

IVC4100

In Vessel Composter



Model no: IVC4100

Part no: F75/015

Description:
In Vessel Composter (medium)

Features:
Processing capacity approx 250 - 500kg
food waste (dry) per week.

The IVC4100 enables medium sized commercial catering establishments to eliminate food waste disposal costs and convert the waste into a valuable resource whilst also caring for the environment in a responsible way.

The IVC4100 recycles mixed catering food waste, that has first been macerated and dewatered, in to a high quality compost at a rate of approx 20 - 50kg compost per tonne of food waste.

Food Waste to Resource

imc

Specification

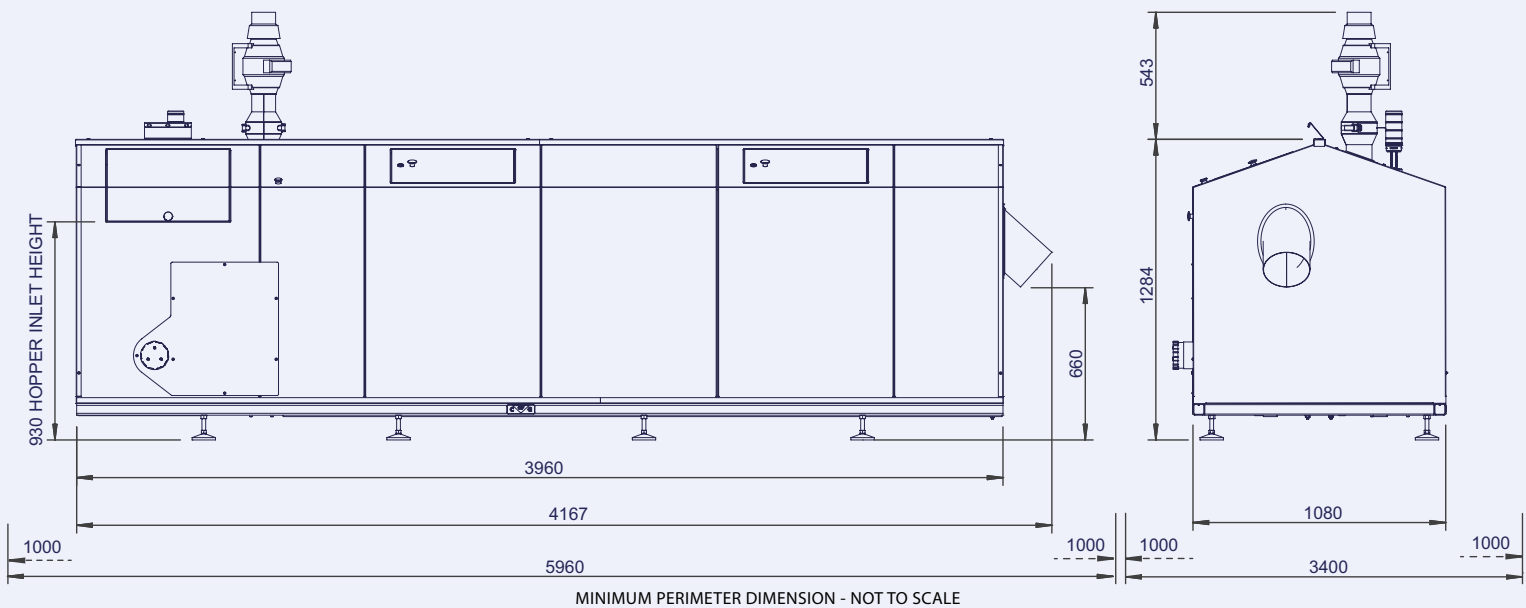
Model		IVC4100		Connections	
Max Capacity (kg)*	1,305	To ventilation (mm)	110	To drainage (mm)	54
Capacity volume (cu m)	2.329	Outlet height (mm)	660	No. of feet	8
Capacity volume (litres)	2,329	Electrical supply & Operation			
No. kgs food waste (dewatered) / week*	250-500	Voltage range	380-415	Phase (5 wire) supply	3 phase
Pellets - weekly max (kg) included in above	50-100	Frequency (Hz)	50	Amps (max)	10
No. tonnes food waste / annum*	13-26	Decibel (dB) during operation	55	Memory stick capacity (Gigabyte, Gb)	1
Measurements - IVC				Motor - compost cylinder (kW)	0.37
Length (mm)	3,960	Motor - hopper auger (kW)	0.55	Fan (kW)	0.04
Width (mm)	1,080	Air Heater (kW)	0.5	Heater blanket - optional (kW)	2
Height (mm)	1,284	Total (kW)	1.46		
Weight - empty (kg)	700				
Max weight - full (kg)	2,005				
Measurements - hopper					
Length (mm)	785				
Width (mm)	800				
Height (mm)	1,284				
Loading height (mm)	930				
Capacity volume (cu m)	0.052				
Capacity volume (litres)	52				
Capacity (kg)	40				

* The above max capacities are an indication only and should be calculated for each individual site. The max capacity of the IVC is influenced by a number of variable factors including but not limited to:-

- content / mix of food waste
- WastePro auger screen type
- IVC fill level
- IVC drum stir time, dwell time and filling ratio
- IVC fan speed
- biological process



Technical Specification



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Food Waste to Resource

