A MORE EFFECTIVE APPROACH TO FOOD WASTE
INTRODUCING A REVOLUTIONARY SOLUTION FOR ORGANIC FOOD WASTE DISPOSAL.

Now there’s a way to transform 100% of your facility’s organic food waste into environmentally safe grey water in 24 hours or less — all with no odors, no sludge buildup and no required system cleanouts. EnviroPure food waste disposal systems provide rapid, on-site breakdown and removal of food waste through a combination of continuous mechanical processing, tightly controlled aerobic decomposition and a proprietary micronutrient additive.

With EnviroPure, you get a custom-designed, fully organic and easy-to-operate system that fits seamlessly into any supermarket, commercial or industrial kitchen — delivering worry-free disposal for years to come.
TAILORED TO YOUR UNIQUE OPERATION.

From overflowing trash bins to unpleasant odors and pest infestations, facilities with high volumes of food waste experience a wide range of inconvenient and potentially costly issues. EnviroPure makes food waste disposal more efficient and more sanitary while also saving labor and reducing the risk of employee injury.

DEVELOPED TO REDUCE YOUR CARBON FOOTPRINT.

Of all the garbage that ends up in our landfills, organic waste represents the largest portion — nearly 30%. EnviroPure not only helps increase your diversion rate — it helps take polluting waste management trucks off the roads.

DESIGNED TO ELIMINATE HAULING COSTS.

In North America alone, the economic impact of picking up, transporting and disposing of food waste tops $1.2 billion annually. EnviroPure provides immediate relief to facilities by cutting out these costly pickup and hauling fees while delivering an average ROI of just two years or less.
EnviroPure is designed for easy integration — and that’s critical when you need a food waste disposal solution that fits seamlessly into your facility’s space and workflow. Each unit is custom-configured with your operation in mind, allowing you to choose the right feed option and capacity for your needs. It’s versatile enough to break down vegetables, fruits, meat, fish, poultry and dairy products — and even powerful enough to break down bones, shells and pits.

No matter the size or scope of your operation, EnviroPure is ideal for any commercial or institutional facility that produces high volumes of organic food waste.

FROM CAFETERIAS TO CRUISE SHIPS. AND EVERYTHING IN BETWEEN.

Capacity Ranges
EnviroPure’s processing capacity ranges from 300–20,000 pounds per day (depending on unit size), making it the ideal food waste disposal solution for a wide range of facilities.

300–20,000 lbs. per day

Automatic Operation
With intuitive controls and automatic operation, employees can simply turn on the EnviroPure system and add food waste through either continuous or batch feed — minimizing the risk of injury from repeated, strenuous trips to the dumpster.

Remote Feed Options
EnviroPure is available with remote feed options, allowing it to be used with almost any grinding system found in today’s commercial kitchens. This space-saving configuration keeps the work area free and clear, as the actual disposal system can be located in another room or on another floor altogether.
Each day, institutional and commercial kitchens across North America generate more than 120 million pounds of food waste — totaling more than 70 billion pounds annually. So where does all that food waste end up? According to the EPA, more than 97% of it goes straight to the landfill, where it contributes to the production of methane gas.

In addition, the process of transporting all that food waste only compounds the problem even more. The emissions from garbage trucks generate countless volumes of greenhouse gases through the burning of fossil fuels.

With EnviroPure, your facility can completely eliminate landfill-bound organic food waste once and for all. It’s the clear choice for meeting your company’s immediate sustainability goals as well as Zero Waste Zone requirements, which are becoming more common in a growing number of major cities each year.

**Meeting Today’s Standards**

The grey water effluent byproduct released by EnviroPure meets today’s latest standards for disposal into municipal wastewater sewer systems, with safe levels of BODs, FOGs and TSS.

**An All-Natural Process**

EnviroPure’s proprietary BioMix™ compound is automatically added to the vessel during breakdown, helping accelerate the food waste decomposition process. But unlike non-organic solutions found in other systems, it doesn’t promote coagulation of effluent that can clog sewer lines. Its all-natural, non-toxic combination of vitamins, minerals and amino acids is 100% environmentally safe.

