

Processing up to 3 tons [7,500 lbs] p/m



MODEL: FD-100ML

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.

100kg 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 12-14 hours depending on the moisture content. Single button operation.

CAPACITY: 100kg / 250lb (per cycle)

LENGTH: 1150mm / 45.28in

DEPTH: 1000mm / 39.37in

HEIGHT: 1288mm / 50.7in

CYCLE TIME: 12-14 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

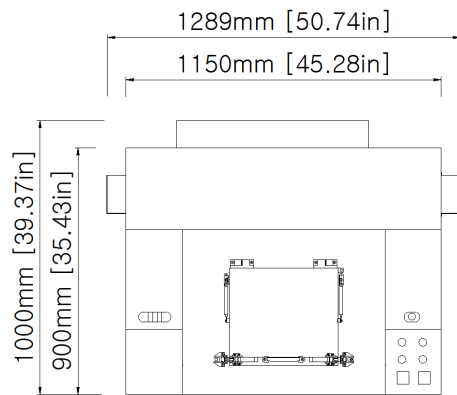
** ML designates "Manual Load" **AL designates "Automatic Load"

** 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.

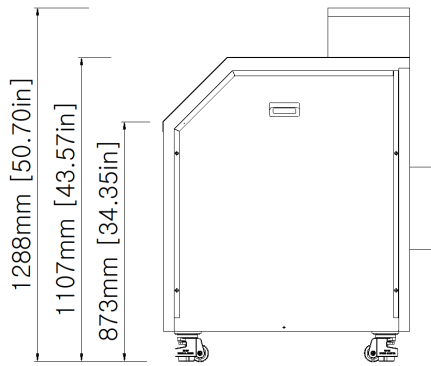
** 1CMM = 1CFM * 35.3 / 1CMM = 35.3CFM

MODEL	FD-100ML
Cycle Times/Full Load (capacity per cycle)**	1 Cycle / 12-14hrs 100kg / 250lbs
Possible Cycles Per Day**	1.5-2 Cycle
Approximate Capacity per day (full 24 hours) **	150kg / 370lbs
NOTE: CYCLE TIME WILL VARY FROM LOAD TO LOAD DEPENDING ON THE MOISTURE CONTENT OF THE FOOD WASTE	
Depth	1000mm / 39.37in
Length/Width	1150mm / 45.28in
Length/Width W/Lift	NO LIFT
Height	1288mm / 50.7in
Height W/Lift	NO LIFT
External Condenser Size (L x W x H)	X
Drum Volume	155Liters / 40.94gal
Net weight of unit	400kg / 881lbs
CFM output radiator	804.4CFM = 24CMM
Delta T	86F/30c
BTU/hr = 1.08 x CFM x ΔT	74712
Converted to kW	21.9

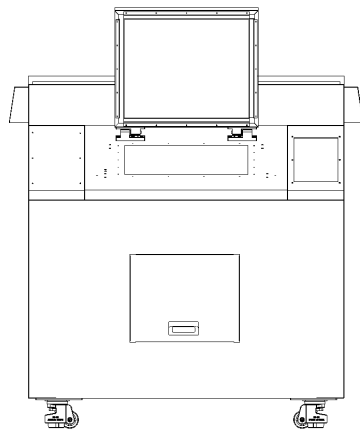
FD-100ML



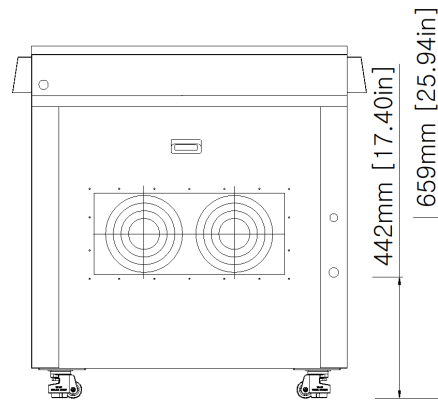
TOP VIEW



SIDE VIEW



FRONT VIEW



REAR VIEW