BIO-DEHYDRATORS
HGF-900ML

FWS
Food Waste Solutions
GLOBAL EMC, KOREA

Processing up to 27,000 lbs [15 tons]

MODEL: HGF-900ML

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.

900lbs [500kg] capacity of food waste per cycle. Featuring externally mounted liquid cooling radiator to maximize efficiency.

This is ideal for larger establishments, universities, hospitals, military facilities, remote mining, marine, and the like. Average cycle times are 17-20 hours depending on the moisture content.

CAPACITY:	**900lbs / 500kg** (per cycle)
LENGTH:	84.35in / 2142mm
DEPTH:	50.88in / 1292mm
HEIGHT:	63.15in / 1604mm
CYCLE TIME:	17-20 hours

MODEL	HGF-900ML
Cycle Times/Full Load (capacity per cycle)**	1 Cycle / 17-20hrs 900lbs / 500kg
Possible Cycles Per Day**	1 Cycle
Approximate Capacity per day (full 24 hours) **	900lbs / 500kg
NOTE: CYCLE TIME WILL VARY FROM LOAD TO LOAD DEPENDING ON THE MOISTURE CONTENT OF THE FOOD WASTE	
Depth	50.88in / 1292mm
Length/Width	84.35in / 2142mm
Length/Width W/Lift	NO LIFT
Height	63.15in / 1604mm
Height W/Lift	NO LIFT
External Radiator Size (L x W x H)	35.83in / 910mm x 29.92in / 760mm x 37.99in / 965mm
Drum Volume	237.75gal / 900Liters
Net weight of unit	2645lbs / 1200kg
CFM output radiator	4518.4CFM = 128CMM
Delta T	86F / 30c
BTU/hr = 1.08 x CFM x ΔT	419669
Converted to kW	123

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

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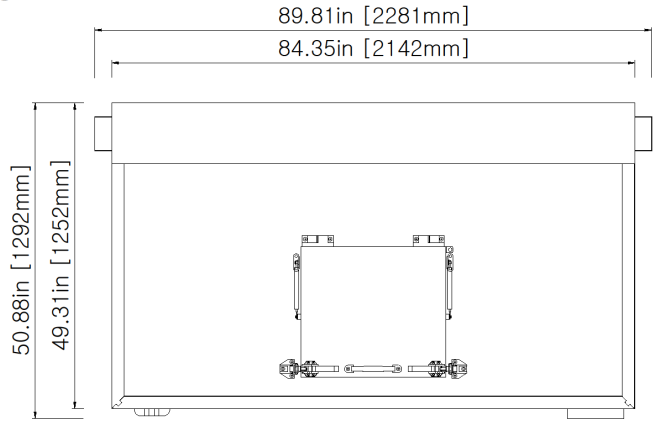
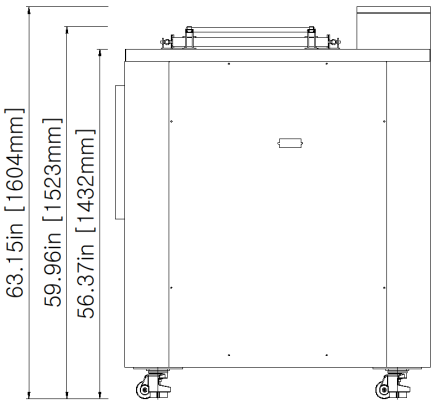
FOOD WASTE SOLUTIONS CO., LTD
259-26 Nokchon-ro, Hwado-eup, Gyeonggi-do, KOREA
Inquiry - E-mail: yhlee@fwstrade.com / Phone: +82 70 7761 1000

