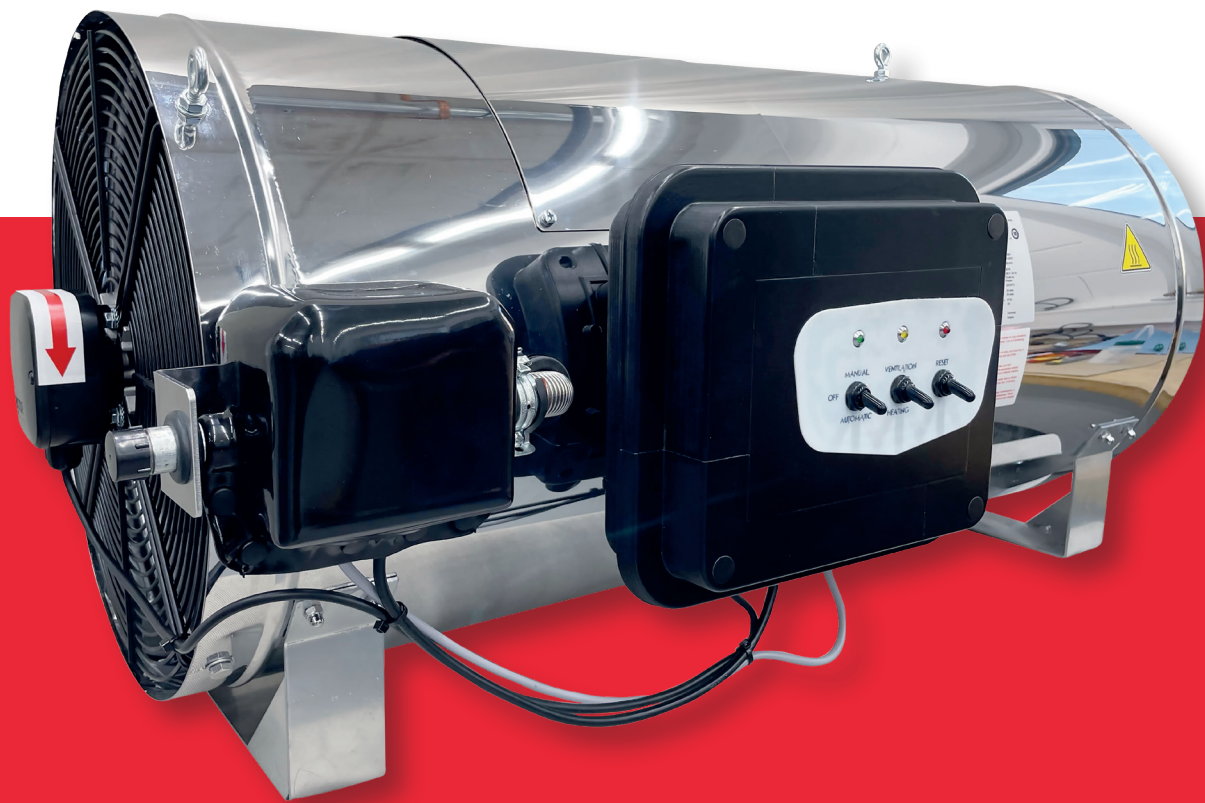




HEATING SOLUTIONS



MR Series Heaters

A complete range of solutions

In the field of animal husbandry applications, ermaf has more than 50 years of practical experience worldwide with hot-air blowers specially developed for use in intensive livestock breeding such as for poultry, pigs and cattle. The portfolio range is composed by direct and indirect fired air heaters, each one to fulfill customers' expectations in all installation conditions.



The direct fired air heaters product range

The direct fired air heaters product range is now composed by the ermaf GP series and the new Resideo MR series. The ermaf GP series is ideal for energy intensive installations, where the Resideo MR series is focused on the needs of heating in emerging markets. They were both designed in Germany with the customers' needs priority in mind and the same attention to details.



