

Turning Food Waste Into Energy



- **Biodigesters are a composting solution that creates biogas as a byproduct of the accelerated composting process**
- **Food scraps and water are placed in the inlet and the unit resealed**
- **Microbes digest the food scraps daily and create biogas (mostly methane with CO2 and water vapour)**
- **Biogas is continuously cleaned via the filter and is ready to cook with**
- **An outflow of liquid fertiliser is continuously created, matching the inflow of food scraps**
- **To use liquid fertiliser dilute with 3 parts water for top dressing or as soil preparation before planting**



Food Scraps In

Daily Digestion

Gas Created

Use Gas

Use Liquid Fertiliser

Installation

Level Ground

OPEN
TABLE



Installation

OPEN
TABLE

Prepare unit



Installation

Add components

OPEN
TABLE



Note: the inlet tube must be all the way in until it clicks. Otherwise when filling, water will push out the tube

Installation

Add water



Note: the inlet tube must be filled from towards the centre rather than from the edge

Installation

OPEN
TABLE

Wait until full



Note: hose is across unit towards centre rather than from the edge



Installation

Unit filled



Note: water will flow from the outlet pipe when the unit is filled

OPEN
TABLE

Installation

Fill sand bags



Note: prefill all bags with one litre of sand

Note: put the required number of bags into the correct distribution



Installation

Ready for activation

Note: secure unit with plunger to stop thirsty & curious wildlife



OPEN
AT THE
TABLE

Installation

Next step



Activation and Maintenance in
the next Visual Guide