

Average weight/volume reduction	75 - 90%
Processing Method	Multi-stage heat, decomposition & organic waste conversion
Drain requirements	Requires small drain for condensate run-off
Design type	Stand-alone, portable design on wheels
Material	Durable stainless steel (304)
Safety Features	Automated sensing, control and shutdown
Heating Method	Smart multi-stage heat energy & water recycling
Automated control	One-touch automated sensing and control
Odor treatment	Integrated foul odor control and deodorization
Installation	No special installation or ventilation
Treatable items	85% organic food waste * 15% paper / uncoated cardboard
Untreatable items	Metal waste, plastic, glass, petrochemical
Warranty	1 year manufacturer's standard warranty

A new way of treating food waste is here!

OWARECO, LLC

Organic Waste Reduction & Conversion

“Reducing Cost, Reusing Waste, Restoring the Environment”



OWARECO, LLC specializes in organic and food waste management solutions. Our focus is on providing innovative waste reduction and conversion system technologies that assist government agencies, institutions, businesses and municipalities reduce cost and achieve their solid waste diversion goals.

Vision: OWARECO's vision is one where each person, community and nation is committed and proactively engaged in sustainable practices to restore and preserve our environment.

Mission: OWARECO's mission is to actively promote awareness of the importance and benefits of *Reducing* cost, *Reusing* waste and *Restoring* the environment through ongoing education and marketing innovative technologies that effectively reduce organic and food waste.

Strategies: Our primary strategy is to provide cost-effective, innovative and sustainable solutions that assist consumers and help major producers of food and organic waste achieve their sustainability goals.

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**Ecovim™ . . . a sustainable, NET
Zero solution to the challenge of food
waste management.**



“Getting food from the farm to our fork eats up 10 percent of the total U.S. energy budget, uses 50 percent of U.S. land, and swallows 80 percent of all freshwater consumed in the United States. Yet, 40 percent of food in the United States today goes uneaten. This not only means that Americans are throwing out the equivalent of \$165 billion each year, but also that the uneaten food ends up rotting in landfills as the single largest component of U.S. municipal solid waste where it accounts for almost 25 percent of U.S. methane emissions.”

Natural Resources Defense Council (NRDC)

Join us in our quest for a greener environment.

An eco-friendly way to manage and reuse food waste -
 "Brilliant!"



Processes 250* lbs of organic waste: 85% kitchen or dining scraps and 15% uncoated cardboard and paper.

*Model 250



Requires a 220 volt outlet and drain for condensate.

Converts 250* lbs of waste into:

- 25 gallons of potable water
- 25 lbs of 100% sterile bio-mass

*Model 250



Ecovim™ systems convert food waste into a re-usable by-product in a 6 to 23 hour cycle.



- Easy to operate
- Effectively controls food odors
- Reduces organic food waste by 75-90%
- Minimal energy usage
- Minimal installation
- No venting or plumbing required
- No fresh water or enzymes required
- No green house gas emissions
- Reduces waste hauling and trash liner costs
- Converts organic waste into re-usable by-products
- No negative environment damage from TSS or BOD

Ecovim™ product line for small and medium scale use

Ecovim™ Model	Eco 66	Eco 250	Eco 650
Reactor volume (gallon)	17.6 G	52.8 G	198 G
Recommended Volume Capacity	14.1 G	42.2 G	158.4 G
Input weight capacity	66 lbs	250 lbs	650 lbs
Treatment time	6-9 hrs	14.3 hours	18-21 hrs
Power consumption	1.8 kWh	3.0 kWh	8.0 kWh
W*D*H (inch)	31.5*27.6*31.5	45.2*39.4*41.4	63.0*49.6*60.2
Input door size (inch)	11.0*15	13.0*17.7	14.2*21.7
Shipping Dimensions	39.4*39.4*41.4	49.2*47.2*49.2	70.9*57.5*64.2
Weight (lbs)	369 lbs	705 lbs	1433 lbs
Power Rated	3.8 kW 20 amp	7.8 kW 30 amp	15 kW 75 amp
Power electricity	220 single phase	208 / 220 V three-phase "wye wired" (4 wire)	

Ecovim™ product line for large scale use

Ecovim™ Model	Eco 1100	Eco 2200	Eco 3300
Reactor volume (gallon)	377.7 G	739.7 G	1188 G
Recommended Volume Capacity	302.2 G	592.8 G	951.1 G
Input weight capacity	1100 lbs	2200 lbs	3300 lbs
Treatment time	18-23 hrs	20-23 hrs	20-23 hrs
Power consumption	11 kWh	16-20 kWh	20-23 kWh
W*D*H (inch)	86.6*57.1*68.9	110.3*70.8*74.8	130*78.7*82.7
Input door size (inch)	15.8*23.6	19.7*27.6	19.7*27.6
Shipping Dimensions	96.5*66.9*72.8	114.2*78.7*84.7	137.8*90.6*92.6
Weight (lbs)	2469 lbs	4100 lbs	5952 lbs
Power Rated	22 kW 100 amp	35-45 kW 150 amp	45-50 kW 200 amp
Power electricity	208 / 220 V three-phase "wye wired" (4 wire)		