Specifica
G2E-1 /

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 09/01/17

grind 2 energy™
Organics Recycling System

The Organic Recycling System that helps the environment while making kitchen cleanup easier, improving hygiene and lowering your waste disposal costs.

Simplifies kitchen cleanup
Reduces labor-intensive hauling of heavy food waste bins and lifting them into the dumpster

Improves sanitation
Food waste slurry is held on-site in a sealed tank, improving hygiene, reducing odor and pest problems

Tank monitoring
No staff supervision required to check tank level. Once the tank is 80% full a light will illuminate on the control panel indicating its time for pickup. When the fill level reaches 95% full, the system will shut down. This keeps the system from overfilling the tank

High-capacity operation
Processes the food waste as fast as you can feed it

Dry-grind technology
Regulates flow to use the least amount of water needed to transport food waste down to 1 gpm

Dependable performance
Stainless steel construction, full one-year warranty

Sealed operation
NEMA 4X, IP-66 weather-tight non-metallic control panel

Submittal Sheet

The revolutionary Grind2Energy™ organics recycling system by InSinkErator® is a non-sewer food waste recycling system.

Grind2Energy grinds food waste into a slurry and transfers it to a storage tank, which is then collected by a liquid waste hauler and taken to an anaerobic digestion facility where it is processed into renewable energy.

Specification

Model _____ Grind2Energy System grinds food waste into a slurry and transfers it to a storage tank with minimal water. System includes a stainless steel table, a 10 Hp InSinkErator grinding unit capable of processing the food waste as fast as you can feed it at _____ volts. Also included is a NEMA 4X control, siphon breaker, solenoid valve, flow control valve and hose connection. System is pre-wired and pre-plumbed so the only connections needed are one electrical, one cold water supply and one drain (between system and tank).

The holding tank has a capacity of _____ gallons

An optional pump can be added to the system to transfer the ground slurry for those locations where the tank is further than 30 feet away or when lifting slurry above the table level.

Specifications

MODEL	G2E-1	G2E-2
Type of Feed	Continuous	
On/Off Control	Control Switch	
Motor	Three Phase	
Reversing	De-Jam System	
HP	10	10
Volts	208-230	460
Hz	60	
RPM	1725	
Amps (Average load)	13.0 / 14.5	7.2
Unit Finish	Stainless Steel	
Motor Protection	Manual Reset Overload	
Water Inlet	1/2" NPT	
Discharge	2" NPT	
Shipping Weight (Approx.)	300 lbs / 136KG	
Shipping Weight with Pump (Approx.)	410 lbs / 186KG	

Check List

- ☐ 208-230V, 60Hz 3ph
- ☐ 460V, 60Hz 3ph
- ☐ Progressive Cavity Pump
- ☐ Tank (to be sized by application engineer)

Warranty

1 Year parts and service.

The complete InSinkErator warranty is included in the installation manual packed with each unit.

insinkerator®

ISO 9001 QUALITY SYSTEMS CERTIFIED

MADE IN USA™

c UL us

EMERSON
Commercial & Residential Solutions

InSinkErator Division
Emerson Electric Co.
4700 21st Street
Racine, WI 53406-5093 USA

800-845-8345
www.grind2energy.com

G2E003-13K-06-02

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Specifications
standard pa

CITY OF PORTLAND, MAINE
RESURGAM
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Specifications
package with progressive cavity

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progressive cavity pump option 2,500 gal./min. 9464 L/min.

Optional progressive cavity pump rated 2,500 gal/min 9464L/min.

Used for locations where tank is over 30 feet away or when lifting ground slurry above disposer level.

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Specifica

Tank c

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Horizontal 1600 GAL. / 6057 L Shown

Vertical Cone Bottom 2500 GAL. / Shown

Vertical Flat Bottom 2500 GAL. / 9464 L Shown

Vertical 1500 GAL. / 5678 L Shown

Tanks will be sized by an InSinkErator application engineer

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