



ECO HEATER

POULTEC ECO heaters for gas and oil are ideal for all kinds of poultry productions. The heaters are direct fired and therefore combine 99% efficiency with low fuel consumption. The simple combustion system ensures reliability and easy maintenance.

The ECO heater is fitted with a flexible outside air intake duct to supply oxygen-rich combustion air. Air from the inside of the shed is not used for the combustion process. As a result, a clean and optimal combustion is guaranteed.



All POULTEC heaters are specifically designed for reliable and durable operation in poultry house.

Their large capacity and special shape result in ideal heat distribution and the low noise motor and fan keep the birds calm.

A main advantage offering the ECO heater flexibility is that the same burner principle is used for different fuel types. What makes it possible to change the heater from one type of fuel to another with a simple process.

The light weight and robust design of the heaters makes it possible to hang them from the farm ceiling.

Benefits of the ECO heater:

- Proven reliability and durability for use inside poultry houses
- Saves energy through 99% fuel and electrical efficiency
- Optimizes climate and air distribution for maximum profitability
- Clean combustion guaranteed by standard outside air intake
- Electronic ignition and automatically controlled combustion and restart
- Easy to clean and maintain between crop cycles
- Easily connected to any climate control panel or thermostat
- Available in natural gas, propane, paraffin oil and diesel
- Very clean combustion with low CO levels
- Easily converted from one oil type to another
- Attractive price/performance level

All the controls are safely housed in a dust and splash-proof enclosure for maximum protection against the elements and inter-crop cleaning.



Specifications:

Applications		ECO Heater 75	ECO Heater 120
Heat output (lower)	kw	75.0	120.0
Heat output (upper)	kw	83.3	133.3
Fuel consumption			
- Natural gas	m ³ /h	7.7	12.3
- Propane	kg/h	5.4	8.6
- Paraffine oil/diesel	l/h	8.0	12.8
Ventilation capacity	m ³ /h	5,000	6,000
Throw	m	40	45
Power conection	1ph-V/Hz	230/50-60	230/50-60

The electronic ignition and the combustion process are digitally controlled. The heater will automatically restart if a minor fault, such as a gas or voltage dip, should occur.



PCF Air circulation fan



The PCF air circulation fan is an ideal solution for reaching maximum heating efficiency and for the guarantee of a homogeneous temperature level all over the farm.

This simple configuration fan is purpose-built for the agricultural sector. It has low power consumption and a low noise level.

The fan shell is made from steel sheet with a resistant white coating. The motor mounting brackets are stainless steel, the motor casing being from aluminum.

The PCF light weight makes it possible to hang it from the roof and perform any needed cleaning and maintenance with the greatest of ease.

The high efficiency of the motor combined with the fan blade design and the outer shape of the PCF result in giving the fan a considerable range of 40 meters.