Production (Liters)	WaterCube™ System Cost	10-Year Harvest Cost per Liter	Harvested Water Value per Year	Daily Water Production Value (USD)	R.O.I. (Days)	R.O.I. (Years)
A	\$ 0.10	20	7,300	\$ 4,999.00	\$ 0.136	\$ 730.00	\$ 2.00	2,500	6.85
B	\$ 0.20	20	7,300	\$ 4,999.00	\$ 0.136	\$ 1,095.00	\$ 3.00	1,666	4.56
C	\$ 0.25	20	7,300	\$ 4,999.00	\$ 0.136	\$ 1,825.00	\$ 5.00	1,000	2.74
D	\$ 0.50	20	7,300	\$ 4,999.00	\$ 0.136	\$ 3,650.00	\$ 10.00	500	1.37

\*Purchase cost return on investment utilizing the 5-year warranty term.

**System Specifications**

**ATMOSPHERIC WATER GENERATION SYSTEM**

WaterCube™ Atmospheric Water Generator	Min. Operating Temp.	Max. Operating Temp.	Operating Humidity	Weight (kg)	Power Supply	Voltage	kW/h	Daily Rate	Efficiency (DL @ C) (40% RH)
Enclosure	30 (86°F)	54 (134°F)	30% - 100%	45	Grid, Solar, Gen.	220V/50Hz	5	17.0	1.67 Liter per kWh
L x W x H	38 x 21 x 214cm								
Filtration	Reverse Osmosis								
UV Purification	UV								
On-board Water Tanks	18.5 Liters								
Refrigerant	336g								
Stages Filtration	5								
Weight	45 kg								
Electrical Supply	5								
External Demineral	100								
Water Mineralization	Optional								
USA Design/Manufacture	✓								

**20 Liters of Water Daily**

**WATERCUBE™ AQV-H020BD**

AQV's WaterMate™ technology is delivered fully tested and ready to begin producing fresh, purified cold or heated water generated from the atmosphere. Just plug the water generation system into your power source and you're ready to go!

**Reverse Osmosis Filtration**

**UV Water Purification**

**Low Power Consumption with High Production**

**20 LITERS DAILY**

**85, 8oz CUPS PER DAY**

**99.9% PURIFIED**

**HOT / COLD WATER**

**DRINKING WATER**

**SUSTAINABLE ENERGY**

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# H2 Canteen™ 80 Liters per Day

## H2 CANTEEN™ Atmospheric Water Harvesting

Self-contained H2O Canteen™ water extraction systems designed for military, marine, and municipal use.

- ✓ Performs in 30 – 100% humidity
- ✓ Available as a cart mounted enclosure
- ✓ Off grid diesel/solar solutions available
- ✓ Seven stages of water purification
- ✓ 340 8-ounce cups per day
- ✓ Sustainable energy with renewable water source
- ✓ 5-year warranty

- **Self contained military and municipal water source!!!**

ATMOSPHERIC WATER GENERATION

### H2 CANTEEN SPECIFICATION

PART NUMBER: AQV-H280MS  
80 LITERS P/D







**WORKS 12C - 54C**  
(54° - 134°F)

Designed and engineered to continue operating under the most extreme environmental conditions.



**HUMIDITY**  
30 - 100%

Choose our reliable water generation system that is renewed by the natural water cycle everyday.



**POWER SUPPLY**  
GRID | RENEWABLE

Our atmospheric water harvesting works on all types of power supply. Our solar systems function off-grid.

**FEATURES & BENEFITS**

The H2 Canteen™ employs direct or remote air intake sources to collect air from the surrounding area. The moisture from the air is drawn into the proprietary water-wall purification system, the purified harvested water is then transferred to our proprietary dehumidification systems for collection and filtration.

- Delivers 80 Liters per day @ 60% RH!
- 5-year manufacturer's warranty!
- Multi-stage proprietary filtration!
- Reliable, purified water from the air!

**CONTACT US**

Phone : (860) 319-5889  
Email : [water@AQVAquaHarvest.com](mailto:water@AQVAquaHarvest.com)  
Web : [www.AQVAquaHarvest.com](http://www.AQVAquaHarvest.com)


AQV Aqua Harvest  
P.O. Box 563  
Mystic, CT 06355





ATMOSPHERIC WATER GENERATION

### H2 CANTEEN SPECIFICATION

PART NUMBER: AQV-H280MS  
80 LITERS P/D









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AQV Aqua Harvest  
P.O. Box 563  
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### MODEL: H2 CANTEEN™ Return on Investment "ROI" 80 LITERS (21.132 GALLONS) DAILY

Model	Water Cost per Liter (USD)	Daily Water Production (Liters)	Annual Water Production (Liters)	System Cost	5-Year Harvest Cost per Liter	Harvested Water Value per Year	Daily Water Production Value (USD)	R.O.I. (Days)	R.O.I. (Years)
A	\$ 0.10	80	29,200	\$ 14,999.00	\$ 0.303	\$ 2,930.00	\$ 8.00	1,875	5.14
B	\$ 0.20	80	29,200	\$ 14,999.00	\$ 0.303	\$ 5,860.00	\$ 16.00	937	2.57
C	\$ 0.25	80	29,200	\$ 14,999.00	\$ 0.303	\$ 7,300.00	\$ 20.00	750	2.06
D	\$ 0.50	80	29,200	\$ 14,999.00	\$ 0.303	\$ 14,600.00	\$ 40.00	375	1.03

\*Purchase cost returns on investment within the 5-year warranty term.

