BIO-DEHYDRATORS
FD-150ML

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

FWS
Food Waste Solutions
GLOBAL EMC, KOREA

MODEL: FD-150ML

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.

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.

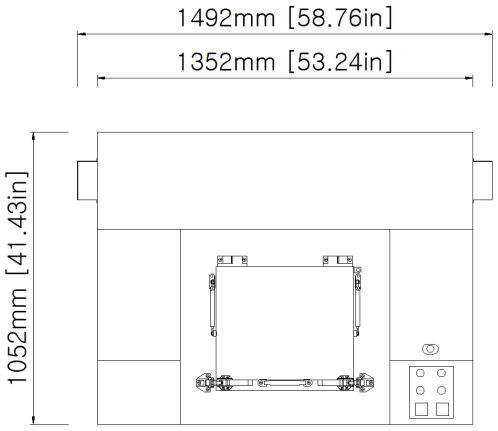
CAPACITY:	**150kg / 320lb** (per cycle)
LENGTH:	1352mm / 53.24in
DEPTH:	1052mm / 41.43in
HEIGHT:	1371mm / 53.96in
CYCLE TIME:	12-17 hours

MODEL	FD-150ML
Cycle Times/Full Load (capacity per cycle)**	1 Cycle / 12-17hrs 150kg / 320lbs
Possible Cycles Per Day**	1-1.5 Cycle
Approximate Capacity per day (full 24 hours) **	190kg / 420lbs
NOTE: CYCLE TIME WILL VARY FROM LOAD TO LOAD DEPENDING ON THE MOISTURE CONTENT OF THE FOOD WASTE	
Depth	1052mm / 41.43in
Length/Width	1352mm / 53.24in
Length/Width W/Lift	NO LIFT
Height	1371mm / 53.96in
Height W/Lift	NO LIFT
External Condenser Size (L x W x H)	X
Drum Volume	277Liters / 73.16gal
Net weight of unit	500kg / 1100lbs
CFM output radiator	1200.2CFM = 34CMM
Delta T	86F/30c
BTU/hr = 1.08 x CFM x ΔT	111475
Converted to kW	32.7

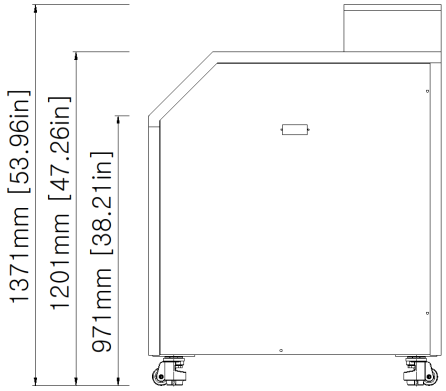
Note: figures may vary due to psychromatrics as air density (height above sea level), air temperature, humidity etc.
Note: Specifications of all models may be changed without prior notice
** ML designates "Manual Load" **AL designates "Automatic Load"
** Approximate capacity daily and capacity per cycle 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
Inquiry - E-mail: yhlee@fwstrade.com / Phone: +82 70 7761 1000

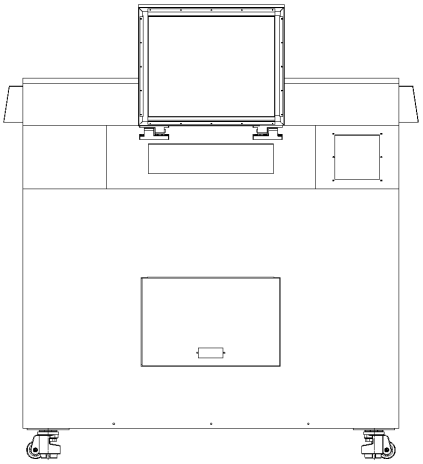
FD-150ML



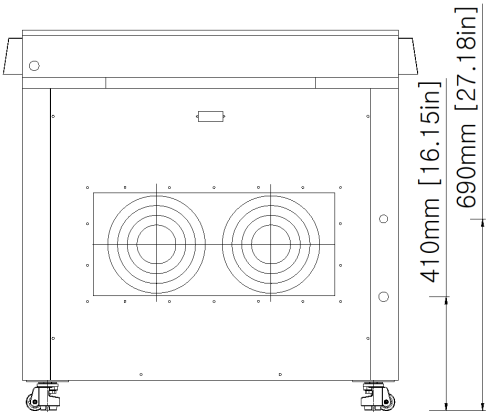
TOP VIEW



SIDE VIEW



FRONT VIEW



REAR VIEW

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