

These devices have a standard efficiency of 55% which can be increased up to above 70% by applying isolation.

Our brand new **GHI** ceramic heaters developed for comply for the Ecodesign regular. The GHI has an insulated reflective shield managed to improve the appliance's effective. The **GHI ECO** has a dual layer reflective shield managed to improve the appliance's effective. We create the highest possible quality device due to the continuous research and development. One defining element of quality is that we use only the best materials during the production, like:

- ⊗ Heat-proof ceramic plates up to **1200 °C**
- ⊗ Honeywell magnetic valve and ignition controlling electronics
- ⊗ Robust and resistant enamelled mixing house
- ⊗ Simple and easy-to-assemble reflecting shield

Another contributing factor of the quality of our devices is that after the production only those products are exported from our plant that passed the final examination during which the data given by the customer were set-up.

This device is an atmospheric burning gas-powered infra-radiation machine that functions on the principle of high temperature heat radiation heating. The gas-air mixture flows into the bore-holes of a ceramic surface where the burning is happening in a way that the flames are pulled back into the bore-holes of the ceramic surface in normal mode. Due to the burning process the ceramic surface glows up to **850–900 °C** whose radiational intensity and heat transmission is fast. As for the design of the devices they can have a single or twin structure. The devices can be operated in two ways, with OFF–ON switching or with the two modes, **100%** or **50%**, of the twin devices. Further advantages:

- ⊗ **Extremely resistant** enamelled mixing house
- ⊗ Easy-to-assemble aluminised reflecting shield
- ⊗ Removable, easy-to-maintain burner
- ⊗ Easy suspension, can be mounted horizontally or in a tilted way
- ⊗ Easy-to-handle cardboard boxes
- ⊗ Up to a **5-year** complete warranty*

CURIOSITY

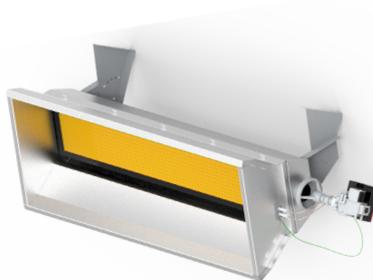
Unfortunately the industrial application of ceramic heaters has fallen into the background recently the reason of which is that combustion gases get stuck in the rooms and the other reason is the weak energy efficiency of the additional ventilating system to remove the combustion gases. But today with modern air circulators it is easy to create a heat recovering ventilating–fresh air blowing in system that provides the safe removal of combustion gases through a cross-direction heat exchanger in way that the blown-in air is heated up with the heat of the combustion gases. The efficiency of the heat exchanging can be as high as 98% depending on the applied technology.

*The conditional warranty is valid only if you have a certificate about the annual maintenance.



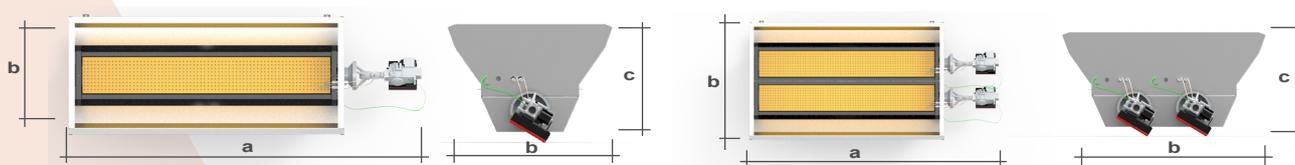
GHI Double-walled ceramic heater product series with internal insulation

Type		GHI-7	GHI-11	GHI-18	GHI-23	GHI-36
The device complies with codesign 2281/2016						
Power [W]		6,6	9,9	16,3	19,7	29,8
Weight [kg]	Net	14,5	17	24	27	37
	Gross	15,5	19	27	30	41
Electricity consumption [W]		35				
Power supply		One phase 230V/50Hz				
Ordering code[Natural gas]		10308	10311	10314	10317	10320
Ordering code [Propane-butane]		10309	10312	10315	10318	10321
Ordering code[Propan]		10310	10313	10316	10319	10322



GHI ECO Double-walled ceramic heater product series without insulation

Type		GHI-11 ECO	GHI-18 ECO	GHI-23 ECO	GHI-36 ECO
The device complies with codesign 2281/2016					
Power [kW]		11,7	19,4	23,5	35,2
Weight [kg]	Net	15	22	25	35
	Gross	17	25	28	39
Electricity consumption [W]		35			
Power supply		One phase 230V/50Hz			
Ordering code[Natural gas]		10247	10248	10081	10110
Ordering code[Propane-butane]		10250	10251	10067	-
Ordering code[Propan]		10253	10254	-	-



	GHI-7 / GHI-7 ECO	GHI-11 / GHI-11 ECO	GHI-18 / GHI-18 ECO	GHI-23 / GHI-23 ECO	GHI-36 / GHI-36 ECO
a—Length [mm]	640	840	1190	840	1190
b—Width [mm]	450	450	450	620	620
c—Height [mm]	300	300	300	300	300