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972-53-3410624



ECOLOGZ

A Holistic approach for Climate Control in Poultry Houses

Efficient & Healthier Poultry House Heating

ECOLOGZ pellet systems use an efficient indirect heat exchanger that supplies warm, dry and oxygen-rich air without combustion gases entering the house. The result is improved climate stability, lower humidity and significant energy savings.

Conventional gas heaters release water vapor and CO₂ directly into the poultry house, increasing humidity and reducing air quality. This forces ventilation systems to bring in cold outside air, causing repeated heater operation and unnecessary energy loss.

Stable & Uniform Heat

Consistent heating performance helps maintain optimal animal comfort and reduces temperature fluctuations inside poultry houses and livestock facilities.

Advanced Climate Control Integration

ECOLOGZ pellet heating systems are fully connected to the poultry house climate control system, enabling precise and fully automatic temperature management for optimal growing conditions.

Renewable Energy Source

Produced from recycled wood biomass in a circular economy process.

Easy Storage & Handling

Available in: 8 mm pellets, 10 kg bags, Supplied on 1,000 kg pallets

WOOD PELLET TECHNICAL DATA

LABORATORY TESTED IN ITALY: Chemical & Analytical Testing, Gruppo C.S.A. S.p.A. – Rimini, Italy

Parameter	Result
Moisture	6.8%
Ash Content (dry basis)	3.7%
Higher Heating Value (HHV)	15,120 kJ/kg
Lower Heating Value (LHV)	13,960 kJ/kg

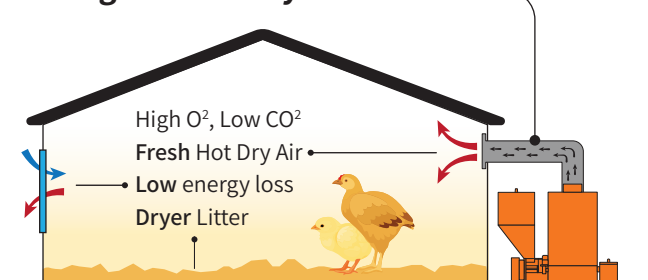
Expected outcomes using EcoLogz Climate Systems

Monitoring inside poultry houses heated with ECOLOGZ wood pellets demonstrated:

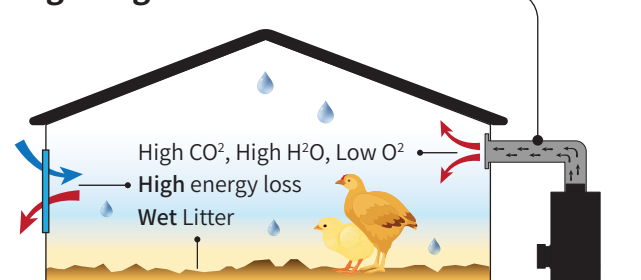
- Stable temperature maintenance
- Reduced temperature fluctuations
- Improved humidity control compared to conventional gas heating systems

Reliable climate control contributes to improved comfort conditions for poultry and livestock operations.

EcoLogz Climate System



Regular gas burner



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