



The **Eco-Safe** Digester is
a **cost-effective**
technology solution
for **food waste.**



The Eco-Safe Digester

The Aerobic Digestion Process

- Oxygen, Temperature and Water present in the process
- NO chemicals used
- NO airborne contaminants present
- NO solids are generated that need to be handled

Biological micro-organisms turns the food waste into “grey water”

Safe discharge to sanitary sewer lines

Continual Feed, Not Batch Feed

On-Board Scale

- Machine weighs all food put in and tabulates it daily, weekly, and monthly



Operating the Digester

1. Sort and collect the food waste.
2. Open the hatch and throw the food waste into the digester.
3. Close the hatch and walk away.

Useful Tips:

It is best to feed the machine when the light is “green”

Feed your unit periodically throughout the day ideally in 50-100lb. increments







Use your unit for as many hours possible. The unit will continue to digest food as long you add it – there is no actual daily limit

Do not add any inorganic material or chemicals

Do not press any buttons, the unit is totally automated







Feeding the Digester

YES

All Meat (raw or cooked)
All Fish and Shellfish (raw or cooked)
All Fruit and Vegetables
All Bread, Cakes and Pastries
All Prepared Foods
All Dairy Products
All Other: Egg Shells, Coffee Grinds, Pasta, etc.

NO

Big Bones or Fat Trimmings
Clam or Mussel Shells
Pineapple Tops or Corn Husks
Raw Bread Dough
Packaging of Any Sort
Fryer Oil, Hot Soup, Frozen Items,
Twist Ties, Rubber Bands, Plastic Bags, Gloves,
Paper, Cardboard, Glass, Cans, Silverware

- ❖ Small amounts of raw bread dough are OK, large amounts should be avoided.
- ❖ Frozen items should be thawed, hot items should be cooled before being added.

Understanding the Traffic Light

GREEN LIGHT

It is best to feed the machine when the light is “green”. The green light signals the user that the drum has plenty of room inside and can accept more food waste.

YELLOW LIGHT

The yellow light signals the user that the feedings should be slowed down. The drum is nearing full capacity and should be allowed to digest what is inside. As food is digested the traffic light will automatically turn green.

RED LIGHT

The red light signals the user that the machine was overfed and needs to be left undisturbed for a period of time to digest what is inside.



Maintaining the Digester

- Visually inspect the inside for in-organic materials daily
- Inspect the paddle arms daily. Report any loose bolts to your supervisor
- Check the mixing valve gauge to be sure the temperature is between 85-120° F
- Do not leave the hatch door open for extended periods of time
- Replenish and replace necessary supplies when needed:
 - Microorganisms every 60 days
 - Plastic or wood media every 6 months
 - Deodorizer tank as needed (4:1 ratio. 4 parts water to 1 part liquid concentrate)

*** If you have purchased an annual service contract, your service provider will perform these services except for filling the deodorizer tank as needed.**
- Keep the machine clean
 - Clean the outside of the machine with a soft towel and stainless steel cleaner or Windex
 - Wipe down the inside door hatch rim
 - Hose down the inside of the machine daily
 - Do not hose down the outside of the machine



When you **invest** with us
you **get** more than a **digester.**