

THE ECO VAULT

REDUCING OUR CARBON FOOT PRINT



PRESENTED BY :

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Prepared For :

The future composter



TAWA Compost
Food Rescue



REDUCE ENVIRONMENTAL IMPACT

Food waste is a growing issue, with most of it ending up in landfills where it decomposes without oxygen, producing harmful methane gas. Even sending food waste to a commercial site causes methane and the production of anaerobic bacteria.

Our compost bin ensures there is proper airflow, creating an oxygen-rich environment where food waste breaks down naturally without producing methane. This turns waste into nutrient-rich compost that can be used to improve soil health, while also reducing the amount of waste sent to large scale operations.

By using our compost bin, homeowners and businesses can easily reduce their environmental impact and contribute to a more sustainable future and saving money on hauling costs!

1213-338-0044

633 west fifth street 28 floor Los
Angeles CA 90071



TAWA Compost

www.tawacompost.com

OUR PRODUCT

1. Ventilation System
2. Sleek and Modern Design
3. Easy-to-Use System
4. Durable and Eco-Friendly Materials
5. Odor Control
6. Optional Pick-Up Service- Just like your trash bin!

only

\$1,250

Per Unit



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PROJECT GOALS

The primary goal of the compost bin is to reduce food waste sent to landfills and commercial large scale composting facilities, minimizing harmful methane emissions, and possible contamination from commercial machines into the compost. By making composting easy and accessible, the project aims to reduce costs, encourage sustainable waste management practices for both households and businesses.



Reduce Food Waste Sent to Landfills

- Divert at least 70% of household and business food waste from landfills by providing a convenient and effective composting solution



Minimize Greenhouse Gas Emissions

- Significantly decrease methane emissions by promoting aerobic decomposition of organic matter, preventing the anaerobic conditions that produce harmful gases.



Support the creation of nutrient-rich compost for use in local gardens and agricultural projects, reducing the need for chemical fertilizers and improving soil health.





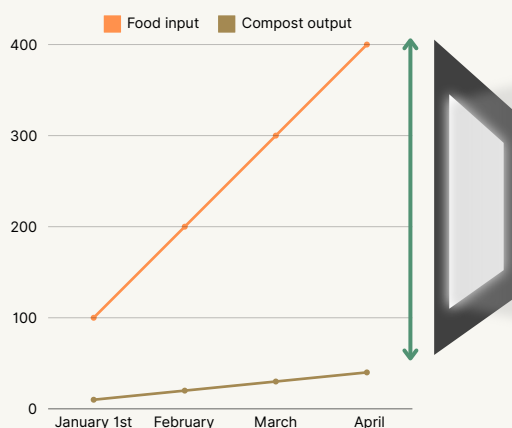
PROJECT CALCULATION

The project calculations estimate the compost bin's ability to convert organic waste into nutrient-rich compost, reducing the need for chemical fertilizers. Additionally, by promoting aerobic decomposition, the bin helps significantly lower methane emissions compared to traditional landfill disposal. These calculations highlight the compost bin's role in both producing valuable compost and contributing to methane reduction.



Compost Output per Household

Compost Output per Household: Calculate the amount of compost produced per household (e.g., 100 lbs of food waste may result in 10-15 lbs of usable compost annually).



Green arrow shows the gap in weight between the initial ingredient weight vs. the final product.



Total Community Methane Reduction

Total Community Impact: Scale up methane reduction calculations for an entire community (e.g., if 500 households adopt the bin, this could prevent 35,000 lbs of methane per year).

REDUCING THE WEIGHT OF
FOOD WASTE LOWERS
HAULING COSTS, ALL
WITHOUT REQUIRING
ELECTRICITY.





MAINTENANCE REQUIRED

Scrub with sponge once a month to keep the unit looking sharp.

*Our goal is to distribute at least
500 bins by 2028.*

**Are you ready?
Call us now.**

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