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Aerobin



ECOLOOP
SOLUTIONS AFRICA

**NEMA
ENDORSED
PRODUCT**

AEROBIN DIMENSIONS

200 LITRE AEROBIN

510mm (W) x 510mm (D) x 1200mm (H) approx
(when assembled)

530mm (W) x 485mm (D) x 550mm (H) approx
(packed for delivery)

Mass 12.5 Kg (empty)

Capacity approximately
200 Lt/ 200 Kg

400 LITRE AEROBIN

740mm (W) x 740mm (D) x 1200mm (H) approx
(when assembled)

750mm (W) x 750mm (D) x 800mm (H) approx
(packed for delivery)

Mass 25 Kg (empty)

Capacity approximately
400 Lt/ 400 Kg

600 LITRE AEROBIN

740mm (W) x 740mm (D) x 1700mm (H) approx
(when assembled)

Capacity approximately
600 Lt/ 600 Kg

THE WORLD'S MOST ADVANCED STATIC COMPOSTER



AVAILABLE IN
**200LT
400LT
600LT**

The Aerobin is a technological breakthrough. It is Odourless, off the grid & requires no additives. The Aerobin makes composting easy and rewarding.

Closing The Loop On Waste.

How many steps does it take to transform your organic waste?

Using the Aerobin is simple: just open the lid, drop your pre-mixed kitchen and garden waste, and close it. That's all there is to it! After a few weeks, you'll have nutrient-rich compost — liquid compost from as early as four weeks, and solid compost from twelve weeks onwards. This compost is perfect for nourishing your kitchen garden, farm, landscaping, or tree nurseries. The solid compost is easily harvested from 2 access doors at the bottom, while the liquid compost, collected through the leachate tube (provided), is rich in nutrients and can be used as liquid fertilizer (dilute with a minimum of 10 parts of water). Compost naturally releases nutrients from organic waste, supporting plant growth and improving soil structure, and water retention.

The Aerobin creates the ideal environment for hot composting, a process that kills common pathogens, suppresses weed seeds, and produces high-quality compost in a short time. The Aerobin's insulated panels help retain internal temperatures, making it suitable for year-round composting. It easily handles daily kitchen scraps such as fruit peels, vegetable cuttings, tea leaves/bags, and coffee grounds, along with yard waste like dry leaves, sawdust, and timber shavings. These materials are essential for supporting the microbial activity needed for compost production.

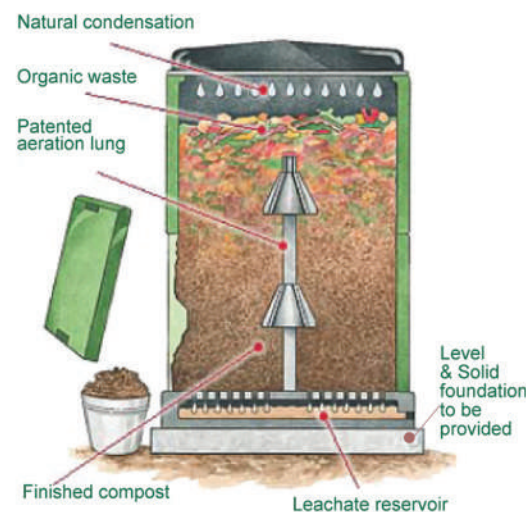
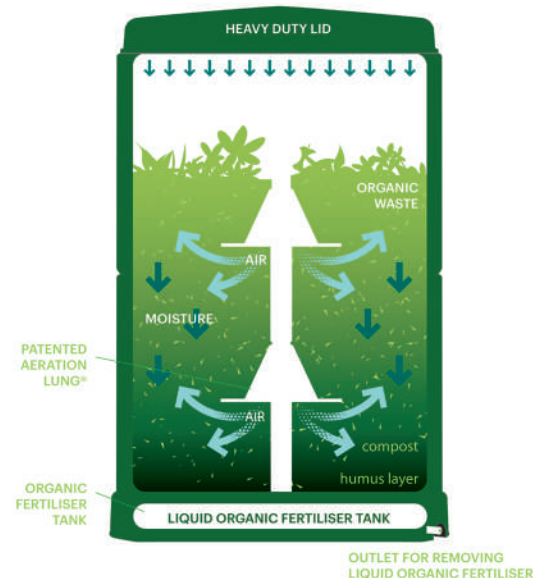
Whether you're in an individual home, apartment, gated estate, a peri-urban farm, or a school garden, the Aerobin provides a clean, easy, sustainable and reliable composting solution.

Quick Facts about the Aerobin

1. Compost organic waste on-site — no transportation required
2. Odor-free process (no smell — aerobic composting)
3. Easy to assemble and disassemble
4. Off-the-grid system (no electricity), no turning, no additives
5. Insulated walls and lid supporting year-round composting
6. Moisture recirculation system
7. Produces liquid compost from 4 weeks onwards, and solid compost from 12 weeks onwards
8. Two access doors at the bottom for convenient access to the compost
9. Helps reduce landfill waste and greenhouse gas emissions
10. Ideal for kitchen gardens, landscaping, and tree planting nurseries
11. Supports circular economy, closed-loop waste system
12. Includes a 3 year warranty on manufacturing defects.
13. 100% BPA Free.

Composting Tips

- Chop bigger organic waste materials into smaller pieces for better and quicker decomposition.
- Maintain a balanced mix of carbon-rich and nitrogen-rich materials to accelerate the composting process.
- Composting without carbon will lead to a stinky, slimy situation.
- Composting without nitrogen will result in an excess of carbon that will just sit there without breaking down.



COMPOSTING GUIDE: GREENS VS. BROWNS

Greens (Nitrogen-Rich Materials)

Purpose: Provide moisture and nitrogen to help break down materials quickly.

Examples of Greens:

- Fruit peels (banana peels, mango skins, avocado peels, etc)
- Vegetable scraps
- Fresh grass clippings (in moderation)
- Coffee grounds and tea leaves (remove moisture)
- Fresh leaves and garden trimmings. (in moderation)

Browns (Carbon-Rich Materials)

Purpose: Helps balance moisture and structure, preventing odors and providing energy for decomposition.

Examples of Browns:

- Dry leaves
- Timber shavings
- Waste cartons
- Egg tray cartons
- Sawdust (from untreated wood)
- Cardboard (non-glossy, no plastic coating)
- Paper towels and napkins (used, non-greasy)
- Small branches/twigs
- Straw and hay
- Corn husks and stalks

NOTE: Avoid seeds and maize cobs