



# Food Waste Decomposition Systems

ENVIRO  PURE  
SYSTEMS

Operationally Solid.  
Environmentally Sound.  
Economically Smart.

Fully automated, hyper-accelerated food waste decomposition systems providing rapid break down and elimination of food waste on-site at the source.



ENVIRO  PURE  
SYSTEMS

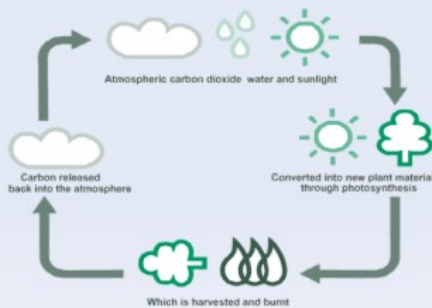


Made  
in the  
USA



## Did You Know?

According to the EPA & USCC carbon dioxide emissions generated from the aerobic decomposition of food waste, in systems such as EnviroPure systems, is considered to be “biogenic” or carbon returning to the environment as part of the natural carbon cycle and so does NOT contribute to greenhouse gases and global warming.



## ENVIROPURE SYSTEMS for Organic Food Waste

### The Food Waste Problem

Organic waste represents the largest part of our garbage that still ends up in landfill. Every day, institutional and commercial kitchens across North America generate over 120,000,000 lbs of food waste. According to the EPA more than 97% of this food waste ends up in landfill where it produces harmful methane gas. The economic and environmental impact of this fact is staggering. Consider:

- ① Methane from rotting food in landfill accounts for over 20% of all emissions annually. Methane is a potent greenhouse gas (GHG) that is 21 times more harmful than CO<sub>2</sub> to the environment.
- ② At an average of just 4-7 miles per gallon, garbage trucks burn huge amounts of fossil fuels and generate large volumes of GHGs to pickup and transport our food waste.
- ③ The economic cost for the pickup, transport and disposal of this food waste is estimated at over \$1.2 billion annually in North America.

### The ENVIROPURE Solution

The ultimate solution to dealing with food waste is to reach a zero waste state where we no longer throw away food. While we continue to work towards that goal, EnviroPure systems offer a simple, easy to implement and economically attractive alternative today: self-contained, small foot-print, *aerobic* food waste decomposition systems that eliminate food waste on-site, at the source where it is generated.

- ① **Operational Efficiencies & Savings:** Eliminate odors and related sanitation, vermin and insect control requirements. Improve workflow and workplace safety.
- ② **Reduced Environmental Impact:** Diversion from landfill. No potential for ground water contamination. No methane or GHGs from pickup, transport and disposal process.
- ③ **Bottom Line Benefits:** Immediate and significant savings through reduced pickup, hauling and disposal costs.



# Food Waste Decomposition Systems



## Dual Technologies. One Result.

ENVIROPURE offers two different technologies designed to meet the needs of *your* operational environment.

- EPW Wet Systems break down the food waste in a submersed water-based environment producing a gray water bi-product that meets or exceeds regulatory standards for safe disposal into municipal waste water systems.
- EPD Dry Systems use a substrate based evaporative decomposition process to rapidly convert food waste into a nutrient rich compost material suitable for re-use in landscaping and agricultural applications. Reductions of 1000:1 in food waste volume by weight can be achieved over the processing cycle of the system.

Both systems use our proprietary all-natural, biodegradable BioMix™ additive (NOT bacteria or enzymes) to accelerate the decomposition process, resulting in complete elimination of food waste in 24-48 hours. Processing capacities range from 200-2200 lbs per day in both batch and continual feed modes.

## How It Works

EnviroPure systems work through a combination of continuous mechanical processing of the food waste, tightly controlled environmental conditions to maintain aerobic decomposition, and hyper-acceleration of the decomposition process through the addition of BioMix™ additive.