BIO-DEHYDRATORS • HGF-900ML

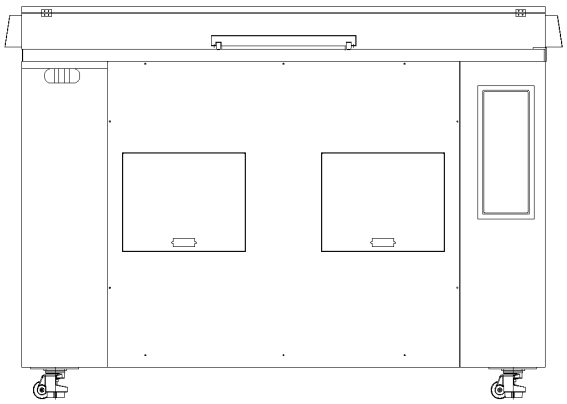
HGF-900ML-C



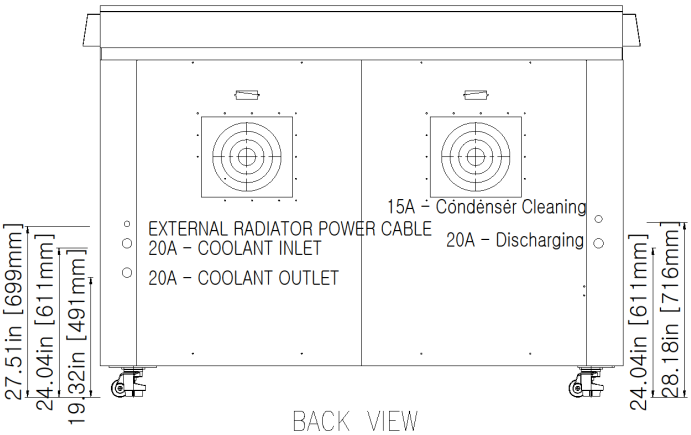
TOP VIEW



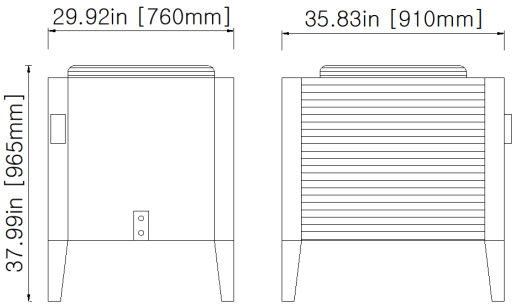
SIDE VIEW



FRONT VIEW



BACK VIEW



EXTERNAL RADIATOR

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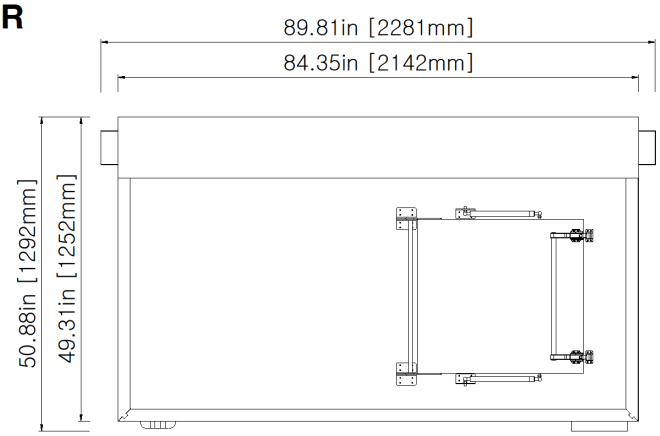
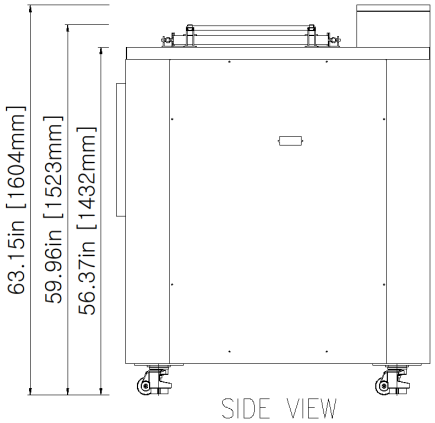
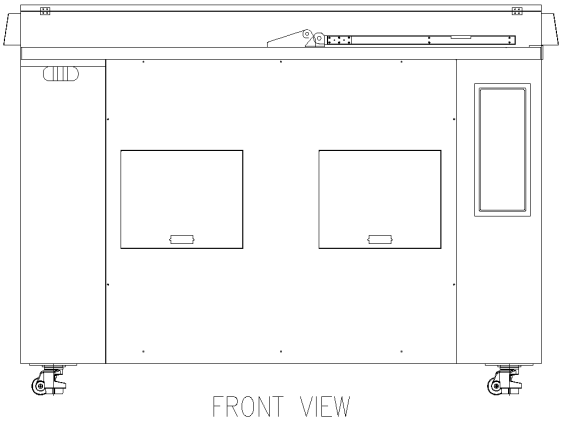
HGF-900ML-R



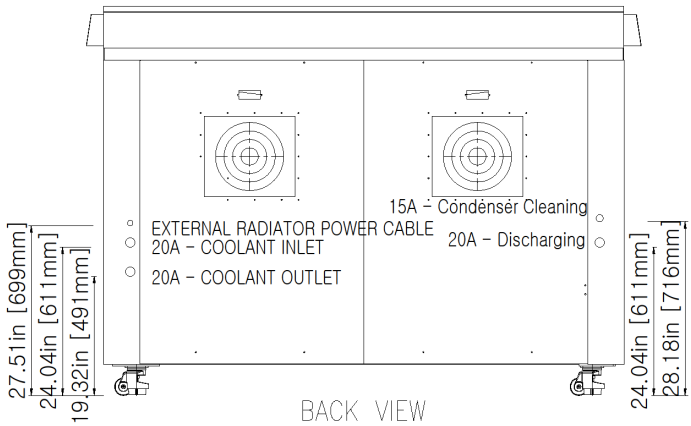
TOP VIEW



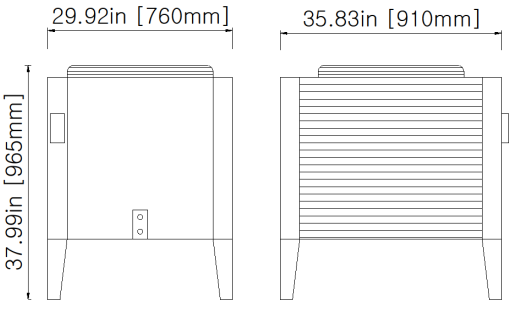
SIDE VIEW



FRONT VIEW



BACK VIEW



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