

FWS

Food Waste Solutions
GLOBAL EMC, KOREA

BIO-DEHYDRATORS

HGF-250ML

Processing up to 7,500 lbs [3 tons] p/m



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.

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 80-90% volume-reduced, inert, pathogen free, compostable product with a variety of uses.

250lbs [100kg] capacity of food waste per cycle.

This is our most common model. It's a great fit for most commercial kitchens. Average cycle times are 12-14 hours depending on the moisture content. Single button operation.

CAPACITY:	250lbs / 100kg (per cycle)
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LENGTH:	43.43in / 1103mm
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DEPTH:	40.7in / 1034mm
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HEIGHT:	43.48in / 1104mm
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CYCLE TIME:	12-14 hours
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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.

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

MODEL	HGF-250ML
Cycle Times/Full Load (capacity per cycle)**	1 Cycle / 12-14hrs 250lbs / 100kg
Possible Cycles Per Day**	1.5-2 Cycle
Approximate Capacity per day (full 24 hours) **	370lbs / 150kg
NOTE: CYCLE TIME WILL VARY FROM LOAD TO LOAD DEPENDING ON THE MOISTURE CONTENT OF THE FOOD WASTE	
Depth	40.7in / 1034mm
Length/Width	43.43in / 1103mm
Length/Width W/Lift	NO LIFT
Height	43.48in / 1104mm
Height W/Lift	NO LIFT
External Radiator 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

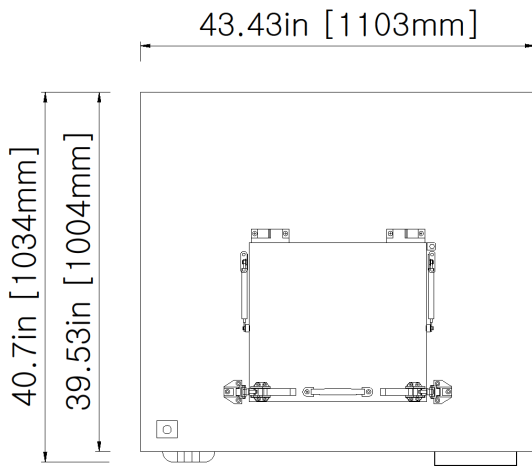
Food Waste Solutions
GLOBAL EMC

FOOD WASTE SOLUTIONS CO., LTD

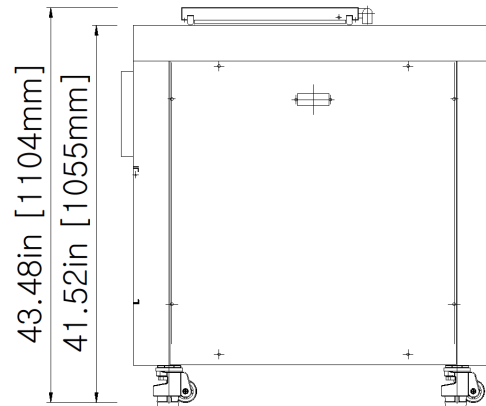
259-26 Nokchon-ro, Hwado-eup, Gyeonggi-do, KOREA

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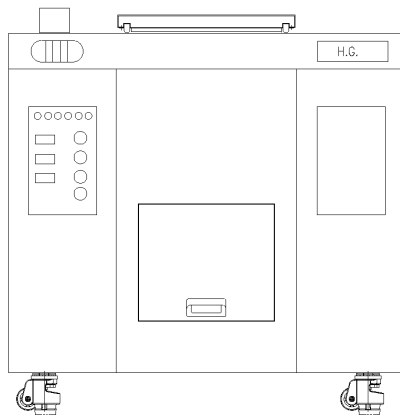
HGF-250ML



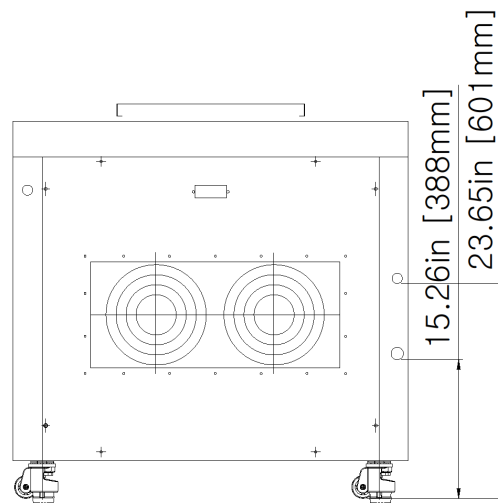
TOP VIEW



SIDE VIEW



FRONT VIEW



REAR VIEW

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