

HUNGRY GIANT WASTE SYSTEMS

BIO-DEHYDRATORS

Rent, Lease or Buy

Starting from \$195* pw/ up to 1750 lbs p/week

MODEL: HGF-250ML

Make food waste easy to process with our bio-dehydrator. Use it as a soil amendment, send it to a compost facility, or dispose of it responsibly. Your choice!

Load your food waste into the machine where it is macerated and heated to a point where the moisture is extracted from the reactor drum. The machine then condenses the steam and discharges a clear water condensate (no total suspended solids!). The remaining dry output is 70-90% volume-reduced, inert, pathogen-free, compostable product with a variety of uses.

This is our most common model. It's a great fit for most commercial kitchens, being able to handle 250lbs of food waste per cycle.

Optionally you can add our Bio-Grinder to this, and you could get up to 500lbs per cycle. Average cycle time is 12-17 hours or approximately 110 covers per hour.



MODEL	HGF-250ML
Cycle Times/Full Load (capacity per cycle)**	1 Cycle 250lbs/100kg 12-14hrs
Possible Cycles Per Day**	1.5-2
Approximate Capacity per day (full 24 hours) **	350lbs/160kg
NOTE: CYCLE TIME WILL VARY FROM LOAD TO LOAD DEPENDING ON THE MOISTURE CONTENT OF THE FOOD WASTE	
Depth	40.7in/1034mm
Length/Width	43.42in/1103mm
Length/Width W/Lift	NO LIFT
Height	43.46in/1104mm
Height W/Lift	NO LIFT
External Condenser Size (L x W x H)	X
Drum Volume	40.94gal/155Liters
Net weight of unit	881lbs/400kg
CFM output radiator	804.4CFM = 24CMM
Delta T	86F/30c
BTU/hr = 1.08 x CFM x ΔT	74712
Converted to kW	21.9

CAPACITY: 250lb/100kg (per cycle)

LENGTH: 43in/1103mm

DEPTH: 41in/1034mm

HEIGHT: 43in/1104mm

CYCLE TIME: 12-14 hours

*Rental is approximate, with 10% balloon, over 60 months. Excludes delivery, installation, training, optional extras, for those WAC. Third party equipment financiers will assess credit risk. Figures may vary.

Note: figures may vary due to psychrometrics as air density (height above sea level), air temperature, humidity etc.

Note: Specifications of all models may be changed without prior notice

** ML designates "Manual Load" **AL designates "Automatic Load"

** Approximate capacity daily and capacity per cycle is a range and not to be construed as an exact calculation as the bio reactor drums are a fixed volume, but density and moisture content of food waste varies.

** If food waste is pulped and dewatered, processing times will improve and increase daily capacity of units.

** 1CMM = 1CFM * 35.3/1CMM = 35.3CFM

HUNGRY GIANT WASTE SYSTEMS LLC

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