

HEFT

AN APPLICATION FOR ON FARM EUTHANASIA

For the daily routine to stun and end the life of pigs and poultry.
Ready to be immediately used as a first response.

HEFT

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LESS PAIN
AND STRESS



TRANSPARENCY
AND VISIBILITY



EASY AND
SAFE TO USE



TIME
EFFECTIVE

THE HEFT TECHNOLOGY

TECHNICAL DATA AND MEASUREMENTS

HEFT FOAM CONCENTRATE

The HEFT Foam Concentrate is specially designed to meet the technical and animal welfare criteria of the HEFT systems. It is made from renewable resources such as rapeseed and coconut oil. Designed to have minimal impact on animals, humans and nature.

- Homogeneous and large bubbles
- Dry and clear bubbles
- No opaque
- Minimal residues
- Classified as non-hazardous waste
- Non skin irritation and safe to use



GENERAL

Model name	H1
Size	L x W x H 1150x750x510mm
Animal area	L x W x H 850X600X280mm
Usage certification	HEFT Certification H1
Control unit	DS1
Filling time (foam)	7 seconds

MAINTENANCE

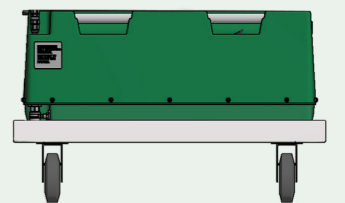
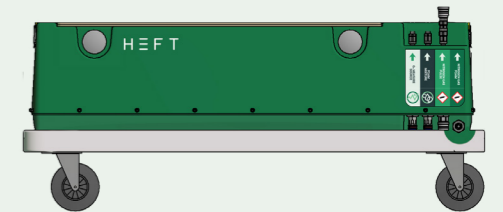
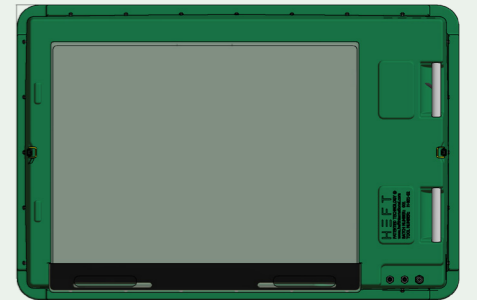
Service	Once every 18 month
Cleaning	Run the system with clean water before storage
Storage	Store dry, not to be exposed to major changes in temperature

DESIGN DATA

Max temp	45°C
Min temp	+0°C

CONSUMABLES (PER RUN)

Gas	~213 l
Foam mixture	~0,23 l (95% water and 5% HEFT Foam Agent)



DS1 (DOCKING STATION 1)

DS1 is the docking station to control and distribute foam mixture and gas into the container. The connections and the fitting tubes are colour marked for easy assembling.

The DS1 can be delivered with a rack for convenient and safe storing. The rack is mobile to enable the DS1 to be stored away when not used or moved.



GENERAL

Size L x W x H	900x600x1625mm
Cabinets	Pump, control system
Liquid tank	Optional oxygen measurement
Power	20L
Compatible unit	110 240V, 50 60Hz
	C1, H1

