

Smart-Linked Integrated Bionic Mosquito Trap Robot

Precision vector management engineered for high-end hospitality, public parklands, and residential communities — 100% chemical-free and powered by IoT intelligence.

NEXT-GENERATION TECHNOLOGY

Traditional chemical fogs and UV bug zappers present toxic residues, harm beneficial pollinators, and remain largely ineffective in bright daylight. TUNTIANWA provides continuous, sustainable 24/7 suppression:

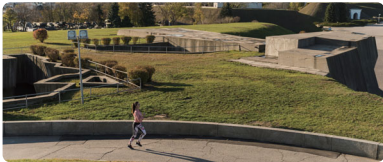
- **Human Respiration Mimicry:** Emits bionic CO2 spectrums and thermal attraction to draw vector mosquitoes day and night.
- **High-Speed Vortex Capture:** Hurricane airflow pulls insects instantly into an anti-escape containment chamber.
- **Eco-Safe & Non-Toxic:** Safe around children, pets, gardens, and delicate water features.
- **Automated IoT Surveillance:** Tracks local vector densities and capture counts in real time.



TECHNICAL SPECIFICATIONS (MODEL: ECOTRAP-100)

Parameter	Specification	Parameter	Specification
Effective Coverage	100 m2 – 200 m2 per unit	Daily Power Usage	~1.0 kWh / 24 Hours
Interactive Display	4.3-inch Capacitive Touch (800x480)	Operating Voltage	AC 220V–240V, 50Hz
Connectivity	Cellular IoT / Cloud Management	Ingress Protection	IPX4 Weatherproof Rating
Dimensions	250 x 260 x 820 mm (Vertical)	Circuit Safety	Short-circuit & Over-current protection

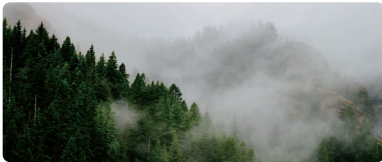
PROVEN COMMERCIAL TRACK RECORD



92% Vector Reduction

Resorts & Golf Clubs

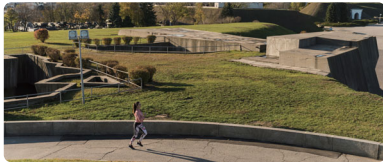
Over 153,000 mosquitoes trapped in 30 days. Restored alfresco dining comfort with zero chemical emissions.



62% YoY Reduction

Campuses & Healthcare

Bite and skin allergy complaints dropped from 12% to under 2%, providing silent, continuous protection.



90% Breeding Drop

Botanical Parks & Public

Boosted outdoor recreational hours by 60%, achieving an outstanding 95% resident satisfaction rate.