EnviroPure systems are custom-configured to your facility’s operational workflow.
When you add up all the ways EnviroPure helps you save — including an ROI of two years or less — it’s no surprise that facilities everywhere are taking advantage of this revolutionary system.

With fewer trips to the dumpster, you save valuable time and labor while minimizing the risk of injury to employees.

With no need to store accumulating food waste between pickups, you save space while keeping your facility more sanitary.

And because EnviroPure is designed to reduce your facility’s impact on the environment, you save water and energy compared with other food waste disposal solutions while also eliminating harmful methane gas emissions created when organic waste ends up in the landfill.

Save Thousands Annually

The cost of sending your facility’s food waste to the landfill can be staggering. In fact, the total impact on your bottom line can top nearly $200 per ton when you factor in tipping fees, fuel surcharges, bin rentals and taxes. By eliminating those pickup and hauling costs, EnviroPure can save the typical facility tens of thousands of dollars annually.
EnviroPure’s efficient disposal process begins the moment food waste enters the system, beginning with a mechanical breakdown of the waste via grinding and pulverizing. This increases the surface area of the waste, helping accelerate decomposition.

Once the food waste is broken down into significantly smaller pieces, it enters the vessel where a process similar to the combination of digestion and wastewater treatment begins. Because most of the water used comes from the food itself, EnviroPure requires only a very limited amount of additional water from your facility’s supply — saving resources and money.

As the treatment process continues, EnviroPure periodically adds the BioMix micronutrient solution, providing for a more rapid breakdown of the food waste. After stirring and settling, most of the food waste particles are small enough to pass through EnviroPure’s self-cleaning filter system. If any larger particles remain, they are held back for further processing before passing through. The resulting effluent then exits the system as environmentally safe grey water.

**MONITOR THE PROCESS REMOTELY**

With EnviroPure’s remote monitoring capabilities, staff can easily troubleshoot and keep track of working components, as well as the level of BioMix in the system, the amount of food waste processed and even the calculated carbon footprint reduction for your facility — all without physically being at the unit.
SPECIFICATIONS

All EnviroPure units are manufactured to your facility’s exact needs and are available in a range of capacities, along with optional additional specifications (based on type of food waste, volume and location).

**iSeries**

The iSeries from EnviroPure is ideal for smaller facilities, featuring a trough feed grinding/sorting table, or a remote grinder up to 200 ft away.

300i • 500i • 800i • 1000i • 1500i • 2000i

**GTi Series**

The GTi Series from EnviroPure includes a bulk feed grinding station, which allows it to handle very large volumes of food waste. In fact, the GTi Series can process a 32-gallon container of food waste at one time.

300GTi • 500GTi • 800GTi • 1000GTi • 1500GTi • 2000GTi

**SYSTEM NAME** | **LBS per day** | **MEALS per day** | **WATER gal/hr** | **GRINDER style**
--- | --- | --- | --- | ---
**iSeries** | 300-2000 | 950-6000 | 1.1-15.8 | sink-trough table
**GTi Series** | 300-2000 | 950-6000 | 2.0-19.0 | bulk feed

*Custom units available up to 20,000 lbs per day upon request.

**INSTALLATION REQUIREMENTS**

- 220 volt 3-phase power with cutoff switch (within 6 ft/2 m of installation location)
- Access to tempered water supply (within 10 ft/3 m of installation location)
- Access to drain or waste water hook-up within 15 ft/5 m of installation location
- Minimum 12 in/30 cm clearance on two sides of system
- Optional indoor/outdoor installation (may require additional insulation depending on location)
- Custom feeding systems, loading chutes and lifter configurations are available

**ABOUT ENVIROPURE SYSTEMS**

As a T&S Brass company, EnviroPure is building on more than 60 years of trusted foodservice innovation — a legacy strengthened by T&S’ continuing focus on water and energy conservation. Every EnviroPure food waste disposal system is proudly made in America at the T&S Brass manufacturing facility in South Carolina.