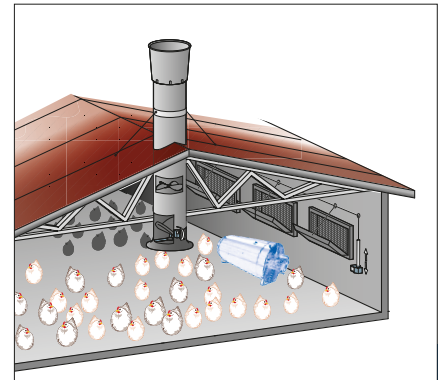




Directly fuelled fan heater »Heat-X« type DG

Heating with an efficiency of 100% – durable and efficient



Advantages

- Fan heater entirely made of stainless steel
- Available in 3 sizes: 75, 100 and 120 kW
- Reliable, durable and efficient
- Precise error indication
- Hourly self-check
- Permanent air flow monitoring
- High air capacity
- Efficiency 100%
- Protective class IP 54
- CE-tested
- Easy to clean
- Modern technology
- Modern and robust design

The »Heat-X« type DG is a directly fuelled fan heater with a stable flame for the clean, complete combustion in connection with low energy consumption.

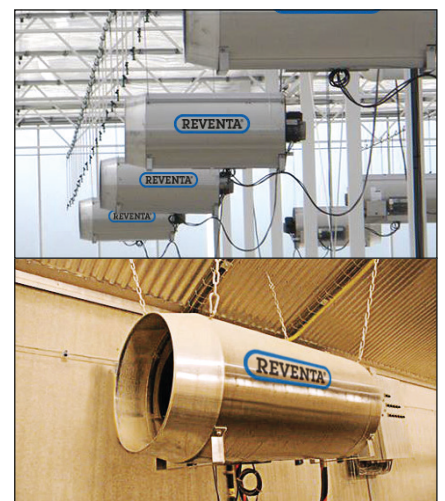
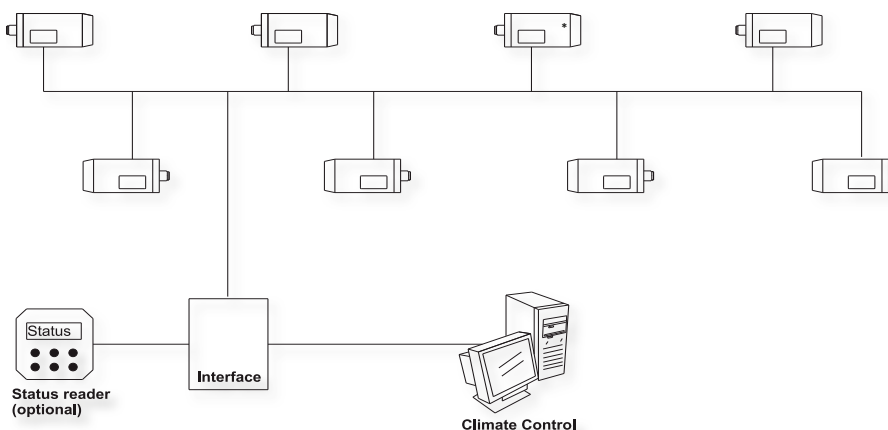
Optimal stable temperatures have a large influence on the health and efficiency of the animals. As a result, in many climatic regions the use of a heater is essential. In addition to the correct temperatures, the uniform air distribution is a further important factor in order to achieve the best possible conditions both in agriculture as well as in horticulture.

The »Heat-X« type DG was specifically developed in order to control these factors.

The air volume of 6,000 – 7,000 m³/h attuned to the heating capacity and the special, conical outlet of the fan heater provide an optimal air distribution, which safeguards the even heat distribution and a uniform climate.

The »Heat-X« type DG is suitable for different fuels and can be delivered in the following versions: Natural gas (H-gas and L-gas), butane, propane or liquefied petroleum gas. The fan heater is set to the desired fuel at the factory. Alternatively, a conversion kit is available, with which the gas type can be set on-site.

