

NEW

Livestock heating

**Indirect gas fired heater
KAFH V
Outdoor installation**



 **kromschroeder**

Indirect gas fired heater KAFH V - Outdoor installation

The technological combination between heating and energy efficiency

Characteristics of KAFH V

Like their indirect combustion predecessor, KAFH V hot air heaters are devices for generating heat in livestock applications. They use gas as fuel.

The indirect combustion means that the resulting gases, such as CO₂ and nitrous oxides, are not released inside the building, allowing better environmental conditions during breeding and reducing the need for ventilation

They run with the various types of gas indicated on the equipment plate, in compliance with European directives.

Available in 80 kW output.

Installation and operation

KAFH V indirect combustion hot air heaters are installed outside the buildings, the hot air diffuser and impeller fan remain inside the building.

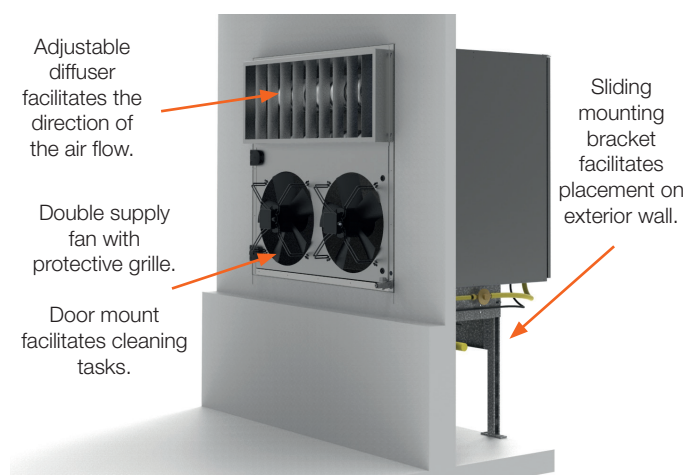
When heat is required, the burner is automatically switched on through the ignition electrode. After reaching the right temperature on the closed combustion chamber, the fans will start making the air room to circulate through the heat exchanger increasing its temperature.

By moving the diffuser the hot air is addressed to where it is needed. Combustion takes place outside the building.

When the set temperature is reached, the burner is turned off and the fans remain on until the temperature drops below the impeller temperature.

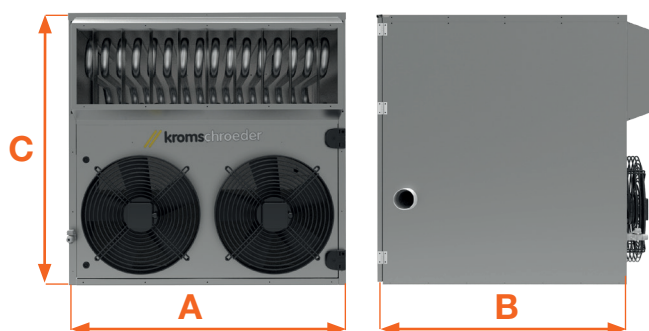
Advantages of KAFH V hot air heaters

- Reduction of CO₂ emissions and humidity in the atmosphere, allowing for a better quality of life for birds.
- Increased of available space and easier cleaning tasks after breeding, because of the easy access to fans
- High quality, durability and comfortable heat.
- As it is installed on the outside, no additional gas evacuation system is required.
- Modbus control system between generators. Ability to be operated by existing controls in poultry houses. Can also operate stand-alone (manual) mode.
- For electrical maintenance tasks, going inside the building is not required.
- Quickly heat up.
- Up to 25% savings in energy consumption



Technical features		KAFH V
Maximum calorific capacity output (kW)		78,5
Minimum calorific capacity output (kW)		55
Efficiency (%)		93
Fan (mm)		2x450
Rotation speed (rpm)		1.350
Air flow (m ³ /h)		9.000
Gas flow a 15° C	LPG(kg/h)	6,3
	NG (m ³ /h)	8,5
Working pressure (mbar)	LPG	37
	NG	20
Supply voltage		230Vac / 50-60Hz-IP54
Electric power		990 W / 4,5 A
Weight (kg)		280

Dimensions	KAFH V
A (mm)	1.120
B (mm)	1.110
C (mm)	1.130
Ø Flue pipe (mm)	80
Gas (")	M 3/4



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