



greasezilla

**Refine.
Reduce.
Reuse.**

Downey Ridge Environmental Company

GreasezillaSM fats, oil & grease (FOG) separation systems

Greasezilla'sSM patented separation technology solves FOG treatment and disposal challenges worldwide. GreasezillaSM systems produce an advanced biofuel (Brown Grease) with a moisture content of less than 1 percent. GreasezillaSM offers an ecological and profitable alternative to chemically treating, lagooning, landfilling, incinerating, or dumping FOG waste.

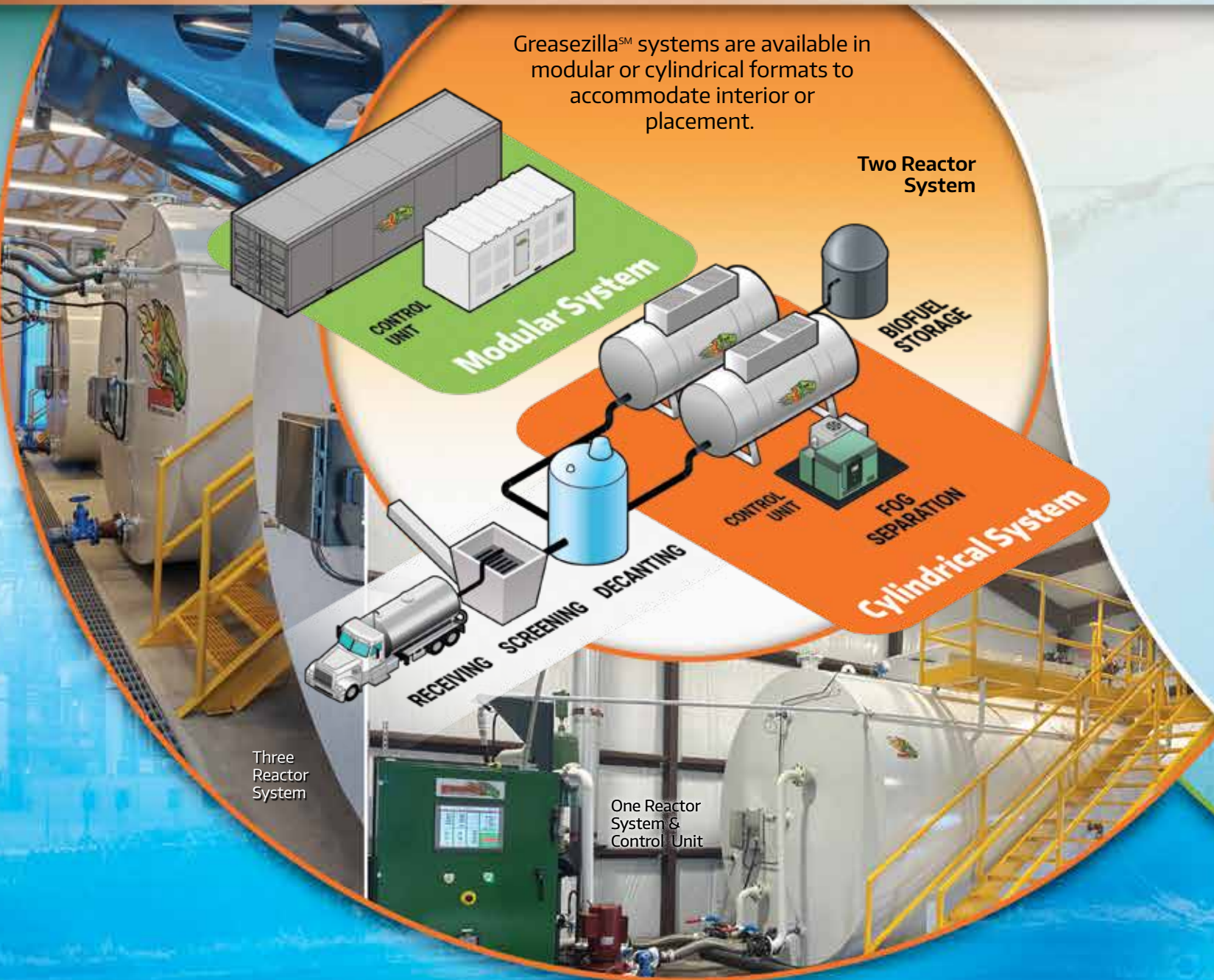


Modular System

Modular System Control Unit

GREASEZILLASM PROCESS FLOW

GreasezillaSM systems are available in modular or cylindrical formats to accommodate interior or placement.