## Made for IC&I Customers

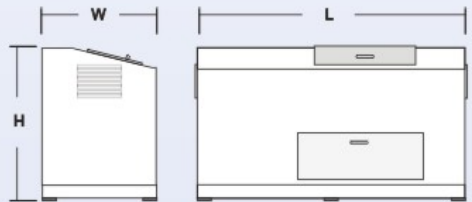
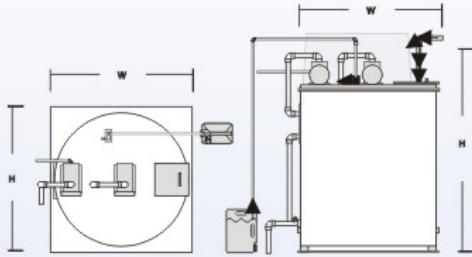
EnviroPure systems are ideal for industrial, commercial and institutional kitchens that generate large volumes of organic food waste.

- Hotels and Resorts
- Hospitals
- Nursing and Retirement Homes
- Universities and Colleges
- Corporate and Factory Cafeterias
- Casinos
- Cruise Ships
- Prisons and other secure facilities
- Stadiums and sporting venues
- Food processing plants





## System Specifications



MODEL	CAPACITY		DIMENSIONS			POWER		
	Wet Systems		Length	Width	Height	Volts	Phase	Amps
EPW-120	120	1.7	3' 7"	3' 7"	5' 0"	220 v	3 Ph	30 A
EPW-240	240	3.3	5' 2"	5' 2"	6' 0"	220 v	3 Ph	30 A
EPW-360	360	5.0	6' 4"	6' 4"	6' 0"	220 v	3 Ph	40 A
EPW-480	480	6.6	6' 4"	6' 4"	7' 0"	220 v	3 Ph	40 A
EPW-600	600	8.3	6' 4"	6' 4"	7' 10"	220 v	3 Ph	40 A
EPW-720	720	10.0	6' 4"	6' 4"	9' 4"	220 v	3 Ph	40 A
EPW-1000	1000	13.8	7' 1"	7' 1"	7' 10"	220 v	3 Ph	40 A
EPW-1500	1500	20.7	7' 1"	7' 1"	9' 4"	220 v	3 Ph	40 A
EPW-2000	2000	27.7	7' 10"	7' 10"	9' 7"	220 v	3 Ph	40 A

MODEL	CAPACITY		DIMENSIONS			POWER		
	Dry Systems		Length	Width	Height	Volts	Phase	Amps
EPD-220	220	3.0	7' 2"	3' 1"	4' 0"	220 v	3 Ph	30 A
EPD-440	440	6.1	8' 10"	3' 7"	4' 0"	220 v	3 Ph	30 A
EPD-660	660	9.1	9' 5"	4' 2"	4' 0"	220 v	3 Ph	40 A
EPD-880	880	12.2	10' 0"	4' 6"	4' 0"	220 v	3 Ph	40 A
EPD-1100	1100	15.2	14' 8"	8' 0"	8' 0"	220 v	3 Ph	40 A
EPD-2200	2200	30.4	17' 0"	8' 0"	8' 0"	220 v	3 Ph	40 A

As an authorized EnviroPure dealer we take the time to ensure we understand the needs of your business *before* we recommend or install one of our systems. Every installation is custom designed to meet the operational and workflow constraints of your business to ensure you achieve maximum efficiencies and cost savings from your investment.

## Installation Requirements

- ⦿ 220 volt 3-phase power with cutoff switch within 6 feet (2 m) of install location
- ⦿ Access to cold water supply within 10 ft (3 m) of install location (EPW only)
- ⦿ Access to drain or waste water hook up within 15 ft (5 m) of install location (EPW only)
- ⦿ Minimum 1 foot (30 cm) clearance on all sides of system
- ⦿ Optional indoor / outdoor installation (may require additional insulation depending on location)
- ⦿ Custom feeder systems, loading chutes and lifter configurations available.

Images provided in this brochure are for illustrative purposes only. System specifications are subject to change without notice. Certified in compliance with ANSI Regulation Z245.2, OSHA and CCOHS standards. Systems must be used in accordance with manufacturers published operating procedures and all applicable regulations and standards.

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