



LEAD EXP'AIR

HEAT EXCHANGER
WITH HEATING

CONTROL YOUR VENTILATION AND HEATING FROM THE START

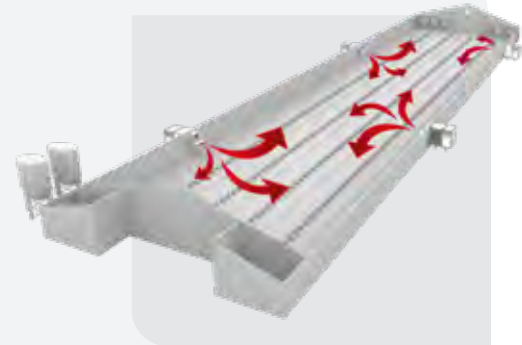
- + AIR FLOW CONTROL
- + AIR TREATMENT
- + REDUCTION OF EMISSIONS (CO_2 , NH_3)
- + ENERGY SAVINGS
- + REDUCTION OF PODODERMATITIS
- + SIMPLE INTEGRATED MANAGEMENT INTO THE BUILDING'S VENTILATION



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MODULAR UNIT TO HEAT AND VENTILATE POULTRY HOUSES

Combines heating, heat exchanger (up to 3500 m³/h) and exhaust (up to 6000 m³/h).

Precise ventilation, without air speed, according to the weight curve of the animals and the need for air renewal.

Centralised control via the building's regulation system.



PERFORMANCE AND HOMOGENEITY OF THE ENVIRONMENT

Uniform distribution of air.

Uniforms temperatures and reduced thermal amplitude.

Improved bird sleeping area and better litter condition ▶ less pododermatitis.

Controlled humidity.



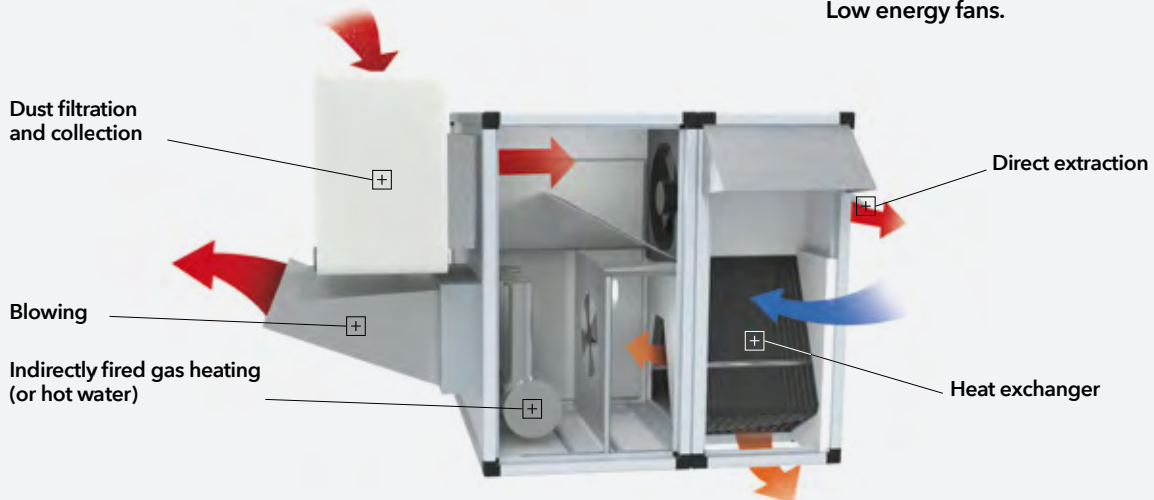
REDUCED IN EMISSIONS

Less ammonia, less CO₂, less dust, less odours.



ENERGY SAVING

Control of gas consumption.
Low energy fans.



LEAD CLEAN'AIR FILTER

Filtration solution to reduce dust in exhausted air.

Keeps heat exchanger blocks clean.

Can be operated totally independent in fan mode or complementary to Lead Exp'Air.

TECHNICAL CHARACTERISTICS

- ▶ Modular unit, several options availables:
 - Exchanger module + heating
 - With or without the LEAD CLEAN'AIR filter module
- ▶ Progressive EC Ecowind fans: incoming air up to 3500 m³/h
- ▶ 39 Kw/h indirect combustion gas heater or 50 Kw hot water radiator
- ▶ Insulated casings
- ▶ Removable heat exchanger blocks
- ▶ Integrated management in the MEGAVI CONNECT control system from Sodalec

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Le Roy 
LEAD LE ROY CONCEPT

DESIGNER AND MANUFACTURER OF LIVESTOCK EQUIPMENT