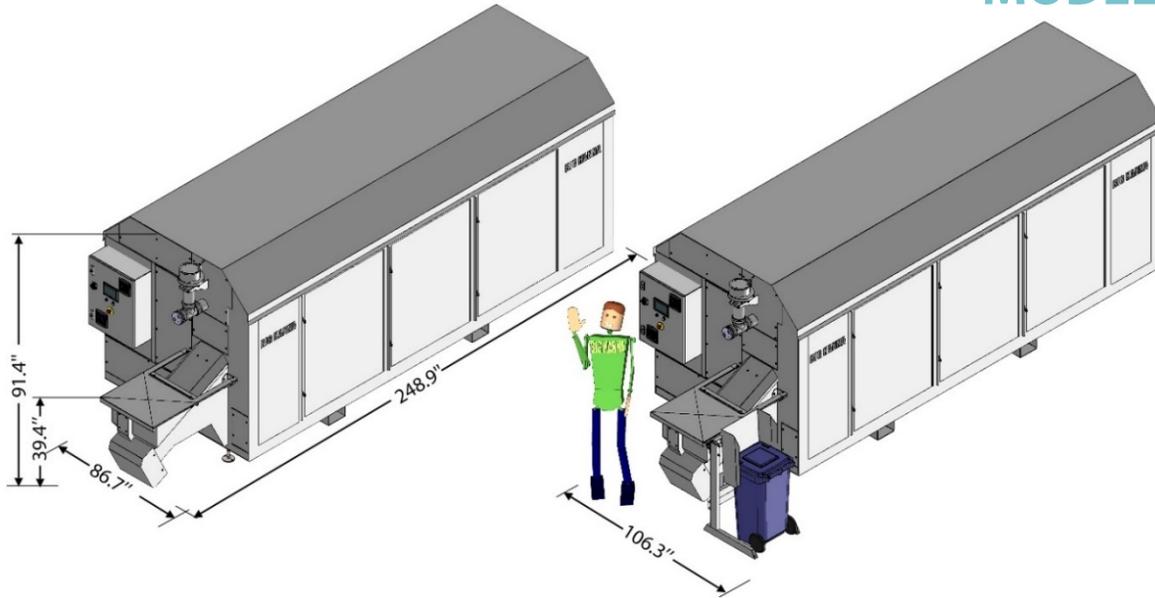




# BIGHANNA™ composter

## MODEL T480



### Capacity\*

Food waste/day (lbs.)	252-756
Food waste/week (lbs.)	1,750-5,300
Food waste/annum (lbs.)	91,000-275,000
Number of households	275-650
GHG Emissions (MTCO <sub>2</sub> EQ) avoided calculated on www.epa.org using WARM (per year)	
GHG Emissions landfilled	191
GHG Emissions composted	-25
GHG Emissions savings	-216

### Capacity when using mechanical dewaterer\*

Food waste/day (lbs.)	403-1,209
Food waste/week (lbs.)	2,800-8,500
Food waste/annum (lbs.)	145,600-442,000

### Measurements

Volume cylinder (ft <sup>3</sup> )	282.5
Weight empty (lbs.)	9,920
Max weight full (lbs.)	22,300
Number of feet on machine	10
Connection to ventilation - adapt to US piping connection	Ø4"
Connection for drainage - infeed hopper (inches)	Ø3"/Ø4"
Height inlet (inches)	approx. 3' 3.4"
Infeed opening (inches)	19.3"x23.2"
Volume hopper fed inlet (gallons)	20
Height under outlet (inches)	38.2"
Weight empty (lbs.)	9,920

### Equipment

Temperature sensors	3
Inspection door(s) on hood	4
Access door(s) in to cylinder	2
Touch screen panel	✓
Optional equipment for composter	
Mobile or wireless router	✓
Log in via computer, phone or tablet & email alarms	✓
SMS alarms	✓
Energy meter	✓
Scales	-
Rfid reader	✓
Moisture sensor in mass (VWC)	✓
Humidity (rH) and Temperature sensor in air	✓
CO <sub>2</sub> sensor in air	✓
Hopper fed 10 gallon inlet (auger feeder)	-
Customized hopper	-
Shredder	-
Bin Tipper / Bin Lift	✓
Sliding hatch	✓
Dewatering unit (screw press)	-
Mechanical macerator & dewaterer (stand- alone)	✓
Automatic pellets feeder	-
Biofilter	✓
Maturation box	✓

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# BIGHANNA™ composter



**Electrical supply\*\*)**

**Power supply**

**208/240V**

**Energy consumption \*\*\*)**

**Total kWh/day standard model**

**1,95**

\*) The capacity varies depending on content / mix of food waste, moisture content, absorbent material, biological process and how the machine is fed and programmed. The macerator / dewatering equipment reduces the volume and weight of the food waste and increases the capacity, i.e. more food waste can be recycled. See separate information.

\*\*\*) Standard models. Other electrical supply can be specified at order (for example 1-phase).

\*\*\*\*) The electrical power consumption is calculated for indoor installations. The heater is only used in cold temperatures and only when the temperature between the hood and the cylinder is lower than 41-50° F. This is not included in the electrical power consumption.