### System Specifications ATMOSPHERIC WATER GENERATION SYSTEM

H2 Canteen™ Atmospheric Water Generator	Min. Operating Temp.	Max. Operating Temp.	Operating Humidity	Weight (kg)	Power Supply	Voltage	KWH	Daily kWh	Efficiency (24 Hr.) 1,000 Gall.	
Enclosure	40 Liters P/D @ 60% RH	62 C / 144 F	54 C / 131 F	52% - 100%	75	Grid, Solar, Gas	220V/100w	1.25	30.5	2.07 Liters per kWh
L x W x H	46 X 63 X 57cm									
Filtration	Reverse Osmosis									
UV Purification	UV-C									
On-board Water Tanks	57.88 Liters									
Refrigerant	R290									
Stage Filtration	6									
Weight	75kg									
Electrical Supply	120V (2000W) 240V (2000W)									
Battery Operation	LED									
Water Mineralization	Optional									
USA Design/Assembly	✓									



REVERSE OSMOSIS  
FILTRATION



LVC WATER  
PURIFICATION



OPTIONAL OPEN / COVERED  
GALVANIZED TRAILERS

### 80 Liters of Water Daily H2 CANTEEN™ AQV-H280MS

AQV's H2 Canteen™ is your solution for instant purified water generated from atmospheric harvesting for your water security, disaster recovery, or military operations support. Your system arrives tested and ready to plug into your grid or renewable energy power source!



Form# 36822

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# Geyser™ 400 Liters per Day

## GEYSER™ Atmospheric Water Harvesting System

Geyser™ water extraction systems are designed for military, marine, commercial, and municipal use.

- ✓ Performs in 30 – 100% humidity
- ✓ Available as a cart mounted enclosure
- ✓ Off grid diesel/solar solutions available
- ✓ Seven stages of water purification
- ✓ 1,691 8-ounce cups per day
- ✓ Sustainable energy with renewable water source
- ✓ 5-year warranty

• **Self contained military and municipal water source!!!**

ATMOSPHERIC WATER GENERATION

## GEYSER SPECIFICATION

PART NUMBER: AQV-GEY400  
400 LITERS P/D





**WORKS 12C - 54C**  
(54° - 134°F)

Designed and engineered to continue operating under the most extreme environmental conditions.



**HUMIDITY**  
30 - 100%

Choose our reliable water generation system that is renewed by the natural water cycle everyday.



**POWER SUPPLY**  
GRID | RENEWABLE

Our atmospheric water harvesting works on all types of power supply. Our solar systems function off grid.



**FEATURES & BENEFITS**

The Geyser™ employs direct air intake sources to collect air from the surrounding area. The moisture from the air is drawn into the proprietary water-wall purification system, the purified harvested water is then transferred to our proprietary dehumidification systems for collection and filtration.

- Delivers 400 Liters per day @ 60% RH
- 5-year manufacturer's warranty
- Multi-stage proprietary filtration
- Reliable, purified water from the air!

**CONTACT US**

Phone : (860) 319-5889  
Email : [water@AQVAquaHarvest.com](mailto:water@AQVAquaHarvest.com)  
Web : [www.AQVAquaHarvest.com](http://www.AQVAquaHarvest.com)

AQV Aqua Harvest  
P.O. Box 563  
Mystic, CT 06355

**AQV**  
AQUA HARVEST


## MODEL: GEYSER™

### Return on Investment "ROI"

400 LITERS (132.09 GALLONS) DAILY @ 60% RH

Model	Water Cost per Liter (USD)	Daily Water Production (Liters)	Annual Water Production (Liters)	System Cost	% Year Harvest Cost per Liter	Harvested Water Value per Year	Daily Water Production Value (USD)	R.O.I., (Days)	R.O.I., (Years)
A	\$ 0.10	400	146,000	\$ 69,999.00	\$ 0.095	\$ 14,600.00	\$ 40.00	1,750	4.80
B	\$ 0.20	400	146,000	\$ 69,999.00	\$ 0.095	\$ 29,200.00	\$ 80.00	875	2.40
C	\$ 0.25	400	146,000	\$ 69,999.00	\$ 0.095	\$ 36,500.00	\$ 100.00	700	1.92
D	\$ 0.50	400	146,000	\$ 69,999.00	\$ 0.095	\$ 73,000.00	\$ 200.00	350	.96


\*Purchase cost return on investment utilizing the 5-year warranty term.



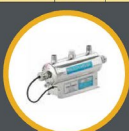
### System Specifications

ATMOSPHERIC WATER GENERATION SYSTEM

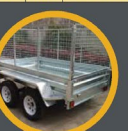
End-use	Capacity (L/min @ 60% RH)	Min. Operating Temp.	Max. Operating Temp.	Operating Humidity	Weight (kg)	Power Supply	Voltage	kWh	Daily kWh	Efficiency (L/kWh @ 60% RH)
End-use	400 Liters @ 60% RH	10°C / 50°F	54°C / 130°F	30% - 100%	350	Grid, Solar, Gen.	120V/240V	3.5	84.0	4.75 Liters per kWh



REVERSE OSMOSIS FILTRATION




UVC WATER PURIFICATION




OPTIONAL OPEN/COVERED GALVANIZED TRAILERS

**400 Liters (105.67 Gallons) of Water Daily**  
GEYSER™ AQV-GEY400


AQV's Geyser™ is your solution for instant purified water from atmospheric harvesting for your water security, disaster recovery, or military operations support. Your system arrives tested and ready to plug into your grid or renewable energy power source!




