DripKit - Ambient Water Capture System

DripKit is a compact, modular tool for harvesting clean water from the air - no electricity, no pressure, no infrastructure.

Designed by SightStack Research, DripKit uses passive geometry and radiative cooling to condense dew and light fog into drinkable water. Each panel assembles in minutes, packs into its own container, and produces water overnight using nothing but gravity and the sky.

Ideal for crisis response, off-grid communities, and localized resilience, DripKit is built from cost-effective materials, tested in real-world field conditions, and designed to scale.

50 percent of profits from full-price kits go toward funding donation kits.

Fog mesh components are optional and not included in base models to keep the kit affordable for global deployment.

--- TECHNICAL HIGHLIGHTS ---

- Passive atmospheric condensation
- Produces approximately 0.5 to 2 liters per panel per night in average conditions
- Designed for 1.0 square meter yield per panel (about 4 feet 8 inches per side triangular geometry)
- Snaps to central metal ring for balanced gravity-fed collection
- Compact enough to store in its own collection bottle
- Modular: can be deployed in single units or six-panel hex rings
- Center tension system for optimized drip targeting

- Stakes and fog mesh are modular and sourced regionally

--- AVAILABILITY ---

DripKit is maintained by SightStack Research as an open-source survival and humanitarian design.

Core plans and field notes are hosted on GitHub and updated as field data becomes available.

www.sightstack.ai | github.com/sightstack