

FWS

Food Waste Solutions
GLOBAL EMC, KOREA

MODEL: FD-300AL

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.

300kg capacity of food waste per cycle.

This is ideal for larger restaurants, universities, multi-tenant operations, and the like. Average cycle times are 15-19 hours depending on the moisture content. Single button operation, and fully automated loading with the bin lifter.

CAPACITY:	300kg / 700lb (per cycle)
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LENGTH:	1652mm / 65.06in
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DEPTH:	1252mm / 49.31in
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HEIGHT:	1360mm / 53.53in
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CYCLE TIME:	15-19 hours
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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-300AL

Processing up to 9 tons [21,000 lbs] p/m



MODEL	FD-300AL
Cycle Times/Full Load (capacity per cycle)**	1 Cycle / 15-19hrs 300kg / 700lbs
Possible Cycles Per Day**	1-1.5 Cycle
Approximate Capacity per day (full 24 hours) **	370kg / 820lbs
NOTE: CYCLE TIME WILL VARY FROM LOAD TO LOAD DEPENDING ON THE MOISTURE CONTENT OF THE FOOD WASTE	
Depth	1252mm / 49.31in
Length/Width	1652mm / 65.06in
Length/Width W/Lift	2274mm / 89.52in
Height	1360mm / 53.53in
Height W/Lift	1516mm / 59.7in
External Condenser Size (L x W x H)	X
Drum Volume	470Liters / 124.16gal
Net weight of unit	800kg / 1770lbs
CFM output radiator	2259.2CFM = 64CMM
Delta T	86F/30c
BTU/hr = 1.08 x CFM x ΔT	209834
Converted to kW	61.5

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FD-300AL

