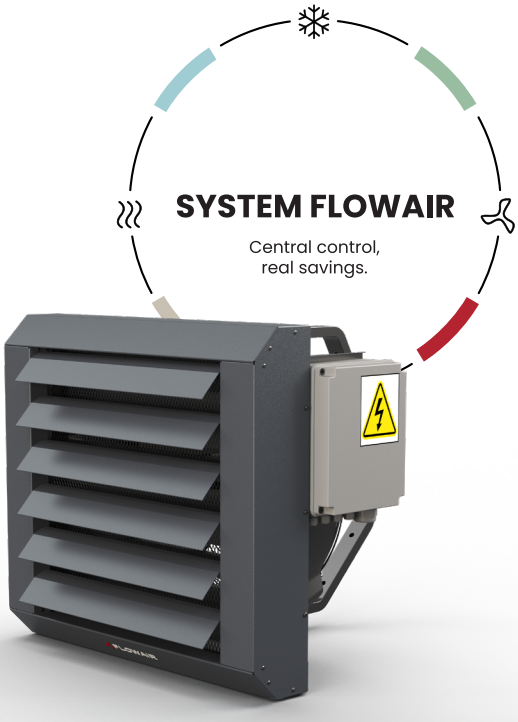
FLOWAIR
intelligent air flow

LEO EL

Electric
heater

Electric heater LEO EL



What is LEO EL?

The LEO EL BMS electric heater is a solution for medium and large industrial and commercial facilities where there is no access to other heat sources, such as gas or water systems. The body of the heater is made of steel, which guarantees durability and resistance to mechanical damage. The heater is equipped with a heat exchanger consisting of PTC-type heating elements that adjust their temperature according to the airflow. Due to the special design of the heating elements, the heater ensures maximum utilisation of heating power at each heating level.

Advantages of the device

- Wall-mounted or ceiling-mounted installation.
- Operates in destratification mode.
- High-efficiency, 3-speed fan.
- Complete automation included.
- Option to create a simple ventilation system with a mixing chamber.
- PTC electric heating elements – even temperature distribution.
- Can be connected to the FLOWAIR SYSTEM or BMS automation.
- Up to 9 heating power variants.

Application

- industrial halls
- workshops
- car showrooms
- warehouses
- pavilions

Technical data

	LEO EL S	LEO EL L
Heating capacity [kW]	5,3 - 10,8	6,8 - 22,8
Max. air flow [m^3/h]	2000	4250
Power supply [V/Hz]	3x400	3x400
Rated current [A](1)	15,6	33,3
IP	20	20
Sound pressure level [dB(A)](2)	56,3	64,1
Sound power level [dB(A)](3)	71,4	79,2
Horizontal range [m](4)	14	24
Vertical range [m](5)	5,3	8,3
Type of casing	powder-painted steel	powder-painted steel
Color	grey	grey
Usage	inside buildings	inside buildings
Operational temperature [°C]	0...+50	0...+50
Position of operation	vertically on the wall, horizontally under the ceiling	vertically on the wall, horizontally under the ceiling
Mass [kg]	19,7	27,8

(1)Temperature of 0°C at the inlet, 3rd gear/speed of fan

(2)Acoustic pressure level at the distance of 5 m from the unit, in the room of medium capability of sound absorption and 1500 m3 of cubature

(3)Acoustic power conforms with PN-EN ISO 3744:2011

(4)Range of horizontal isothermal air stream, at 0,5 m/s velocity limit.

(5)Range of vertical nonisothermal air stream, at 20°C at the inlet, 0.5 m/s velocity limit

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Creating efficient and reliable HVAC solutions is our everyday mission. We focus on complete **commitment** - from the first draft of a project to advanced training.

Design: Together with the client, we build a vision for the HVAC system, that combines efficiency, ecology and intuitiveness.

Logistics: Right from the design stage, we ensure that every equipment is thought through in terms of logistics and transport.

Service: Initial start-up? Maintenance? Or perhaps operation optimization? We are always available to ensure that your system runs at peak performance.

Training: With us, theory becomes practice. We provide training and share our knowledge with designers, contractors, investors or future engineers.

We offer support at every stage of the project.

Scan the QR code and contact your FLOWAIR consultant

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