

Processing up to 2,100 lbs [900kg] p/m

MODEL: HGF-70ML

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.

This is our smallest model. Designed for smaller commercial kitchens or food processors. It can handle up to 70lbs (30kg) of food waste per cycle. You can get two cycles per day. Single button operation.

CAPACITY:	70lbs / 30kg (per cycle)
LENGTH:	31.59in / 802mm
DEPTH:	29.62in / 752mm
HEIGHT:	36.64in / 931mm
CYCLE TIME:	9-11 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"

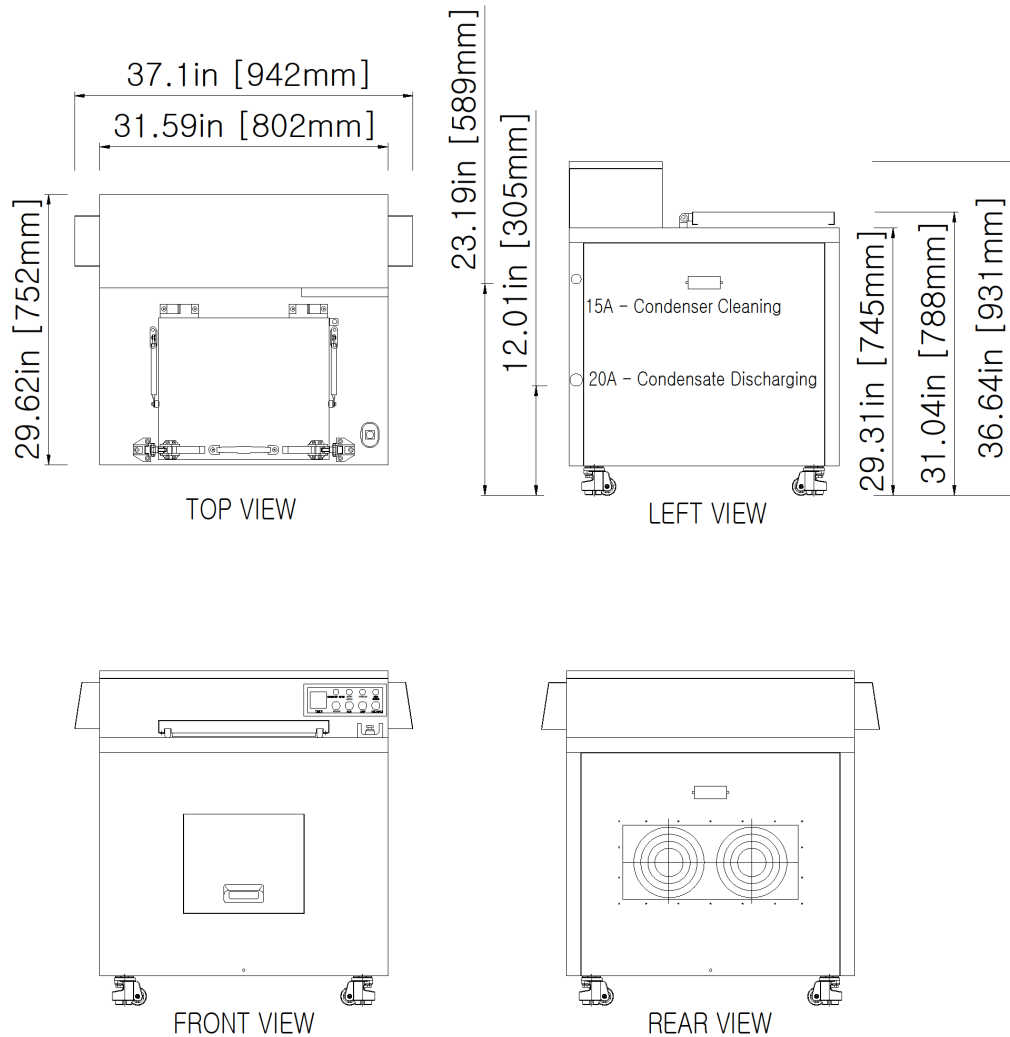
** Approximate capacity daily and capacity per cycle is a range and not to be construed as an exact calculation as the bio reactor drums are a fixed volume, but density and moisture content of food waste varies.

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



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Cycle Times/Full Load (capacity per cycle)**	1 Cycle / 9-11hrs 70lbs / 30kg
Possible Cycles Per Day**	2 Cycle
Approximate Capacity per day (full 24 hours) **	140lbs / 60kg
NOTE: CYCLE TIME WILL VARY FROM LOAD TO LOAD DEPENDING ON THE MOISTURE CONTENT OF THE FOOD WASTE	
Depth	29.62in / 752mm
Length/Width	31.59in / 802mm
Length/Width W/Lift	NO LIFT
Height	36.64in / 931mm
Height W/Lift	NO LIFT
External Radiator Size (L x W x H)	X
Drum Volume	14.53gal / 55Liters
Net weight of unit	440lbs / 200kg
CFM output radiator	706CFM = 20CMM
Delta T	86F / 30c
BTU/hr = 1.08 x CFM x ΔT	65573
Converted to kW	19.2

HGF-70ML



BIO-DEHYDRATORS • HGF-70ML