HOT / COLD WATER



99.9% PURIFIED



1,691, 8oz CUPS PER DAY



SUSTAINABLE ENERGY

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# Tsunami™ 1000 Liters per Day

## TSUNAMI™ Atmospheric Water Harvesting System

Geyser™ water extraction systems are designed for military, commercial, and municipal use.


- ✓ Performs in 30 – 100% humidity
- ✓ Available as a cart mounted enclosure
- ✓ Off grid diesel/solar solutions available
- ✓ Seven stages of water purification
- ✓ 1,000 liters (264.17 gallons) of harvested water daily
- ✓ Sustainable energy with renewable water source
- ✓ 5-year warranty

- **High volume water production from the atmosphere!!!**

ATMOSPHERIC WATER GENERATION

**TSUNAMI 1000**  
SPECIFICATION

PART NUMBER: AQV-TSU1000  
1000 LITERS P/D



6 Stage Filtration  
Whisper Quiet  
Automatic Anti-bacterial Cleanse  
Indoor/Outdoor Operation  
In-line UV Filtration  
Proprietary Water Wall™ Filtration

**WORKS 12C - 54C**  
(54° - 134°F)

Designed and engineered to continue operating under the most extreme environmental conditions.

**HUMIDITY**  
30 - 100%

Choose our reliable water generation system that is renewed by the natural water cycle everyday.

**POWER SUPPLY**  
GRID | RENEWABLE

Our atmospheric water harvesting works on all types of power supply. Our solar systems function off grid.

**FEATURES & BENEFITS**

The Tsunami 1000™ employs direct air intake sources to collect air from the surrounding area. The moisture from the air is drawn into the proprietary water-wall purification system, the purified harvested water is then transferred to our proprietary dehumidification systems for collection and filtration.


- Delivers 1000 Liters per day @ 60% RH
- 5-year manufacturer's warranty!
- Multi-stage proprietary filtration!
- Reliable, purified water from the air!

**CONTACT US**

Phone : (860) 319-5889  
Email : water@AQVAquaHarvest.com  
Web : www.AQVAquaHarvest.com

AQV Aqua Harvest  
P.O. Box 563  
Mystic, CT 06355

**MODEL: TSUNAMI 1000™**  
**Return on Investment "ROI"**  
1000 LITERS (264.17 GALLONS) DAILY @ 60% RH



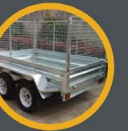


Model	Water Cost per Liter (USD)	Daily Water Production (Liters)	Annual Water Production (Liters)	System Cost	5-Year Harvest Cost per Liter	Harvested Water Value per Year	Daily Water Production Value (USD)	R.O.I. (Days)	R.O.I. (Years)
A	\$ 0.10	1,000	365,000	\$ 149,999.00	\$ 0.082	\$ 36,500.00	\$ 100.00	1,500	4.11
B	\$ 0.20	1,000	365,000	\$ 149,999.00	\$ 0.082	\$ 73,000.00	\$ 200.00	750	2.66
C	\$ 0.25	1,000	365,000	\$ 149,999.00	\$ 0.082	\$ 91,250.00	\$ 250.00	600	1.64
D	\$ 0.50	1,000	365,000	\$ 149,999.00	\$ 0.082	\$ 182,500.00	\$ 500.00	300	.82

\*Purchase cost return on investment utilizing the 5-year warranty term.





**System Specifications**  
ATMOSPHERIC WATER GENERATION SYSTEM

TSUNAMI 1000™ Atmospheric Water Generator	Min. Operating Temp.	Max. Operating Temp.	Operating Humidity	Weight (kg)	Power Supply	Voltage	EWG	Water Yield	Efficiency (L/gal @ 60% RH)	
Enclosure	1000 Liters @ 60% RH	15 C (59 F)	54 C (134 F)	33% - 100%	800	Grid, Solar, Gen.	220V/240V	12.5	300.0	288 GAL/PER LITER
L x W x H	22.5 x 18.0 x 22.0 in									
Filtration	Reverse Osmosis									
UV Purification	UV-C									
On-board Water Tanks	300 Liters									
Refrigerant	R290									
Stages Filtration	7									
Weight	800 kg									
Electrical Supply	220V (200W) 240V (200W)									
Bacteria Destruction	LED									
Water Mineralization	Optional									
USA Design/Assembly	✓									

**1000 Liters (264.17 Gallons) of Water Daily**  
TSUNAMI 1000™ AQV-TSU1000

AQV's Tsunami™ is your solution for instant purified water from atmospheric harvesting for your water security, disaster recovery, or military operations support. Your system arrives tested and ready to plug into your grid or renewable energy power source!

