

▶ **LEAD EXP' AIR**
NEW CONCEPT OF VENTILATION



VENTILATION + HEATING FOR LIVESTOCK BUILDINGS

- ▶ UNIFORM AIR QUALITY
- ▶ REDUCES EMISSIONS (CO2, NH3)
- ▶ BETTER HYGROMETRY MANAGEMENT
- ▶ ENERGY SAVING
- ▶ MODULAR CONSTRUCTION



www.le-roy.fr

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LEAD LE ROY CONCEPT

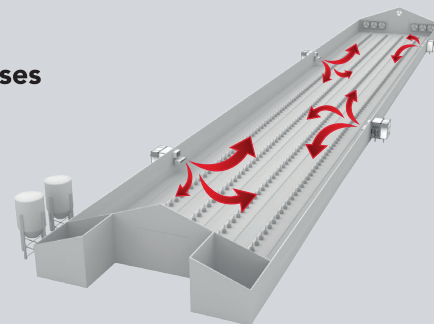
DESIGNER AND MANUFACTURER OF LIVESTOCK EQUIPMENT

LEAD EXP'AIR



Modular unit to heat and ventilate poultry houses

- ▶ Combined heating and heat recovery (up to 3500m³/h) and ventilation (up to 6000m³/h)
- ▶ Precise ventilation according to body weight and air replacement, no air speed
- ▶ Controlled by the house computer



Improved atmosphere and uniform air quality

- ▶ Uniform distribution of air (heat and heat exchanger)
- ▶ Temperature uniformity throughout the building
- ▶ Improved birds sleeping area
- ▶ Better litter condition



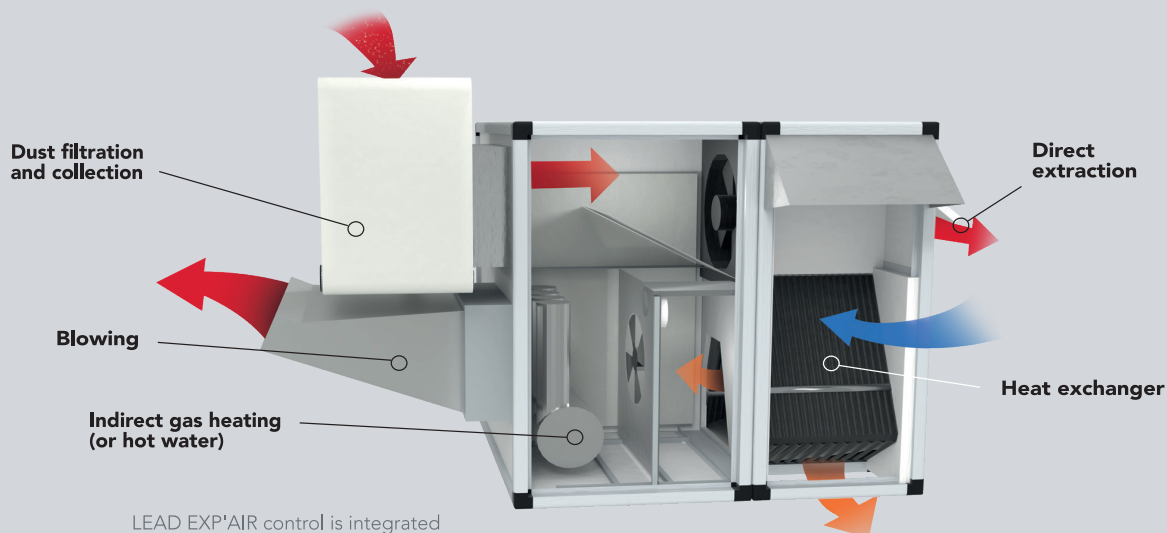
Reduction in emissions

- ▶ Less ammonia, less CO₂, less dust, less odour
- ▶ Controlled humidity



Energy management

- ▶ Control of gas consumption
- ▶ Low energy fan



LEAD EXP'AIR control is integrated in the MEGAVI CONNECT controller by Sodalec.



Filter LEAD CLEAN'AIR

- ▶ Filtration to reduce dust in exhausted air
- ▶ Keeps heat exchanger block clean
- ▶ Can be operated totally independent controlled or complementary on fans or stratificators

Technical features LEAD EXP'AIR

- ▶ **Modular unit, many options available:**
 - Heat exchange module only - Heating module only
 - Heat exchange + heating modules
 - With or without the filtration module LEAD CLEAN'AIR
- ▶ **Progressive fans EC : incoming air up to 3500m³/h, exhaust up to 6000m³/h**
- ▶ **Gas heater indirect combustion 39kw/h, or hot water radiator**
- ▶ **Insulated casing**
- ▶ **Removable heat exchange block**

Good sense applied to ventilation

Designers of the MULTIBECK feeder, **LE ROY** is gearing towards the poultry house of the future. With **LEAD'AIR**, **LEAD EXP'AIR** and **LEAD CLEAN'AIR** offering a wide choice of poultry house environment. Designed and constructed in France.

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