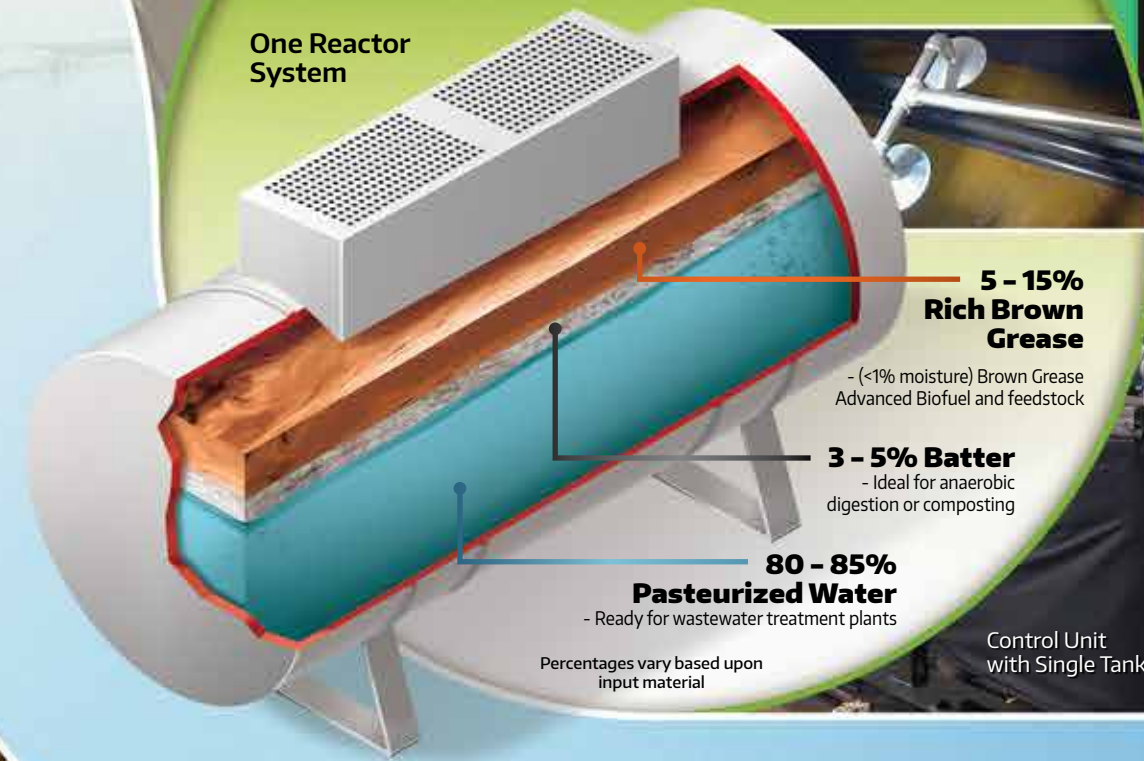


STAGES OF FOG SEPARATION

Screening Station

The hydronic thermal process circulates through the grease trap waste, promoting stratification, and producing valuable brown grease advanced biofuel (ABF).

One Reactor System



PLC Screen



Control Unit with Single Tank

- Divert FOG from the waste stream.
- Reduce waste disposal expenses.
- Create new revenue.
- Run a cleaner, more eco-friendly operation.



GreasezillaSM solves FOG treatment and disposal challenges worldwide.



Modular System

Two Tank System

Control Unit

Modular System with Control Unit

Simple to Integrate

- Allen Bradley® Programmable Logic Controller
- SCADA integration for remote monitoring
- Scalable and modular to meet changing needs

Ecological

- Captures FOG in waste streams
- Recovers a low carbon intensity brown grease advanced biofuel (ABF), used as a feedstock for renewable diesel, and sustainable aviation fuel
- Burns a small fraction of the advanced biofuel it produces to fuel the separation process

Cost-Effective

- No expensive polymers or additives
- Significantly reduces costs associated with FOG treatment and disposal
- High EBITA / Quick ROI
- Assured revenue from sale of brown grease

Industry Advantages

- Promotes best practices to protect sewer infrastructures and plant headworks
- Manages entire FOG handling process
- Offers biofuel producers a low carbon intensity, cost-effective feedstock eligible for RIN credits under the Renewable Fuel Standard



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