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# The Solution – Max Harvest™

## Max Harvest™ 10000, 20000 & 50000 Aqua Harvest

- Extract 10,000 (37,854 liters) to 50,000 (191,000 liters) from the atmosphere every day
- Up to 95% less energy consumption when compared to thermal desalination
- Proprietary Heartbeat Extraction™ technology
- Proprietary filtration technology
- Proprietary Water-wall™ technology
- Proprietary storm mitigation technology
- Modular, plug-n-play assemblies
- Shipped QC tested and assembled systems
- Aqua Link online system automation



Heartbeat™  
Dehumidification  
Extractors





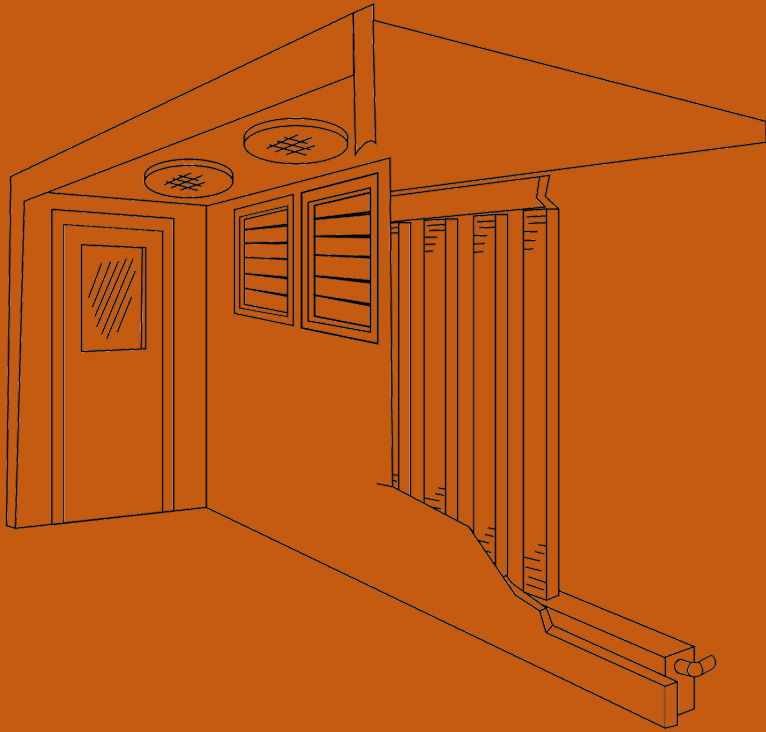
# The Solution – Max Harvest™

## Our Systems are Housed in Modular, Stackable Assemblies !

- Complete plug-n-play systems
- All electrical controls and feeds included
- Modular systems ranging in size from 20' to 40' long, up to 25.5' wide.
- Systems are QC tested and shipped complete
- Install the system on your pad site, plug in the power and outbound water supply and you're done!
- Customized roofline packages are available!



# Unparalleled Innovation



## Game-Changing Technology, Disruptive Innovation

- **Game-changing:** Our vast experience and extensive knowledge in atmospheric harvesting have triggered the invention team to develop solutions that solve today's challenges while advancing development decades in advance.
- **Disruptive:** One such disruptive advancement is our proprietary **waterwall™** technology that volumetrically balances an extremely high volume of extracted air while bombarding the entrained water particulates to remove airborne contaminants, odor molecules, chemical vapors, and bacteria before they can reach the water production path.



# Max Harvest™ 10,000 Gallons per Day

## High-production Atmospheric Water Harvesting System

Max Harvest™ 10000 water extraction systems are designed for high-production military, commercial, and municipal use.

- ✓ Performs in 30 – 100% humidity
- ✓ Modular, plug-n-play structure with AQV heartbeat extraction technology.
- ✓ Off-grid diesel/solar solutions available
- ✓ Eight stages of water purification to 99.9% pure
- ✓ 37,860 liters (10,000 gallons) of harvested water daily
- ✓ Sustainable with a renewable water source
- ✓ 5-year warranty

- **High volume water production from the atmosphere!!!**



**MAX HARVEST™ 10000**

**HARVEST ATMOSPHERIC WATER**  
**10,000 GALLONS (37,860 LITERS) DAILY**

Extract water directly from the atmosphere every day using up to 95% less energy consumption when compared to conventional desalination.

- Proprietary Heartbeat Extraction™ technology
- Proprietary filtration technology
- Proprietary storm mitigation technology
- Proprietary Water-wall™ bacteria and virus destruction
- Modular, plug-n-play fully assembled systems

**Drinking Water:** Purified drinking water extracted from the air 24 hours per day.

**Irrigation:** Atmospheric water harvested and purified for irrigation.

**Cooking / Cleaning:** Cloud water is collected from the air and stored for cooking and cleaning.

**Bathing / Sanitary:** Purified water extracted and delivered on-demand for sanitary needs.

**Water Bottling:** High volume water extraction to support high-speed bottling.

**Not For Public Disclosure**

**AQV HARVESTING THE FUTURE OF WATER**

**CALL: (860) 319-5889**  
[www.AQVAquaHarvest.com](http://www.AQVAquaHarvest.com)



**MODEL: MH-10000**

**Return on Investment "ROI"**  
**10,000 GALLONS (37,860 LITERS) DAILY**

Model	Water Cost per Liter (\$0.05)	Daily Water Production (Liters)	Annual Water Production (Liters)	Max Harvest 10000 Systems Cost	*5 Year Harvest Cost per Liter	Harvested Water Value per Year	Daily Water Production Value (\$0.05)	R.O.I. (Days)	R.O.I. (Years)
A	\$0.05	37,860	13,818,900	\$ 1,195,000	\$ 0.0173	\$ 690,945	\$ 1,893	631	1.73
B	\$0.10	37,860	13,818,900	\$ 1,195,000	\$ 0.0173	\$ 1,381,890	\$ 3,786	316	0.86
C	\$0.20	37,860	13,818,900	\$ 1,195,000	\$ 0.0173	\$ 2,763,780	\$ 7,572	158	0.43
D	\$0.40	37,860	13,818,900	\$ 1,195,000	\$ 0.0173	\$ 5,527,560	\$ 15,144	79	0.22

\*Purchase cost return on investment utilizing the 5-year warranty terms.

