







### **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.

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