Alternative connectivity possibility with remote status reader



»Heat-X« type DG images from practical applications

Directly fuelled fan heater »Heat-X« type DG

Heating with an efficiency of 100% – durable and efficient

»Heat-X« type DG reliable and robust

The housing of the »Heat-X« type DG is entirely made of stainless steel and ensures a long, maintenance-free service life.

Safety and control

The reliability of the »Heat-X« type DG must be emphasized in particular. Of course the fan heater is CE-certified and each »Heat-X« type DG is subjected to a final inspection. In the course of this, the electrical safety, the correct emission values and the general function are verified.

The fan heater is equipped with the latest technology for the optimal control. The ignition process is fully digital controlled. Up to 3 restarts are performed automatically in the event of flame failure.

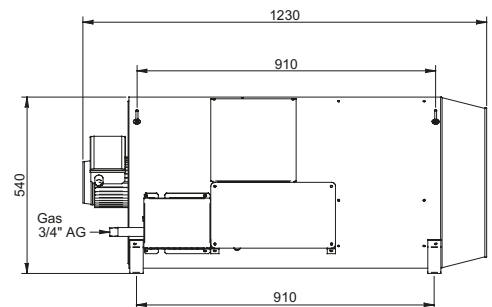
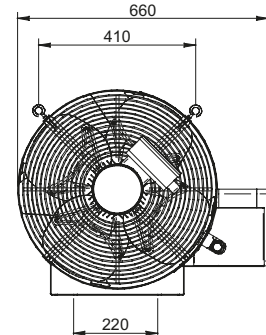
The status of the heater can be monitored on the circuit board in the control module.

Maintenance, service and cleaning

The »Heat-X« type DG is made of stainless steel and as a result very robust.

Additionally, it must be emphasised that all relevant parts, e.g. the control circuit board, are located in a splash-proof housing, making it possible to easily clean the »Heat-X« type DG after each fattening period.

The fan heater of the »Heat-X« type DG has been developed in such a manner that the susceptibility to interference is limited to a minimum and as a result the safety is maximised. This ensures the optimal conditions for the animals.



Technical data

	»Heat-X« type 4 DG	»Heat-X« type 5 DG	»Heat-X« type 6 DG
Capacity	75 kW	100 kW	120 kW
Air flow (heating)	6,000 m ³ /h	6,000 m ³ /h	7,000 m ³ /h
Throwing range	≈ 40 m	≈ 40 m	≈ 45 m
Fan connected load	230 V; 2,8 A; 550 W	230 V; 2,8 A; 550 W	230 V; 3,8A; 800W
Gas consumption G20 (natural gas)	7.9 m ³ /h	10.5 m ³ /h	12.6 m ³ /h
Gas connection pressure G20	17 – 25 mbar	17 – 25 mbar	17 – 25 mbar
Gas consumption G25 (natural gas)	8.9 m ³ /h	11.8 m ³ /h	14.2 m ³ /h
Gas connection pressure G25	18 – 30 mbar	18 – 30 mbar	18 – 30 mbar
Gas consumption G30 (butane)	6.0 kg/h	8.0 kg/h	9.5 kg/h
Gas connection pressure G30	20 – 57.5 mbar	20 – 57.5 mbar	20 – 57.5 mbar
Gas consumption G31 (propane)	5.9 kg/h	7.9 kg/h	9.5 kg/h
Gas connection pressure G31	25 – 57.5 mbar	25 – 57.5 mbar	25 – 57.5 mbar
Dimensions H x W x L	660 x 1,230 x 540 mm	660 x 1,230 x 540 mm	660 x 1,230 x 540 mm
Weight	40 kg	40 kg	45 kg

»Extras + accessories«



Remote status reader



Room thermostat ON/OFF



Interface unit



Gas pressure regulator
Natural gas and propane gas



Gas hose 3/4" and 1"