

ECOVIM®

Better Environment through Food Recycle Science



ECOVIM® is a high speed onsite food waste treatment system that decomposes food wastes, food scraps, and other organic biomasses in 7 ~ 20hours in most cases. The system converts those food waste into small organic particles, reducing the weight by 80~90%¹ in most cases.

This revolutionary treatment technology allows ecologically recyclable end products, which can be used as environmental friendly organic soil amendments². The system is easy to install and designed to work as a stand-alone unit indoor or outdoor without requiring any special installation, such as piping or ventilation. No environmentally harmful enzymes, microorganisms or additives are used in the treatment process.

The system incorporates proprietary Smart Recycler technology that closely monitors and feedbacks the operation process using multi-stage, energy recycle design to minimize the energy loss. All ECOVIM® systems incorporate unpleasant odor control system that allows placement of the system next your workplace free from the foul odors.



EN-100W

The result could vary, depending on the nature and amount of the waste. The result is based on the average kitchen waste that contains adequate amount of water (typically 10% or more) in the food waste.

The food waste should not contain environmentally harmful contents and no treatable items, such as plastics materials to be used as soil amendments.

ECOVIM® is a trademark of Environment & Natural Ideas Company.

SPECIFICATION* EN-30W

EN-30W is designed for the use in small to medium scale restaurants, fast-food franchises and small food preparation facilities in schools and cafeterias. It can process 10~30kg (22 ~ 66 lbs) input load of food waste.

Like other EN product lines, the system does not require any special installation, hook-ups, or ventilation. No enzymes or additives are required. Simply connect to the electrical outlet and the system is ready to operate. The one-touch control is fully automatic, sensing the status and providing feedback and control of the operation without pre-setting the timer.



EN-30W	
Processing method	Multi-stage indirect heat & dry decomposition process
Design type	Stand-alone, portable design
Input capacity (kg / lbs)	~ 30 kg (~ 66lbs)
Average reduction rate	80 ~ 90%
Treatment time	6 ~ 9 hr
Power (Electricity)	Single -phase, 30 Amp AC 220V * 50/60Hz, 3.8 kw
Power consumption	1.8 kwh
Dimension (W*D*H, mm)	800 * 900*1,090
Shipping Dimension (N/Weight)	1,020 * 920 * 1,300 (180 Kg)
Material	Stainless Steel 304
Safety feature	The internal agitator automatically stops when the hopper door is open
Heating method	Indirect multi-step heat & air recirculation
Automated control	One-touch smart control panel that automates sensing and control of the process
Odor treatment	Integrated deodorization & foul odor control
Installation	No need for special installation or exhaust ventilation
Treatable items	Vegetable, fishes, breads, meats, animal fine bones and most compostable organic biomass
Untreatable items	Metal waste, plastic, glass, petrochemicals..
Warranty	1 year manufacturer's standard warranty

* Specification is subject to change without notice.



EN-30W



EN-100W



EN-300W



EN-500W



EN-1000W



EN-500LW



Organic particle samples
after treatment