**System Specifications**  
**ATMOSPHERIC WATER GENERATION SYSTEM**

Harvest Extractors	8" x 48" (19.81mm x 12.19mm)	12" C x 36" F	54" C x 124" F	Operating Humidity	30% - 100%	Weight (kg)	8,343	Power Supply	400k Solar Gen.	1000V/200V	400	Daily Yield	10,000 GPD (37.860 m³)	Efficiency (20.4°C @ 60% RH)	3.20 liters per kWh
Housing, Customized	24														
Air Filtration	24														
UV Purification	16														
On-board Water Tank	2,000 Liters														
75,000 (311) Holding Tanks	Optional														
3-Stage Filtration	2														
Water Pumps	3														
Electrical Panels	2														
Bacteria Destruction	16														
Water Mineralization	Optional														
USA Modular Assembly	✓														

**USA Modular Assemblies**  
**MAX HARVEST™ 10000**

Aqua Harvest™ technology is delivered in customizable, self-contained shipping modules, comprised of independent hydro-extraction systems. Individual harvesting units are mounted in specialized racking assemblies for easy maintenance, along with discrete flow controls, self-monitoring retention tanks, modular power systems, triple filtration, Ozone purification, and in-line sanitation equipment.

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# Max Harvest™ 20,000 Gallons per Day

## High-production Atmospheric Water Harvesting System

Max Harvest™ 20000 water extraction systems are designed for high-production military, commercial, and municipal use.

- ✓ Performs in 30 – 100% humidity
- ✓ Modular, plug-n-play structure with AQV heartbeat extraction technology.
- ✓ Off-grid diesel/solar solutions available
- ✓ Eight stages of water purification to 99.9% pure
- ✓ 75,720 liters (20,000 gallons) of harvested water daily
- ✓ Sustainable energy, renewable water source
- ✓ 5-year warranty

- **High volume water production from the atmosphere!!!**



**MAX HARVEST™ 20000**

**HARVEST ATMOSPHERIC WATER**  
**20,000 GALLONS (75,720 LITERS) DAILY**

Extract water directly from the atmosphere every day using up to 95% less energy consumption when compared to conventional desalination.

- Proprietary Heartbeat Extraction™ technology
- Proprietary filtration technology
- Proprietary storm mitigation technology
- Proprietary Water-wall™ bacteria and virus destruction
- Modular, plug-n-play fully assembled systems

**Not For Public Disclosure**

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**CALL: (860) 319-5889**  
www.AQVAquaHarvest.com



**MODEL: MH-20000**

**Return on Investment "ROI"**  
**20,000 GALLONS (75,720 LITERS) DAILY**

Model	Water Cost per Liter (\$USD)	Daily Water Production (Liters)	Annual Water Production (Liters)	Max Harvest 20000 Systems Cost	*5-Year Harvest Cost per Liter	Harvested Water Value per Year	Daily Water Production Value (\$USD)	R.O.I. (Days)	R.O.I. (Years)
A	\$0.05	75,720	27,637,800	\$ 2,195,000	\$ 0.0159	\$ 3,381,890	\$ 3,786	580	1.59
B	\$0.10	75,720	27,637,800	\$ 2,195,000	\$ 0.0159	\$ 2,763,780	\$ 7,572	290	0.79
C	\$0.20	75,720	27,637,800	\$ 2,195,000	\$ 0.0159	\$ 5,527,560	\$ 15,144	145	0.40
D	\$0.40	75,720	27,637,800	\$ 2,195,000	\$ 0.0159	\$ 11,055,120	\$ 30,288	72	0.20

\*Purchase cost return on investment utilizing the 5-year warranty terms.

**System Specifications**  
**ATMOSPHERIC WATER GENERATION SYSTEM**

MH-20000 Atmospheric Water Generation	Min. Operating Temp.	Max. Operating Temp.	Operating Humidity	Weight (kg)	Power Supply	Voltage	KWH	Daily KWH	Efficiency (20°C) (LPH/KWH)	
Harvest Extractors	40	122°C (251°F)	54°C (129°F)	92% - 100%	26,000	400k Solar Grid	380V/200V	986	23,040	3.20 (LPH per KWH)
Housing, Customized	38" x 60" x 67" (965x1524x1703mm)									
Air Filtration	48									
UV Purification	56									
On-board Water Tank	4,000 Liters									
75,000 (211) Holding Tanks	Optional									
3-Stage Filtration	3									
Water Pumps	6									
Electrical Panels	3									
Bacteria Destruction	52									
Water Mineralization	Optional									
USA Modular Assembly	✓									

**USA Modular Assemblies**  
**HARVEST MAX™ 20000**

Aqua Harvest™ technology is delivered in customizable, self-contained shipping modules, comprised of independent hydro-extraction systems. Individual harvesting units are mounted in specialized racking assemblies for easy maintenance, along with discrete flow controls, self-monitoring retention tanks, modular power systems, triple filtration, Ozone purification, and in-line sanitation equipment.