MAINTENANCE

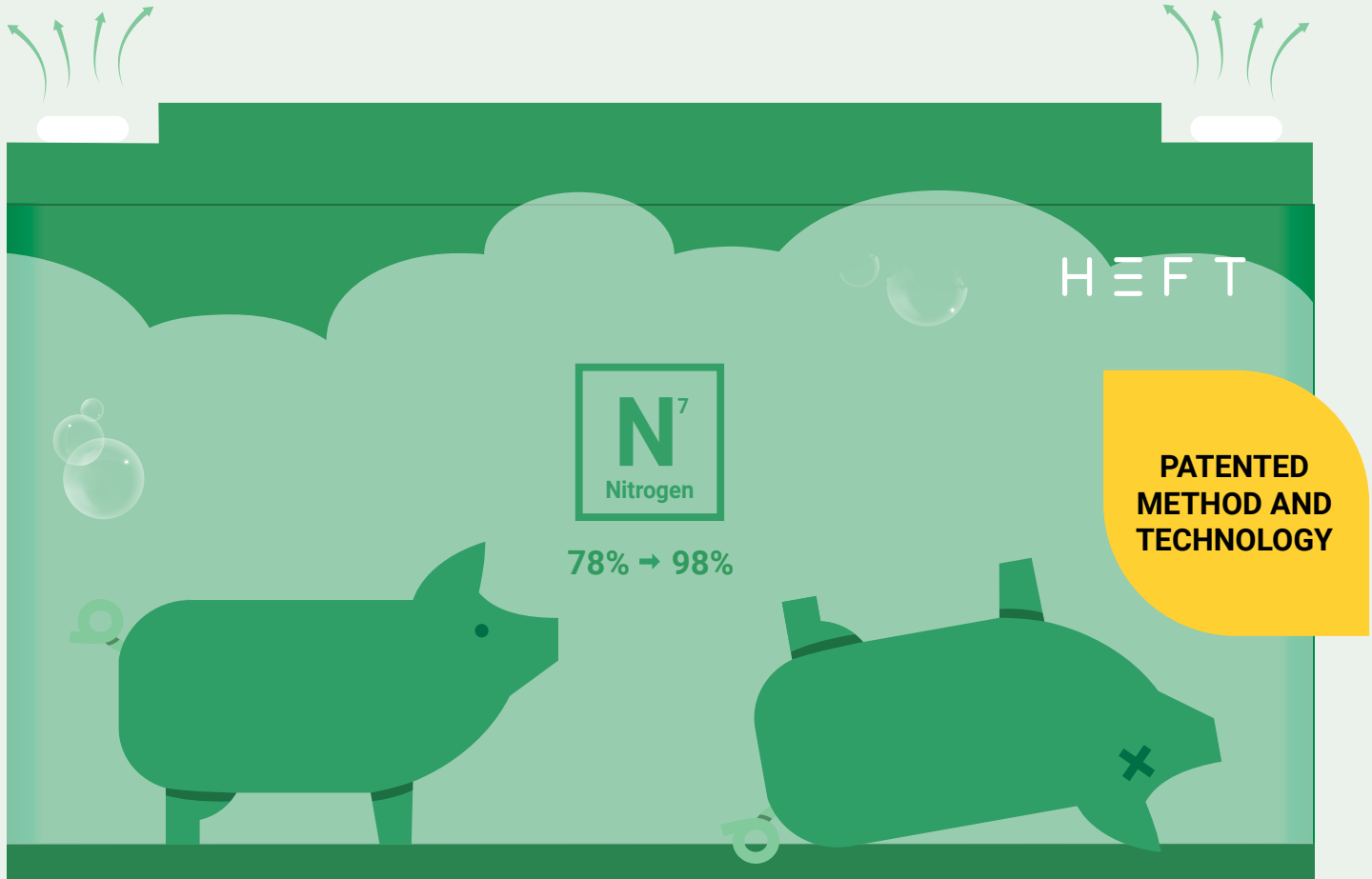
Service	Once every 18 month
Cleaning	Wipe with a damp cloth
Storage	Store dry, not to be exposed to major changes in temperature

DESIGN DATA

Max temp	45°C
Min temp	+0°C
Pressure	10 Bar(g)

SUSTAINABLE SOLUTIONS TO END THE LIFE OF PIGS AND POULTRY.

Because of the respect for farm animals and animal care workers HEFT has developed a more humane method, based on science and proven methods, to improve the handling of the last step of farm animal life.



Process

- 1 In about 10 seconds the container is filled with foam. The bubbles contain 100% nitrogen.
- 2 A burst of nitrogen is added, the bubbles break and an atmosphere with only nitrogen is created.
- 3 The animals lose consciousness within 10-20 seconds and will be irreversibly stunned with minimal stress and pain.

Benefits

- High expansion foam controls the gas, pushes out the air and makes the process quick.
- No occlusion of airways due to dry and large bubbles that burst quickly to release the gas.
- Animals have no receptors that make them react to the instantaneous change of atmosphere with nitrogen levels from 78% to 98%.