

NEW!

HOME BIOGAS FARMERS

THE AFFORDABLE BIOGAS SYSTEM FOR SMALL FARMERS



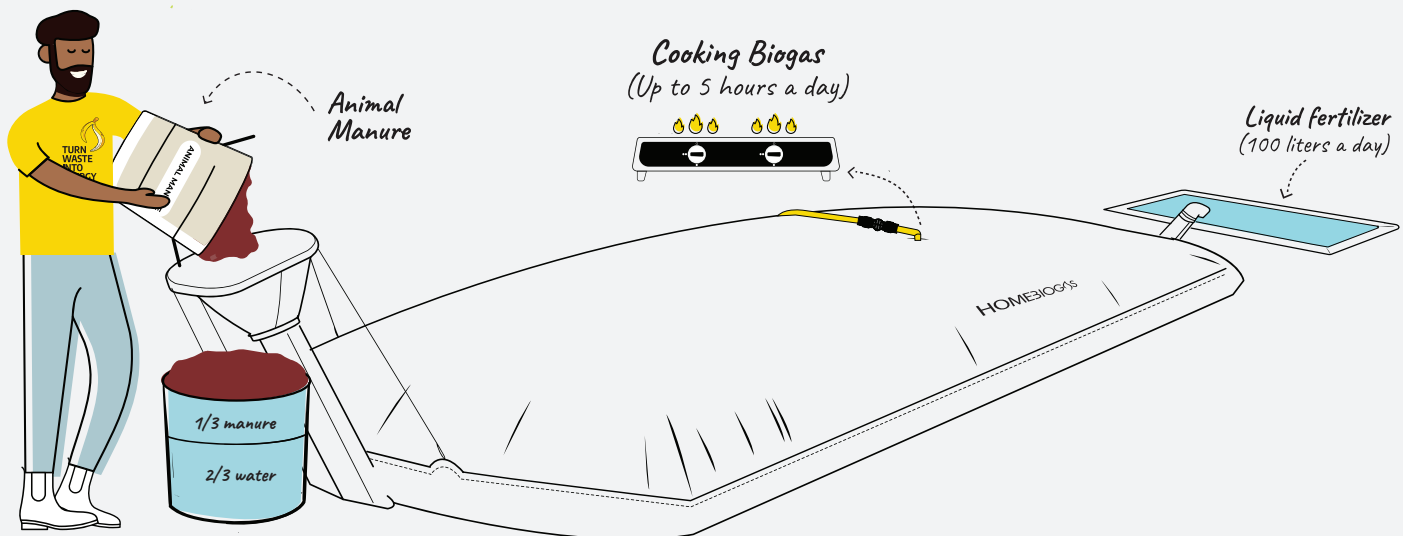
HomeBiogas Farmers is a new, affordable and easy-to-install system for farmers with livestock. Transforming up to 50 liters of animal manure (cow and pig) into clean cooking gas and liquid bio-fertilizer daily.



SPECIFICATIONS

System volume 8 M3	Gas tank volume: 2,500L	Digester tank volume: 5,500L	Dimensions assembled: 7M Long X 2M width X 80 CM High	Daily cow manure max input: 50 liters
Daily cooking time (single flame): up to 5 hours	Max distance between system & stove: 40M	System lifespan: Over 10 years	Filter replacement: Every 6 months	Material: UV protected Polypropylene

HOW DOES THE MAGIC WORK?



SYSTEM COMES IN 2 BOXED PACKAGE:



HomeBiogas farmers Digester



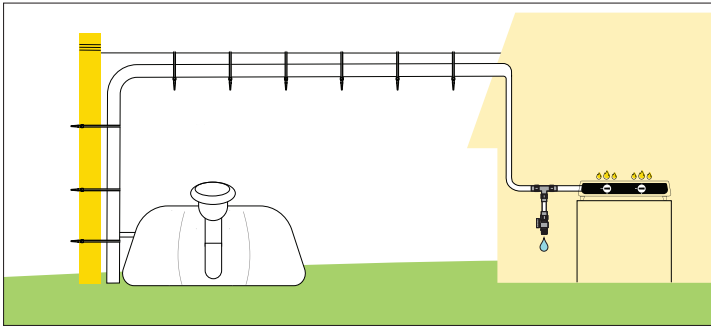
Pipes, Stove, Connectors, Nylon shit, Feeding hopper, bucket and parts bag

HOME BIOGAS®

www.homebiogas.com

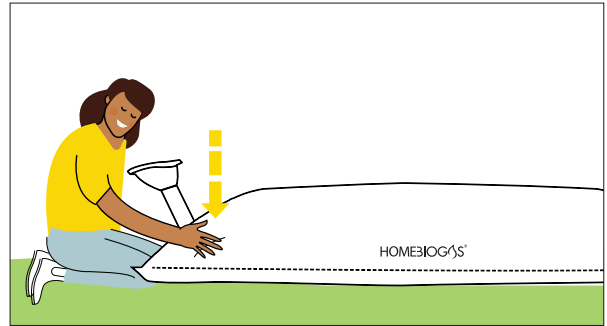


 **SYSTEM CARE:**



Remove condensed water

Biogas contains water vapor that may condense during cooler nights and accumulate in the gas pipes, blocking gas flow. If your stove's flame is sputtering, you should empty the water from the gas pipes.



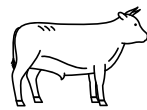
Agitate daily

Agitate the system with the help of your hands.

 **DAILY FEEDING**

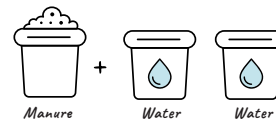
Quantities: 50 liter of raw Animal manure, as clean as possible from stones, straw and dirt.

Mix the animal manure well to create a slurry with the recommended ratio:



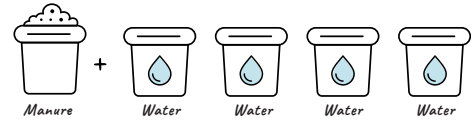
RATIO

1:2



RATIO

1:4



 **HOME BIOGAS FERTILIZER**

HomeBiogas fertilizer is a high quality liquid fertilizer produced from HomeBiogas systems. When applied, the fertilizer can accelerate plant growth and increase resilience to diseases. The fertilizer is essentially the discharge from the digester tank. This discharge, the result of a long digestion process, is packed with various macro & micronutrients, in the liquid form for rapid absorption by plants.

Properties:

Macronutrients present	N, P, K, Ca, Mg, S
Micronutrients present	B, Cu, Fe, Mn, Zn, Cl-, Mo, Na, Ni
Ca, Mg, S	<10 cfu/100mL*
Fecal Coliforms	<10 cfu/100mL*

 **WARRANTY**

1. Warranty Length: for a period of 5 years after receipt, installation and commissioning, the Biogas Equipment (excluding Accessories, where the biogas stove has a warranty length for 12 months after receipt and installation) conform to the requirements of this Agreement and are free from any defect in material and workmanship.
2. During the warranty period, should a problem arise with the piping, gas valve, biogas unit, water ballasts, these items will be replaced at the company's expense with material of the same functionality. Company will bear the cost of transportation and maintenance visit.
3. All appliances purchased will be tested in the presence of the client before handover. If the appliances malfunction within a month, after clear inspection to assess the reason for the malfunction, the client may be eligible for a replacement.



SAFETY



Use only devices compatible with or adapted for biogas use.



Dispose the gas filter content into the fertilizer pit



Do not drink the liquid effluence



Do not place any object on top of the system.



No open flames or sparks within 5 meters (15 ft.) from the system.



(RECOMMENDED) Build a fence around the system to protect it from children and animals.