

FWS

Food Waste Solutions
GLOBAL EMC, KOREA

BIO-DEHYDRATORS

HGF-450ML

Processing up to 13,500 lbs [6 tons] p/m

MODEL: HGF-450ML

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.

450lbs [200kg] capacity of food waste per cycle.

This is great for medium-sized operators such as corporate cafeterias, colleges, and larger commercial kitchens. Average cycle times are 13-18 hours depending on the moisture content. Single button operation.



MODEL	HGF-450ML
Cycle Times/Full Load (capacity per cycle)**	1 Cycle / 13-18hrs 450lbs / 200kg
Possible Cycles Per Day**	1-1.5 Cycle
Approximate Capacity per day (full 24 hours) **	560lbs / 250kg
NOTE: CYCLE TIME WILL VARY FROM LOAD TO LOAD DEPENDING ON THE MOISTURE CONTENT OF THE FOOD WASTE	
Depth	46.55in / 1182mm
Length/Width	57.18in / 1452mm
Length/Width W/Lift	NO LIFT
Height	47.53in / 1207mm
Height W/Lift	NO LIFT
External Radiator Size (L x W x H)	X
Drum Volume	92.46gal / 350Liters
Net weight of unit	1325lbs / 600kg
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: 450lbs / 200kg (per cycle)

LENGTH: 57.18in / 1452mm

DEPTH: 46.55in / 1182mm

HEIGHT: 47.53in / 1207mm

CYCLE TIME: 13-18 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

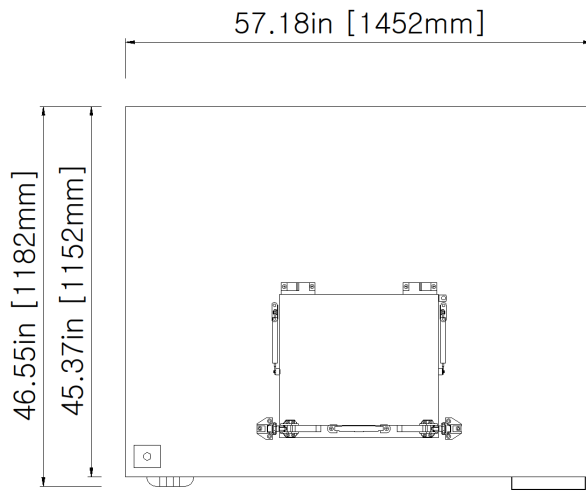
Food Waste Solutions
GLOBAL EMC

FOOD WASTE SOLUTIONS CO., LTD

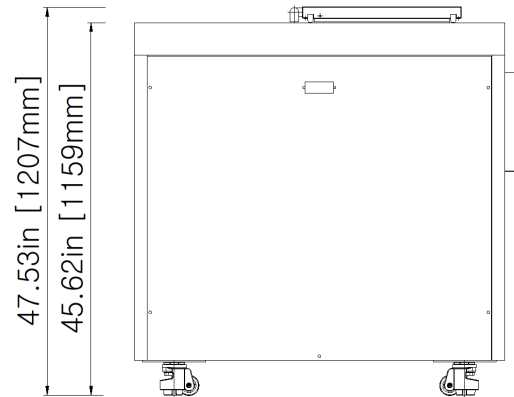
259-26 Nokchon-ro, Hwado-eup, Gyeonggi-do, KOREA

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

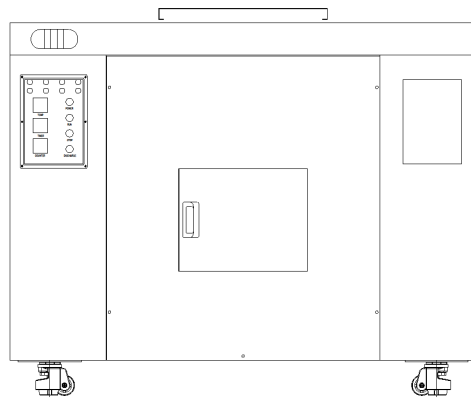
HGF-450ML



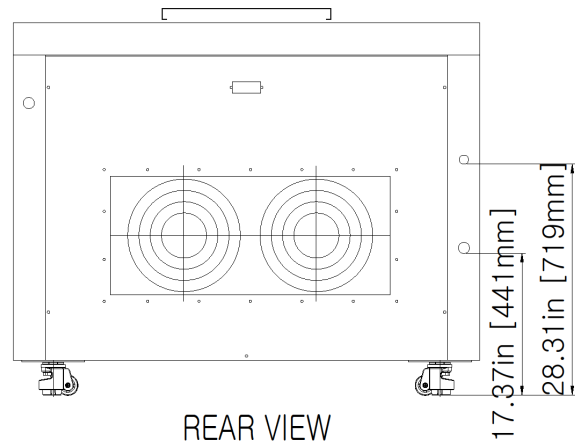
TOP VIEW



SIDE VIEW



FRONT VIEW



REAR VIEW

BIO-DEHYDRATORS

• HGF-450ML