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# Max Harvest™ 50,000 Gallons per Day

## High-production Atmospheric Water Harvesting System

Max Harvest™ 50000 water extraction systems are designed for high-production mining, military, commercial, and municipal use.

- ✓ Performs in 30 – 100% humidity
- ✓ Modular, plug-n-play structure with AQV heartbeat extraction technology.
- ✓ Off-grid diesel/solar solutions available
- ✓ Eight stages of water purification to 99.9% pure
- ✓ 189,300 liters (50,000 gallons) of harvested water daily
- ✓ Sustainable energy, renewable water source
- ✓ 5-year warranty

- **High volume water production from the atmosphere!!!**



**MAX HARVEST™ 50000**

**HARVEST ATMOSPHERIC WATER**  
**50,000 GALLONS (189,300 LITERS) DAILY**

Extract water directly from the atmosphere every day using up to 95% less energy consumption when compared to conventional desalination.

- Proprietary Heartbeat Extraction™ technology
- Proprietary filtration technology
- Proprietary storm mitigation technology
- Proprietary Water-wall™ bacteria and virus destruction
- Modular, plug-n-play fully assembled systems

**Not For Public Disclosure**

**AQV HARVESTING THE FUTURE OF WATER**

**CALL: (860) 319-5889**  
www.AQVAquaHarvest.com



**MODEL: MH-50000**

**Return on Investment "ROI"**  
**50,000 GALLONS (189,300 LITERS) DAILY**

Model	Water Cost per Liter (\$USD)	Daily Water Production (Liters)	Annual Water Production (Liters)	Max Harvest 50000 System Cost	% Year Harvest Cost per Liter	Harvested Water Value per Year	Daily Water Production Value (\$USD)	R.O.I. (Days)	R.O.I. (Years)
A	\$0.05	189,300	69,094,500	\$ 3,250,000	\$ 0.0094	\$ 3,454,725	\$ 9,465	343	0.94
B	\$0.10	189,300	69,094,500	\$ 3,250,000	\$ 0.0094	\$ 6,909,450	\$ 18,930	172	0.47
C	\$0.20	189,300	69,094,500	\$ 3,250,000	\$ 0.0094	\$ 13,818,900	\$ 37,860	86	0.24
D	\$0.40	189,300	69,094,500	\$ 3,250,000	\$ 0.0094	\$ 27,637,800	\$ 75,720	43	0.12

\*Purchase cost return on investment utilizing the 5-year warranty term.

**System Specifications**  
**ATMOSPHERIC WATER GENERATION SYSTEM**

MH-50000 Atmospheric Water Generation	Min. Operating Temp.	Max. Operating Temp.	Operating Humidity	Weight (kg)	Power Supply	Voltage	Flow	Daily Yield	Efficiency (20°C @ 100% RH)
Harvest Extractors	20	54°C (129°F)	30% - 100%	45,712	400k Solar, Gas	100V/200V	2,400	57,600	9.23 liters per kWh
Housing, Customized	24" x 48" (2' x 4')	32.5 (83cm)							
Air Filtration	120								
UV Purification	40								
On-board Water Tank	30,000 Liters								
75,000 (211) Holding Tanks	Optional								
3-Stage Filtration	5								
Water Pumps	15								
Electrical Panels	5								
Bacteria Destruction	80								
Water Mineralization	Optional								
USA Modular Assembly	✓								

**USA Modular Assemblies**  
**MAX HARVEST™ 50000**

Aqua Harvest™ technology is delivered in customizable, self-contained shipping modules, comprised of independent hydro-extraction systems. Individual harvesting units are mounted in specialized racking assemblies for easy maintenance, along with discrete flow controls, self-monitoring retention tanks, modular power systems, triple filtration, Ozone purification, and in-line sanitation equipment.

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# Ice Harvest™ Retail Ice Kiosks

## H2 CLOUD WATER™ ICE & WATER DISPENSE KIOSKS

Self-contained Aqua Harvest 2000 H2O Cloud Water™ extraction systems with eight-stage purified water and ice dispensing.

- ✓ Self-service, open 24/7
- ✓ 3,000 lb. ice bin production
- ✓ Accepts all forms of payment
- ✓ 5lb & 20lb bagged purified ice
- ✓ 1 & 5-gallon purified water dispenser
- ✓ Small footprint, with one-year equipment ROI
- ✓ Sell 5lbs of ice for \$2.99, net \$4.78 per gallon of water
- ✓ Sell 20lbs of ice for \$6.99, net \$2.79 per gallon of water





# Home Harvest – Water Security

## Home Harvest™ Atmospheric Extraction Systems

Home atmospheric extractors with twice filtered cloud water, hot and cold water dispensing

- ✓ AQV home systems ranging from 30 – 500 liters per day
- ✓ Integrated 15-liter storage tank
- ✓ Self-contained extraction systems connect to the remote intake
- ✓ Patented internal waterwall™ disinfection
- ✓ Twice purified for clear, odorless potable water
- ✓ Optional 7-day reservoir support tanks
- ✓ Automated holding tank transfer option
- ✓ Optional inline electric pumping system with automated pressure supply

Self Contained  
Atmospheric Harvest  
System

Waterwall™  
Technology

Whole House  
Systems Available

Hot & Cold  
Water Dispensing

Self-contained



# Solar Power Generation

## Power your AQV Water Generation Systems with our Hybrid Solar/Diesel Power Supplies

- Power anytime, anywhere you need it with our hybrid Power Max™ and Mini Max™ solutions!

