

HUNGRY GIANT WASTE SYSTEMS

BIO-DEHYDRATORS

Rent, Lease or Buy

Starting from \$110* pw/ up to 500lbs p/week

MODEL: HGF-70ML

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 smallest model. You can perform two cycles per day, or approximately 30 covers per hour.



CAPACITY:	70lb/30kg (per cycle)
LENGTH:	32in/802mm
DEPTH:	30in/752mm
HEIGHT:	38in/971mm
CYCLE TIME:	9-11 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

MODEL	HGF-70ML
Cycle Times/Full Load (capacity per cycle)**	1 Cycle 70lbs/30kg 9-11hrs
Possible Cycles Per Day**	2
Approximate Capacity per day (full 24 hours) **	140lbs/65kg
NOTE: CYCLE TIME WILL VARY FROM LOAD TO LOAD DEPENDING ON THE MOISTURE CONTENT OF THE FOOD WASTE	
Depth	29.6in/752mm
Length/Width	31.57in/802mm
Length/Width W/Lift	NO LIFT
Height	38.22in/971mm
Height W/Lift	NO LIFT
External Condenser Size (L x W x H)	X
Drum Volume	14.53gal/55Liters
Net weight of unit	440lbs/200kg
CFM output radiator	706CFM = 20CMM
Delta T	86F/30c
BTU/hr = 1.08 x CFM x ΔT	65573
Converted to kW	19.2

HUNGRY GIANT WASTE SYSTEMS LLC

2007 Kramer Ln Ste 103, Austin, TX 78758, USA // PO Box 161491 Austin Texas 78746 USA

Phone: +1 877-211-8472 // hungrygiantrecycling.com