

LEAD'AIR 2800E HEAT EXCHANGER

PROGRESSIVE VENTILATION
VIA BUILDING CONTROL BOX



IMPROVES THE ATMOSPHERE AND REDUCES HEATING COSTS

- ▶ Management via the building control box in 0-10V
- ▶ Easy to install, connect and use
- ▶ Reduces temperature variation and humidity level in livestock buildings
- ▶ Easy cleaning and disinfection



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Le Roy  **LLC**
LEAD LE ROY CONCEPT

LEAD'AIR 2800E HEAT EXCHANGER

PROGRESSIVE VENTILATION VIA BUILDING CONTROL BOX

Reduces temperature variation and humidity level in livestock buildings

- ▶ Uniform building temperatures following the set temperature.
- ▶ Reduces temperature range.
- ▶ Homogeneous control of humidity in the building.
- ▶ Reduction of emissions: less ammonia, less odour, less dust.

Allows substantial gas savings

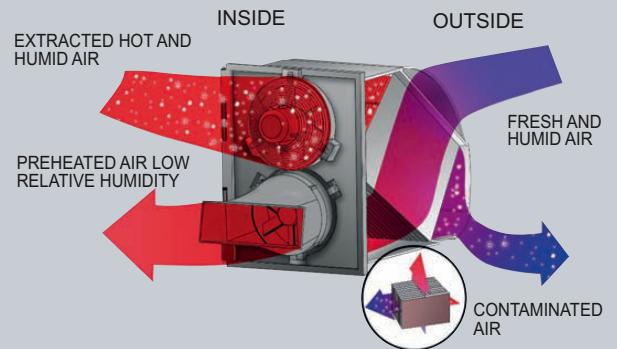
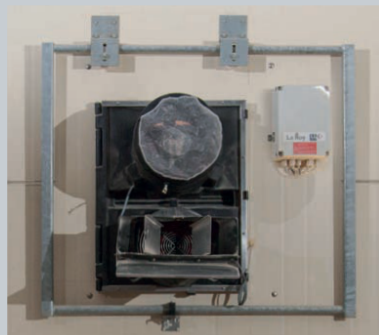
- ▶ The heat exchanger uses building heat to warm the incoming air.
- ▶ Maximum heat recovery without recycling.
- ▶ The HRV reduces building heating needs.

Easy cleaning and disinfection

- ▶ Removable exchanger bloc for disinfection of incoming and exhaust air area.
- ▶ Filtration system.

Progressive control

- ▶ Direct connexion to building controller with the 0-10V and two dry contacts.
- ▶ Easy to use.
- ▶ Dedusting.
- ▶ Defrost option for extreme cold temperature.



Optional: Closing system

- ▶ Heat exchanger is stopped by the MEGAVI, depending on the outside temperature (hot day). The shutters are automatically closed to prevent parasite air inlets.
- ▶ With a cold night the MEGAVI can restart the heat exchanger, and the shutters open automatically.
- ▶ Heat exchanger can be used longer during the batch, avoiding duplicate power consumption with other exhaust fans.



Technical features

- Width 550 mm, height 725 mm
- Reinforced and robust
- High resistant polyethylene
- No drainage in the building
- Fan 2800 rpm
- Progressive box compatible MODBUS (RS 485)

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Contact :

Z.A. La Richardière

35530 Noyal sur Vilaine - France

Tel.: +33 (0)2 99 50 73 98

Fax : +33 (0)2 99 51 18 73

E.mail : info@le-roy.fr

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