**POWER MAX SPECIFICATION**

**HYBRID POWER (SOLAR/DIESEL)**

**SOLAR POWER (PORTABLE)**

**STORED POWER (50 HRS)**

**FEATURES & BENEFITS**

**CONTACT US**

AWG Water Harvest  
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Hartford, CT 06105  
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Email: [info@aqvwater.com](mailto:info@aqvwater.com)  
Web: [www.aqvwater.com](http://www.aqvwater.com)

**MODEL: POWER MAX™**  
Solar Industrial Power Supply  
ANYTIME 50K POWER, DIESEL BACK-UP POWER

**POWER MAX MODEL SPECIFICATIONS**

Feature	Specification
Power Output	50kW (50000W)
Power Input	50kW (50000W)
Power Factor	0.95
Power Quality	THD < 5%
Power Efficiency	> 95%
Power Protection	Overload, Overvoltage, Undervoltage, Short Circuit, Ground Fault, etc.
Power Type	Hybrid (Solar/Diesel)
Power Fuel	Diesel
Power Fuel Tank	1000L (264.2 Gallons)
Power Fuel Consumption	20L/Hour (5.3 Gallons/Hour)
Power Fuel Efficiency	> 95%
Power Fuel Emission	Low
Power Fuel Noise	< 70dB
Power Fuel Vibration	< 0.5mm/s
Power Fuel Life	> 100,000 Hours
Power Fuel Maintenance	Easy
Power Fuel Safety	High

**MODEL: POWER MINI**  
Solar Industrial Power Supply  
ANYTIME 5K POWER, DIESEL BACK-UP POWER

**POWER MINI MODEL SPECIFICATIONS**

Feature	Specification
Power Output	5kW (5000W)
Power Input	5kW (5000W)
Power Factor	0.95
Power Quality	THD < 5%
Power Efficiency	> 95%
Power Protection	Overload, Overvoltage, Undervoltage, Short Circuit, Ground Fault, etc.
Power Type	Hybrid (Solar/Diesel)
Power Fuel	Diesel
Power Fuel Tank	100L (26.4 Gallons)
Power Fuel Consumption	2L/Hour (0.53 Gallons/Hour)
Power Fuel Efficiency	> 95%
Power Fuel Emission	Low
Power Fuel Noise	< 70dB
Power Fuel Vibration	< 0.5mm/s
Power Fuel Life	> 100,000 Hours
Power Fuel Maintenance	Easy
Power Fuel Safety	High

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# Innovation Beyond Imagination



# Our Pipeline of Innovation

## What's next?



# CO2 Remediation – Direct Air Capture

## AQV DAC CO2™ Exclusively by Aqua Harvest

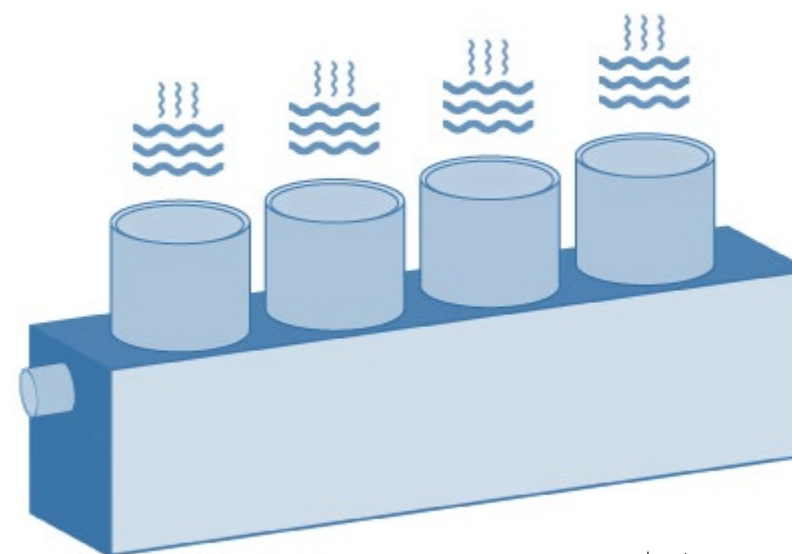
- Combination of atmospheric water generation with direct air capture and storage of CO2.
- During atmospheric water production, our direct air capture design deploys solid sorbents that extract CO2 from the air and then store the captured CO2 for carbon credits.
- The combination of processes reduces the cost of collection per metric ton of CO2.
- AQVs innovation in CO2 collection will be deployed in our future atmospheric harvesting designs, promoting a global, net zero initiative.



# Our Innovation – Indirect Desalination™

## Indirect Desalination™ Exclusively by Aqua Harvest

- Seawater is pumped into the indirect desalination™ system under low pressure.
- The flow of the system is level-controlled for maximum efficiency.
- Low voltage circulating turbines direct the flow of water vapor to the collectors.
- The surface of the seawater is excited to induce water vapor from the surface utilizing low-voltage electrical power without heating or cooling the seawater.
- Variable controls allow for the increased humification of water vapor from the seawater.
- Vaporized water is collected free from salts, minerals, or contaminants.



