

Processing up to 1,500kg [3,300 lbs] p/m



MODEL: FD-50ML

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.

Designed for smaller commercial kitchens or food processors. It can handle up to 50kg (110lbs) of food waste per cycle. You can get two cycles per day. Single button operation.

CAPACITY:	50kg / 110lb (per cycle)
LENGTH:	802mm / 31.59in
DEPTH:	752mm / 29.62in
HEIGHT:	1161mm / 45.69in
CYCLE TIME:	10-12 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

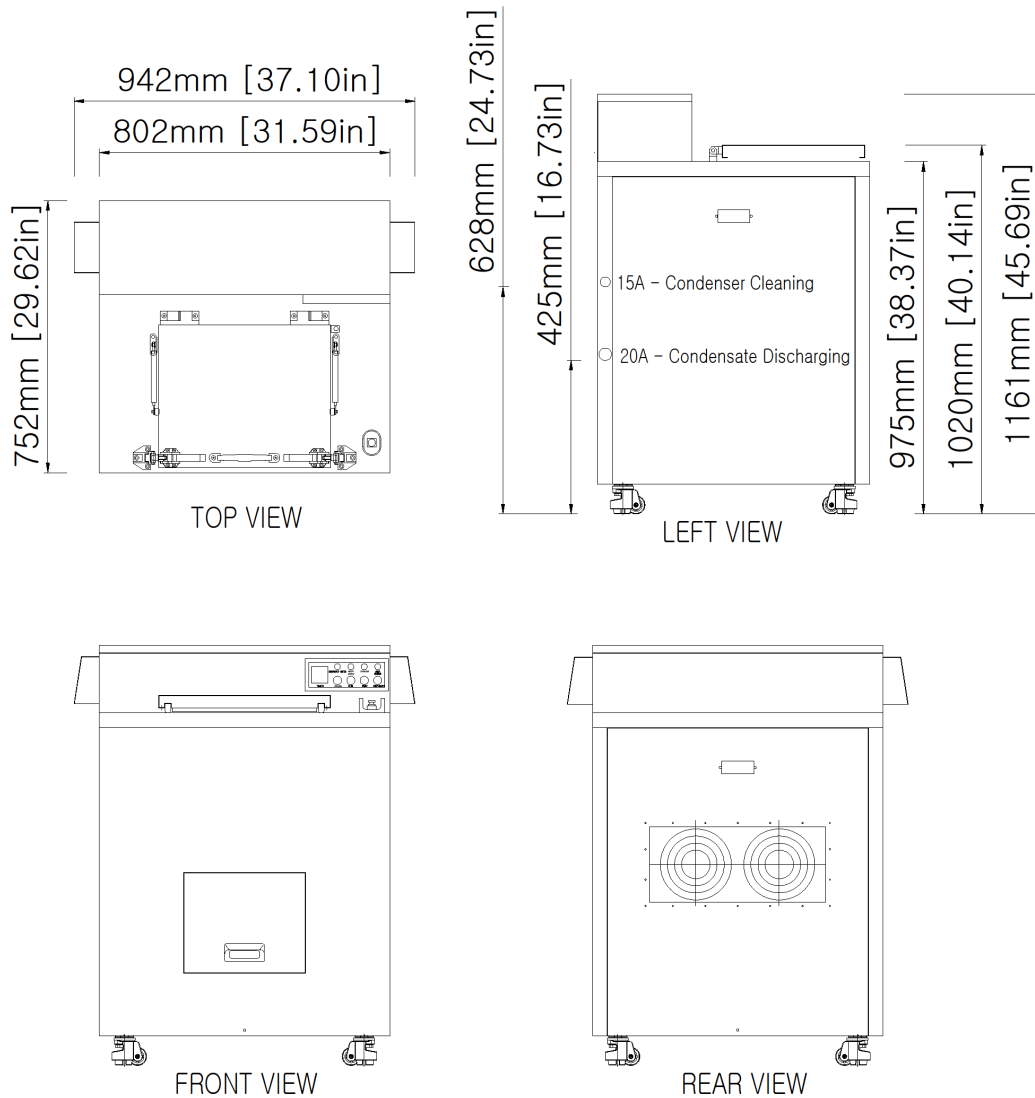
** ML designates "Manual Load" **AL designates "Automatic Load"

** 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.

** 1CFM = 1CMM * 35.3/ 1CMM = 35.3CFM

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Cycle Times/Full Load (capacity per cycle)**	1 Cycle / 10-12hrs 50kg / 110lbs
Possible Cycles Per Day**	2 Cycle
Approximate Capacity per day (full 24 hours) **	100kg / 220lbs
NOTE: CYCLE TIME WILL VARY FROM LOAD TO LOAD DEPENDING ON THE MOISTURE CONTENT OF THE FOOD WASTE	
Depth	752mm / 29.62in
Length/Width	802mm / 31.59in
Length/Width W/Lift	NO LIFT
Height	1161mm / 44.69in
Height W/Lift	NO LIFT
External Condenser Size (L x W x H)	X
Drum Volume	85Liters / 22.45gal
Net weight of unit	250kg / 550lbs
CFM output radiator	706CFM = 20CMM
Delta T	86F/30c
BTU/hr = 1.08 x CFM x ΔT	65573
Converted to kW	19.2

FD-50ML



BIO-DEHYDRATORS • FD-50ML