

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

MODEL: HGF-450ML-SLIM

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.

450lbs [200kg] capacity of food waste per cycle.

This model is specifically designed for facilities and cruise ships that can only be accessed through standard doors with a width of 36 inches (915mm). For example, this SLIM model is installed on Seabourn Cruise Line vessels. Average cycle times are 13-18 hours depending on the moisture content. Single button operation.



CAPACITY:	450lbs / 200kg (per cycle)
LENGTH:	57.18in / 1452mm
DEPTH:	35.12in / 892mm [Radiator Fan Detached]
HEIGHT:	62.18in / 1579mm
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

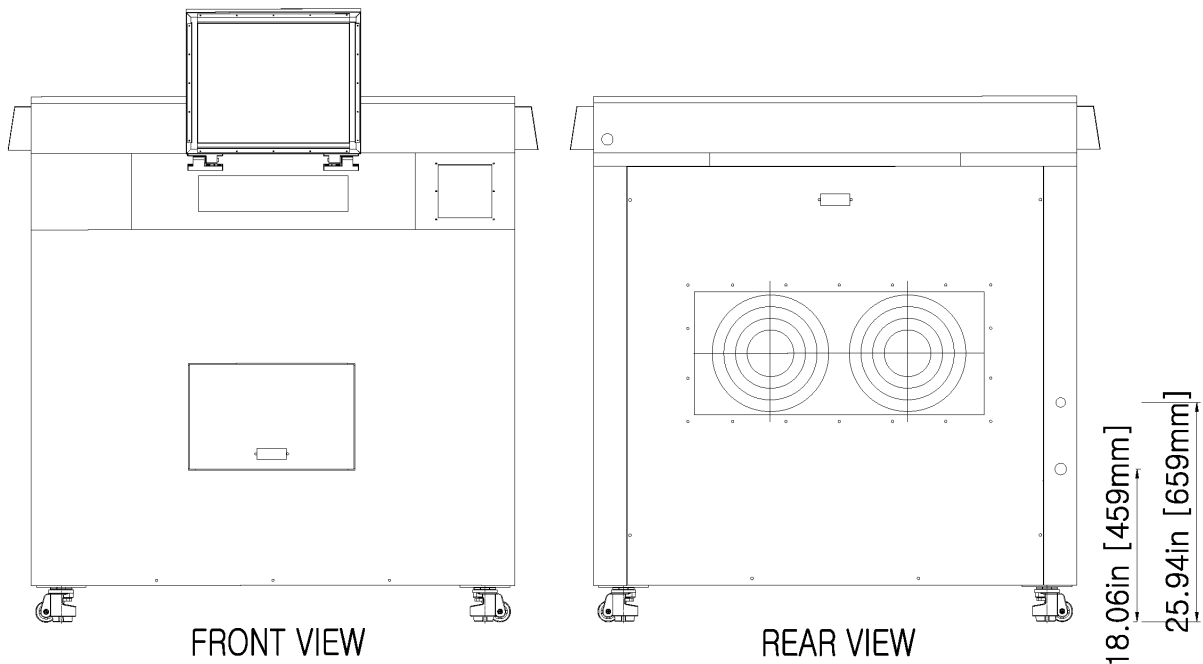
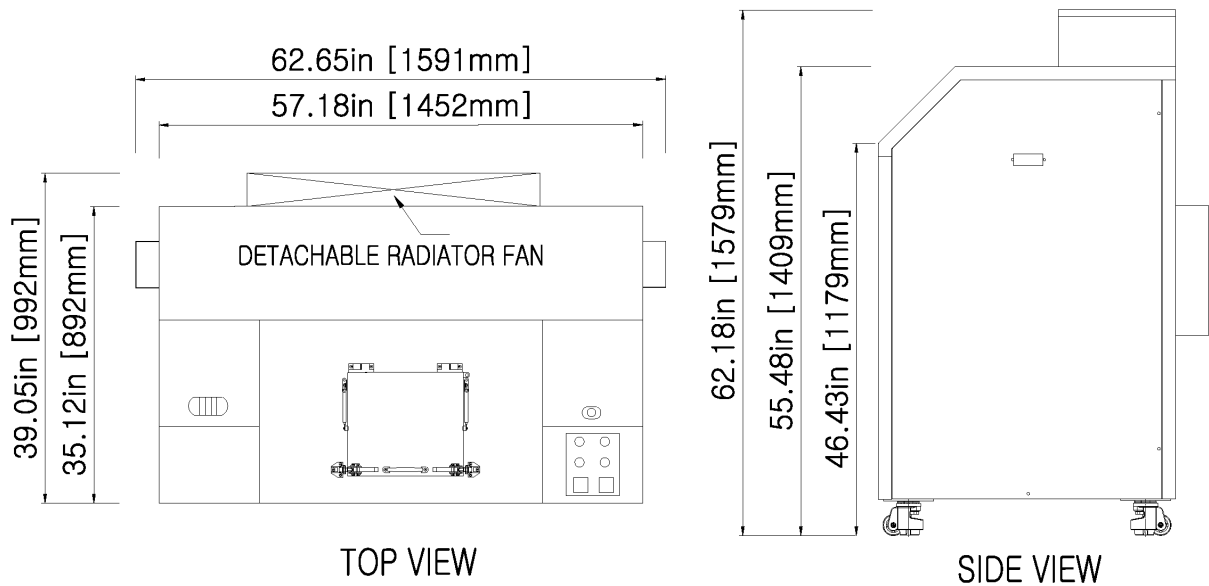
** ML designates "Manual Load" **AL designates "Automatic Load"

** 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

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Cycle Times/Full Load (capacity per cycle)**	1 Cycle / 13-18hrs 450lbs / 200kg
Possible Cycles Per Day**	1-1.5 Cycle
Approximate Capacity per day (full 24 hours) **	560lbs / 250kg
NOTE: CYCLE TIME WILL VARY FROM LOAD TO LOAD DEPENDING ON THE MOISTURE CONTENT OF THE FOOD WASTE	
Depth	39.05in / 992mm
Depth / Radiator Fan Detached	35.12in / 892mm
Length/Width	57.18in / 1452mm
Height	62.18in / 1579mm
Height W/Lift	NO LIFT
External Radiator Size (L x W x H)	X
Drum Volume	92.46gal / 350Liters
Net weight of unit	1325lbs / 600kg
CFM output radiator	1200.2CFM = 34CMM
Delta T	86F / 30c
BTU/hr = 1.08 x CFM x ΔT	111475
Converted to kW	32.7

HGF-450ML-SLIM



BIO-DEHYDRATORS • HGF-450ML-SLIM