ermaf GP series



Resideo MR series

resideo

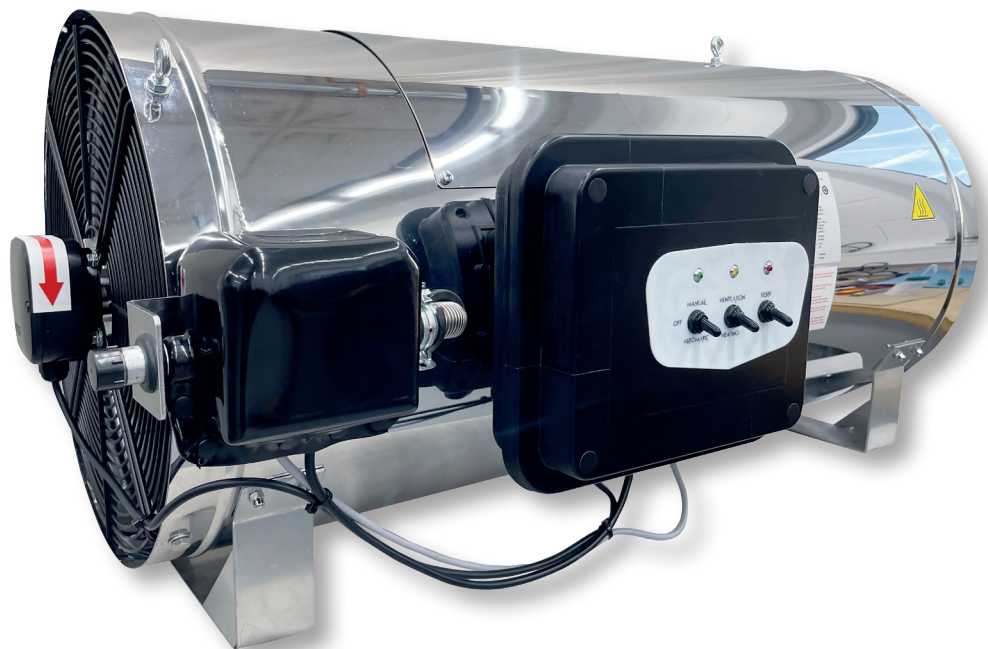
MR Series: simplicity and power

During the years, the tube-shaped air heater design has proved to be very efficient in terms of temperature distribution and optimal comfort performances for animals in barns.

His exceptional resistance in harsh environments gained the reputation at thousands customers. Now with the Resideo MR Series heaters it's more affordable than ever.

Thanks to the reliable and cost-effective combustion technology, everyone can now benefit from the advanced design and quick installation.

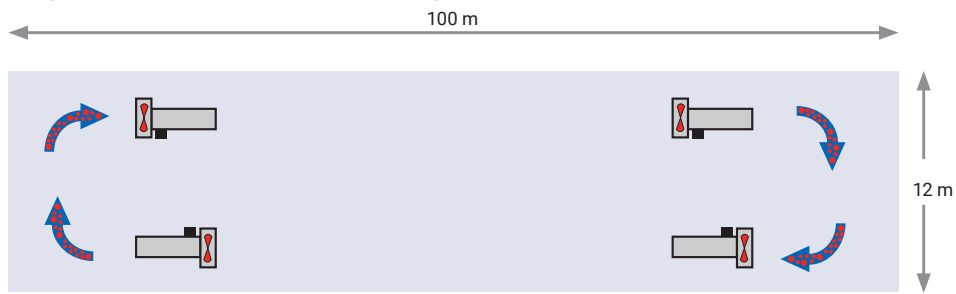
Operation is very simple, without sacrificing performances.



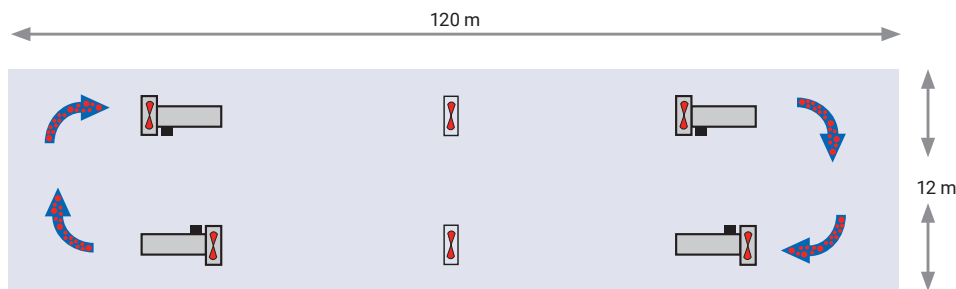
MR Series heaters key features

- Especially designed for markets that demand cost effective heating solutions
- Two models, 70kW and 95kW, natural gas or propane
- 100% efficiency, fast heat-up time
- Easy operation, low installation cost
- Very reliable and proven air heater design
- Resideo burner control and gas valve, for long life durability
- Long jet length
- Resistance to water jet cleaning
- Easy access via hatch to the internal components for faster maintenance
- Control possible via climate computer or room thermostat
- CE approved

Layout examples – Poultry installations



Example 1: Mild climate, estimated heat demand: 260kW, Suggested: 4x MR70



Example 2: Mild climate, estimated heat demand: 375kW
Suggested: 4x MR95 and 2x R20-9 recirculation fans to extend the jet-length
Note: as reference only. For agriculture layout proposals, please contact us.

MR Series product selection

Type	Version	Voltage V	Capacity kW	Air output m ³ /h	Jet length m	Consumption	
						Natural gas (H) m ³ /h	Propane m ³ /h
MR0701100	Natural gas (H)	230	70	4225	35	6,55	
MR0702100	Propane	230	70	4225	35		2,5
MR0951100	Natural gas (H)	230	95	4615	40	8,9	
MR0952100	Propane	230	95	4615	40		3,4

Circulation fans

Type	Air output	Jet length
R20-9	5,800 m ³ /h	45 m
R20-14	8,600 m ³ /h	60 m



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