

FWS

Food Waste Solutions
GLOBAL EMC, KOREA

BIO-DEHYDRATORS

HGF-320ML

Processing up to 9,600 lbs [4.5 tons] p/m

MODEL: HGF-320ML

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.

320lbs [150kg] 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 12-17 hours depending on the moisture content. Single button operation.



MODEL	HGF-320ML
Cycle Times/Full Load (capacity per cycle)**	1 Cycle / 12-17hrs 320lbs / 150kg
Possible Cycles Per Day**	1-1.5 Cycle
Approximate Capacity per day (full 24 hours) **	420lbs / 190kg
NOTE: CYCLE TIME WILL VARY FROM LOAD TO LOAD DEPENDING ON THE MOISTURE CONTENT OF THE FOOD WASTE	
Depth	42.6in / 1082mm
Length/Width	53.24in / 1352mm
Length/Width W/Lift	NO LIFT
Height	46.24in / 1174mm
Height W/Lift	NO LIFT
External Radiator Size (L x W x H)	X
Drum Volume	73.16gal / 277Liters
Net weight of unit	1100lbs / 500kg
CFM output radiator	1200.2CFM = 34CMM
Delta T	86F / 30c
BTU/hr = 1.08 x CFM x ΔT	111475
Converted to kW	32.7

CAPACITY: 320lbs / 150kg (per cycle)

LENGTH: 53.24in / 1352mm

DEPTH: 42.6in / 1082mm

HEIGHT: 46.24in / 1174mm

CYCLE TIME: 12-17 hours

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

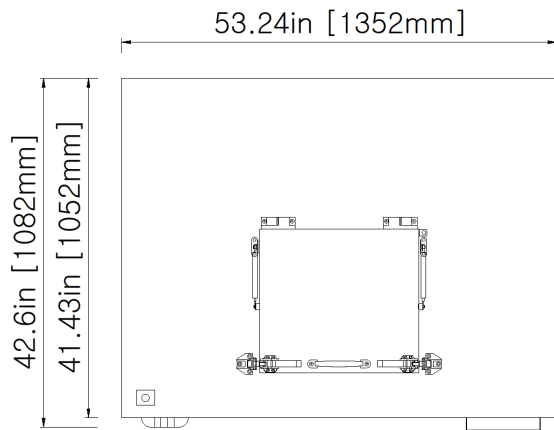
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FOOD WASTE SOLUTIONS CO., LTD

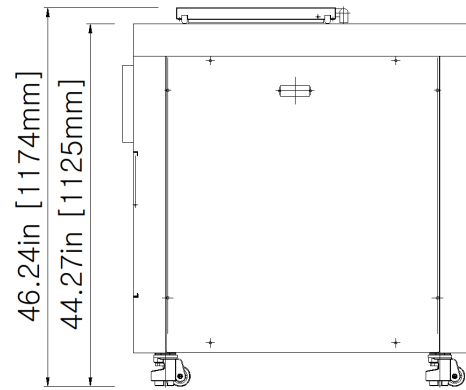
259-26 Nokchon-ro, Hwado-eup, Gyeonggi-do, KOREA

Inquiry - E-mail: yhlee@fwstrade.com / Phone: +82 70 7761 1000

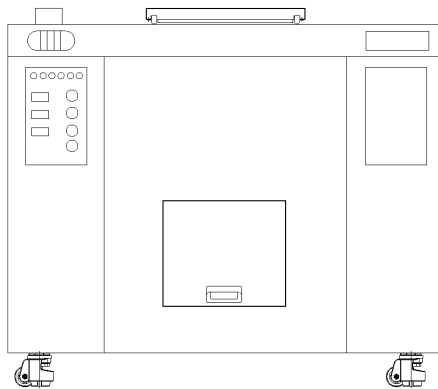
HGF-320ML



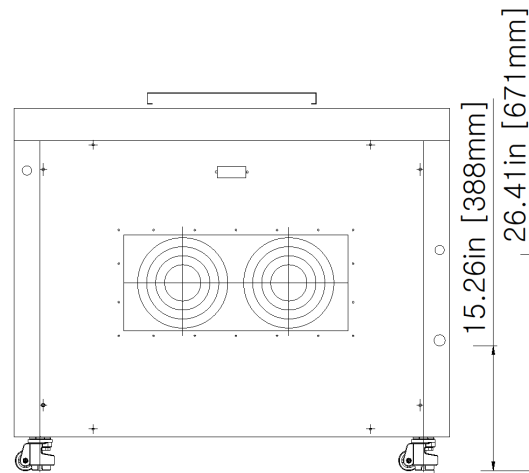
TOP VIEW



SIDE VIEW



FRONT VIEW



REAR VIEW

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