BIO-DEHYDRATORS
HGF-450AL

FWS
Food Waste Solutions
GLOBAL EMC, KOREA

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

MODEL: HGF-450AL

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, and fully automated loading with the bin lifter.

CAPACITY:	**450lbs / 200kg** (per cycle)
LENGTH:	61.12in / 1552mm
DEPTH:	50.88in / 1292mm
HEIGHT:	53.64in / 1363mm
CYCLE TIME:	13-18 hours

MODEL	HGF-450AL
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	50.88in / 1292mm
Length/Width	61.12in / 1552mm
Length/Width W/Lift	85.49in / 2172mm
Height	47.53in / 1207mm
Height W/Lift	60.43in / 1535mm
External Radiator Size (L x W x H)	X
Drum Volume	92.46gal / 350Liters
Net weight of unit	1543lbs / 700kg
CFM output radiator	1200.2CFM = 34CMM
Delta T	86F / 30c
BTU/hr = 1.08 x CFM x ΔT	111475
Converted to kW	32.7

Note: figures may vary due to psychromatrics 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 CO., LTD
259-26 Nokchon-ro, Hwado-eup, Gyeonggi-do, KOREA
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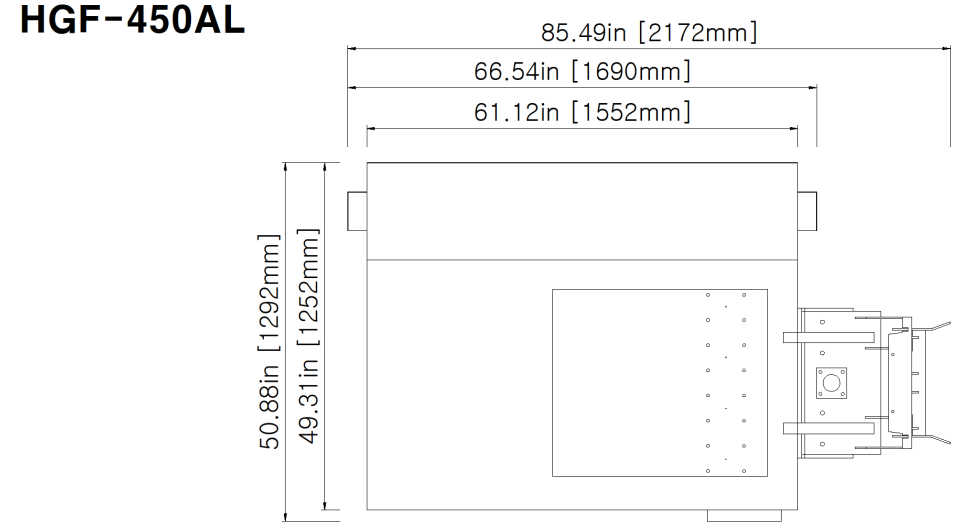
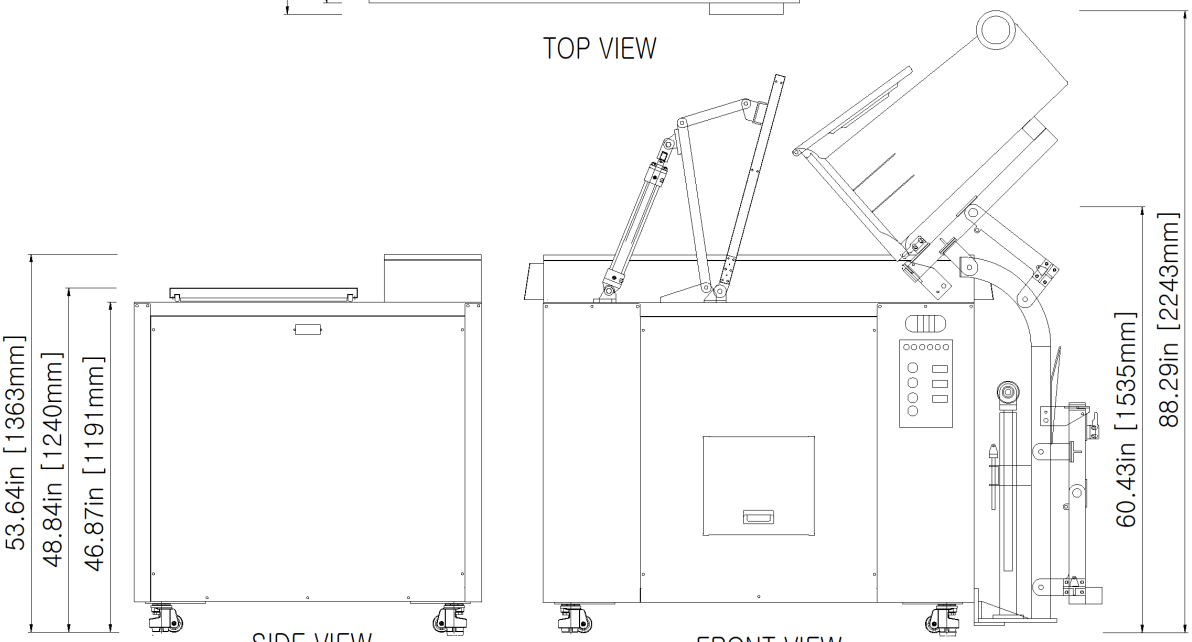
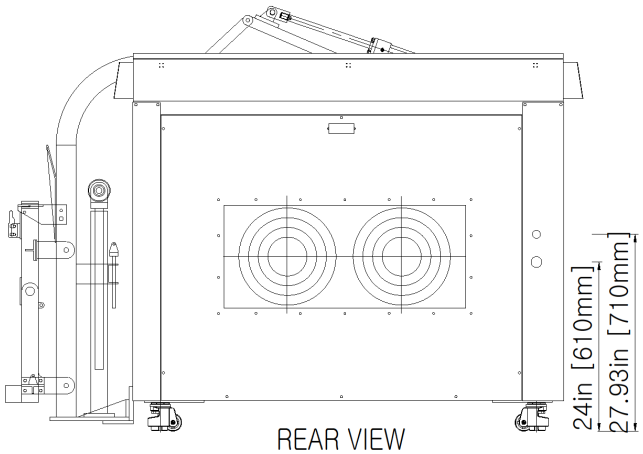


TOP VIEW



SIDE VIEW

FRONT VIEW



REAR VIEW

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