Electrically Excited Vapor  
Collected by Max Harvest

Modular Baffling  
System

# Indirect Desalination

## Aqua Harvesting & Indirect Desalination™

- Currently, over 1,700 desalination plants exist globally, producing over 17 billion gallons of water
- Each desalination plant costs over \$100M (USD)
- Based solely on the power requirements, over \$34 billion (USD) is spent annually on power consumption
- Our technologies harvest and provide clean, harvested water at approximately 90% less power consumption
- Countries are actively seeking alternatives to outdated desalination technologies
- Many countries such as India, Egypt, UAE, Morocco, Saudi Arabia, and others have established water security budgets to invest hundreds of millions in new water production technology

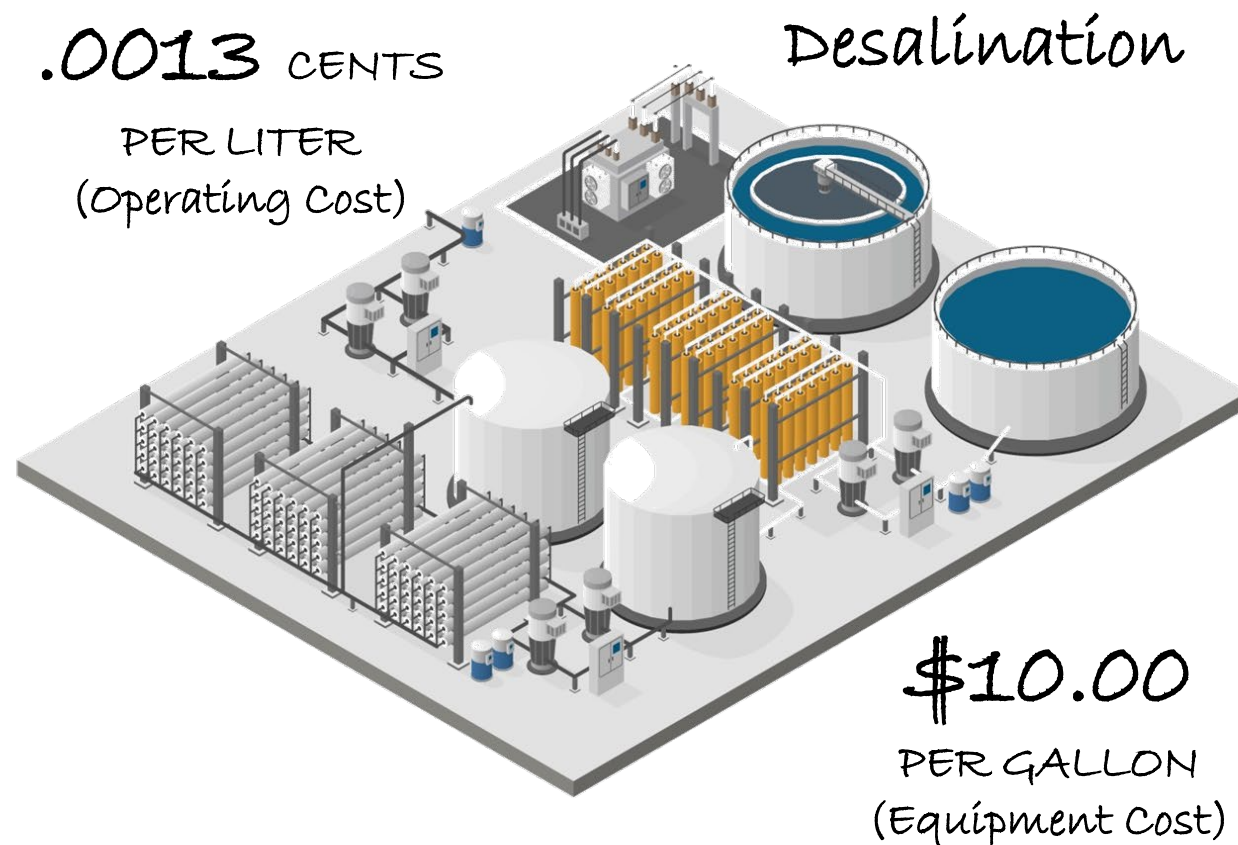




# The Competition - Desalination

## The Cost of Potable Water Production and Consumption

- **Only 2.5%** of the Earth's surface water is drinkable and usable. Two-thirds of this amount is locked in the Arctic ice and is unavailable.
- The most important concern by 2030 is the crisis of drought & water shortages. One of the most lucrative and creative business areas is drinking water production.
- The Texas Desalination Association estimates **desalination costs** up to \$4.30 per 1,000 gallons (\$4.30 per 3,785.41 liters) for seawater desalination. A typical 10M gallon (daily) plant costs \$100M (USD)



# The Competition - Desalination

## Desalination Power Consumption

- A typical 10M gallon desalination plant consumes 200 million kilowatt hours every day
- At .10 cents per KWH, the power cost can exceed \$20M each day. That's \$2.00 per gallon (.528 cents per liter) in power cost alone!

POWER COST  
**\$2.00**  
PER GALLON  
(.528 Cents per Liter)



# Closing

**Thank you!**

**“For supporting our solutions  
that deliver water across the planet”**