

FWS

Food Waste Solutions
GLOBAL EMC, KOREA

MODEL: FD-200AL

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.

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:	200kg / 450lb (per cycle)
LENGTH:	1552mm / 61.12in
DEPTH:	1292mm / 50.88in
HEIGHT:	1363mm / 53.64in
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

BIO-DEHYDRATORS

FD-200AL

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



MODEL	FD-200AL
Cycle Times/Full Load (capacity per cycle)**	1 Cycle / 13-18hrs 200kg / 450lbs
Possible Cycles Per Day**	1-1.5 Cycle
Approximate Capacity per day (full 24 hours) **	250kg / 560lbs
NOTE: CYCLE TIME WILL VARY FROM LOAD TO LOAD DEPENDING ON THE MOISTURE CONTENT OF THE FOOD WASTE	
Depth	1292mm / 50.88in
Length/Width	1552mm / 61.12in
Length/Width W/Lift	2172mm / 85.49in
Height	1207mm / 47.53in
Height W/Lift	1535mm / 60.43in
External Condenser Size (L x W x H)	X
Drum Volume	350Liters / 92.466gal
Net weight of unit	700kg / 1543lbs
CFM output radiator	1200.2CFM = 34CMM
Delta T	86F/30c
BTU/hr = 1.08 x CFM x ΔT	111475
Converted to kW	32.7

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