

# GoGaS®

WE BRING HEAT  
STRAIGHT TO THE POINT



## KMI Novus

High Intensity Heater

### GoGaS – Your Big Plus

- 100 % insulated reflector
- Patented two step nozzle
- Superior radiation efficiency



# KMI Novus. High intensity heater with the power for the future.

**Always improving what is already good** is the objective of our research and development work. The tried and tested KOMBIMAX has found a worthy successor in the KMI Novus. The latest technical know-how has been packed into a modern design. Its innovative injector burner works almost pollutant-free and guarantees optimum combustion – from the smallest to the largest heater unit, with only one combustion chamber. The heaters are available to match your requirements: from 6 to 36 kW output.

**Energy is a valuable commodity** and should therefore be used as effectively as possible. This is why the new KMI Novus high intensity heater generation has 100 % hood insulation, which also comprises the side panels. The newly developed “Max Fiber” insulating material acts like a protective shield and prevents heat losses through convection.

**The new “high-grid”-technology**, which is as simple as it is effective, ensures further optimisation of the radiation yield. A radiation grid in front of the ceramic plates creates secondary radiation, which increases the heat yield even more.

**The result of these innovations:** the KMI Novus demonstrably provides one of the highest radiation factors – measured at an independent test institute according to DIN EN 419-2:2006. The KMI Novus thus distinguishes itself as the ideal full and partial heating unit for large rooms in the commercial and industrial sector. With significant energy savings compared with conventional heating systems and high thermal comfort, the innovative KMI Novus gas infrared heater is top of the popularity table.

**Wide, concentrated or asymmetrical?** Adjustable reflector inserts direct the radiation to exactly the point where the heat is required. This allows the heating system to be used as required, and also allows individual adjustment to the geometry of the hall.

