

LFC Brief

Biodigester family



About

A biodigester uses a series of aerobic processes in which microorganisms break down food waste into water.

The LFC biodigester is a premier on site organic waste management solution used by cruise ships, hotels, resorts, cafeteria, and many global companies.

It is a fully enclosed automatic biodigester that digests most food waste within 24 hours and outputs water that can be safely discharged into sewage systems.

Designed, developed, and assembled by Power Knot in Silicon Valley, California. Machines are available for land and marine applications.

Benefits

- Digests food waste on site at your facility
- Converts all waste to water which can be safely discharged into sewage systems
- Eliminates cost of other disposal methods
- Removes need for transportation of food waste off site
- Reduces size, quantity, and smells of trash bins
- Eliminates insects and rodents that may be attracted to garbage bins containing waste food
- Runs continuously to avoid the accumulation of waste
- Complies with local regulations for safe disposal of food waste
- Leaves no residue that needs to be disposed of
- Improves operations by eliminating the need to store organic waste
- Saves time and injuries of employees carrying rubbish outdoors
- Three year warranty combined with local service and support¹



Features

- Available in nine different sizes to digest from 10 kg to 6000 kg (22 lb to 13200 lb) per day²
- Low operating costs for utilities and consumable items
- Aerobic digestion provides quiet and odor free operation
- Easily installed with standard plumbing and electrical connections
- Usually situated in kitchens and work areas
- Easily used by existing staff
- Color touch screen interface
- Weight of waste is continuously monitored and reported — shows statistics on usage and waste food digested
- Incorporates comprehensive diagnostics and service schedules
- Connects to the cloud so statistics on usage, diagnostics, and service schedules can be monitored remotely
- First and only NTEP certified biodigester on the market
- Optional NFC card add-on to identify the user, source of the waste, or the type of waste

¹ Warranty is subject to terms and conditions.

² Maximum capacity is determined by type of waste and frequency of feeding.

