







Mission

HydraBox is a portable, atmospheric water generator designed to unlock **clean, drinkable water directly from air** — anytime, anywhere. Our mission is to deliver water independence to remote, off-grid, and climate-challenged communities worldwide.

The Problem

-  **2+ billion** people lack access to safe drinking water.
-  Infrastructure is costly, centralized, and slow to deploy.
-  Climate change and population growth are intensifying scarcity.
-  Existing AWGs are bulky, power-hungry, and not field-ready.

The HydraBox Solution

A **thermos-sized, solar-powered AWG** that condenses atmospheric moisture into safe drinking water without plumbing or infrastructure.

- ✓ **Portable:** Modular and deployable in minutes.
- ✓ **Efficient:** Runs on AC, battery or solar for off-grid use.
- ✓ **Clean:** Built-in carbon + UV-C purification.

Applications

- Humanitarian aid & disaster relief
- WASH & rural development projects
- Military & field operations
- Outdoor, expedition, and research use
- Consumer off-grid water solutions

Partnership Opportunities

We're seeking collaborations with universities, investors, NGOs, and field organizations to pilot HydraBox and accelerate development in real-world environments.

Air to Drinking Water

HydraBox combines controlled airflow, precise thermal management, and multi-stage purification to produce clean water from everyday air. It's purpose-built for deployments where power is scarce, logistics are hard, and reliability matters.

- **Multi-stage capture & condensation:** Optimized airflow and thermal control maximize yield in a small footprint.
- **Smart power management:** Runs on solar, battery, or AC with automatic budgeting for day/night cycles.
- **Field-ready build:** Rugged housing and user-replaceable consumables minimize downtime.
Purification you can trust: Staged filtration and disinfection deliver potable output.


Development Roadmap


- **2025 Q4:** Finalize V1 prototype (200–500 mL/day)
- **2026 Q1:** Field pilots with NGOs & universities
- **2026 Q2:** File full patent & pre-manufacturing
- **2026 Q3-Q4:** Commercial launch & B2B deployment

About Hydratech Industries

Founded in California, Hydratech Industries is pioneering decentralized water solutions with a mission to make **water independence a universal human right** — one drop at a time.

 **Website:** hydratechindustries.org

 **Contact:** partnerships@hydratechindustries.org

 **Founder:** Izaeyah De La Cerda — Founder & CEO