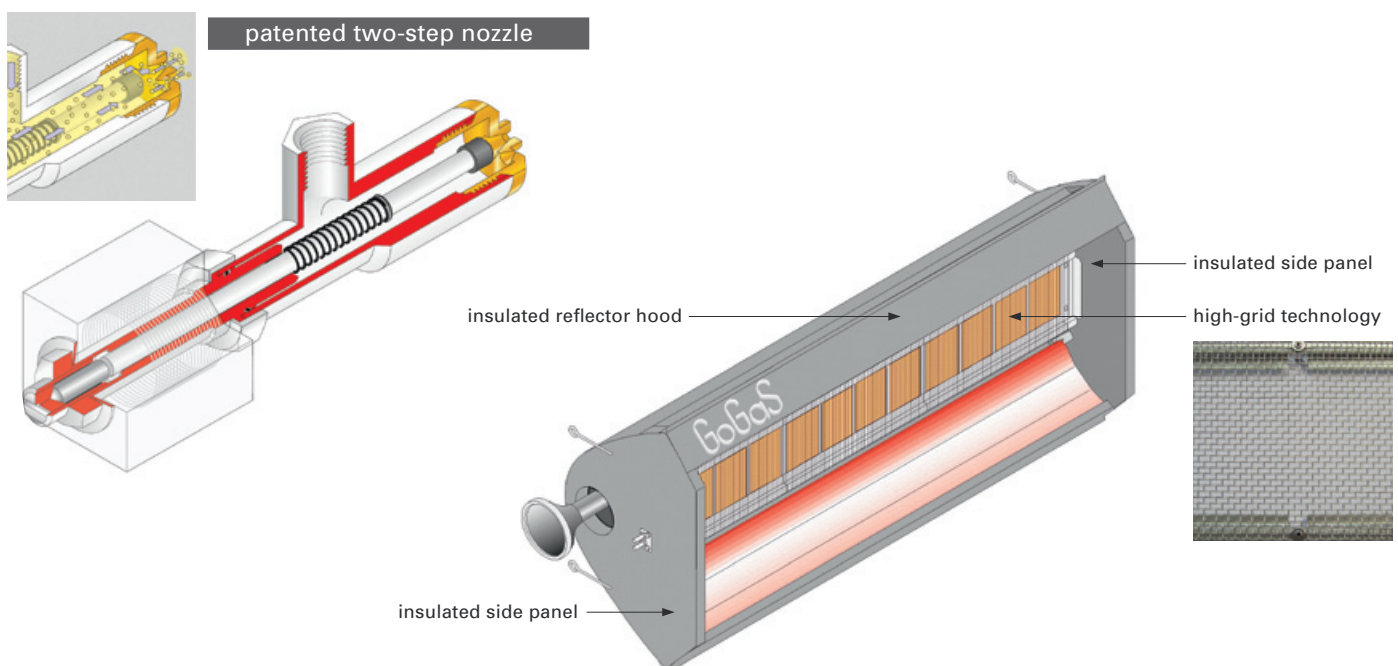


## Cost-effectiveness

Like a safe, the new, heat-insulated heater hood surrounds the combustion chamber in which the hot combustion gases are retained. This minimises convection losses, increases radiation efficiency and thus cost-effectiveness. The optimised preheating of the gas-air mixture leads to a high degree of energy utilisation. Since the reflectors are fully swept by hot combustion gases, they emit radiation energy with a high surface temperature. You can see this – in the bill for your heating costs as well.

## Regulation

**Constant maximum performance despite low gas pressure in the supply network?** Heating is guaranteed at all times with our special gas fittings. Our two step gas nozzle allows two-stage operation (0 %, 50 %, 100 % output) with constant pressure at the gas nozzle. The KMI Novus also guarantees optimum regulation even under low gas pressure conditions.



## Maintenance

**GoGaS infrared heaters are built for a long service life.** When maintenance is due, it can be done quickly and easily. The entire combustion chamber of the heater can be replaced in just a few steps. The thermal decoupling of the combustion chamber from the heater hood prevents thermal tensions within the construction. This means: nothing jams, everything fits!

## Your advantage

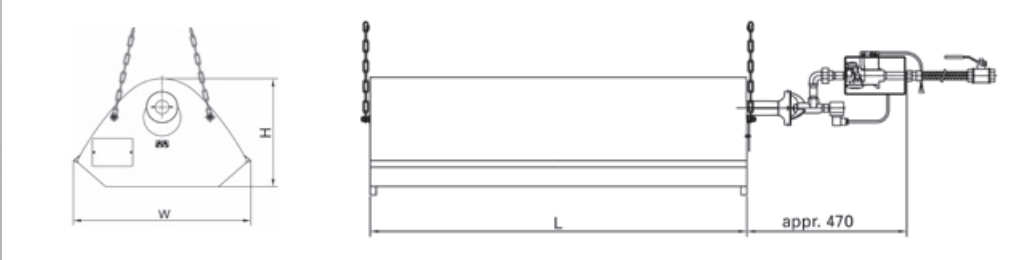
**Looks good. Feels good.** With its modern design and effective, pleasant radiant heat, KMI Novus can be used for many different architectural concepts. GoGaS infrared heaters are also the convincing alternative for leisure sites and church buildings.

The high level of cost-effectiveness compared with conventional heating systems results not only from the optimised radiation efficiency and the intrinsic system advantages. The consistent design of the new range of heaters as a modular system also has advantages for logistics, installation, utilisation and maintenance.

## KMI Novus - Technical data

Type	Nominal thermal load Stage 1/Stage2 kW	Nozzle pressure Nat. gas E / LPG mbar	Length mm	Width mm	Height mm	Weight kg
KMI 6	3 / 6	19 / 50	480	580	350	14,5
KMI 12	6 / 12	19 / 50	849	580	350	22,5
KMI 18	9 / 18	19 / 50	1218	580	350	30,5
KMI 24	12 / 24	18 / 50	1587	580	350	39,5
KMI 36	18 / 36	18 / 50	2325	580	350	54,5

## GoGaS High Intensity Heater, KMI Novus series



## Highlights. Convincing, point for point

- energy-saving reflector hoods with 100 % Max Fiber insulation
- maximised radiation yield through high-grid technology
- increased radiation efficiency
- optimised cold start and waste gas behavior
- increase in efficiency through maximum preheating of the mixture
- two-stage power regulation even under low gas pressure conditions
- logistics advantage through consistent application of the modular system
- flexible adjustment to the application through adjustable reflector plates
- reduction of maintenance costs through easy removal of the combustion chamber
- two step nozzle for maximum radiation efficiency even when operated at half load

# GoGaS®

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