

GOLDSUN[®]

High Intensity Infrared Heaters



midpoint



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About Cukurova Isı:

Cukurova Isı, was established in the first quarter of 1991 to undertake of import, marketing and sales activities of Radiant Heating Systems to heat large spaces that are difficult to heat.

Since the day it was established Cukurova Isı has expanded its product range according to the needs of the market. In the course of years, Cukurova Isı has expanded the product range with products such as open flame radiant heater, mobile radiant heaters, outdoor heaters, poultry heaters, hot air generators, along with tube radiant heater. Cukurova Isı is operating as a distributor of ten different companies located in USA, United

Kingdom, Italy, Japan and Australia, also manufacturer of GOLDSUN and SILVERSUN branded products. Holding the leader position at the market, Cukurova Isı exports its own production heaters to multiple countries including European countries and USA.






Innovation and Energy Efficiency

With studies of the Research and Development, Cukurova Isı always leads the market by creating innovative solutions to maximize the energy efficiency. Thanks to unique designs Cukurova Isı manufactures environmentalist products with low energy consumption.

Shortwave Technology:

Infrared rays are categorized according to their wavelengths. They are divided into three main category. Short wave, Medium wave, and Long wave. Moving from short wave to long wave, the intensity of the rays per square meter increases. To emit short wave radiation, the surface temperature has to be around 2250°C whereas for the medium wave 1400°C and for the long wave 500°C is enough.

The main difference between short wave and other infrared ray wavelength is the ability of the wave to pass air. With all infrared wavelengths there is a loss when traveling through air and it is much less for the shortwave. Labarotary reaserch works indicate that the infrared rays emitted from a short wave heater can successfully reach the target surface with a ratio of 85%. This ratio decreases to 60% when it comes to medium wave and 40% with long wave. Considering the infrared efficiency short wave products are 40% more efficient compared to competitors.

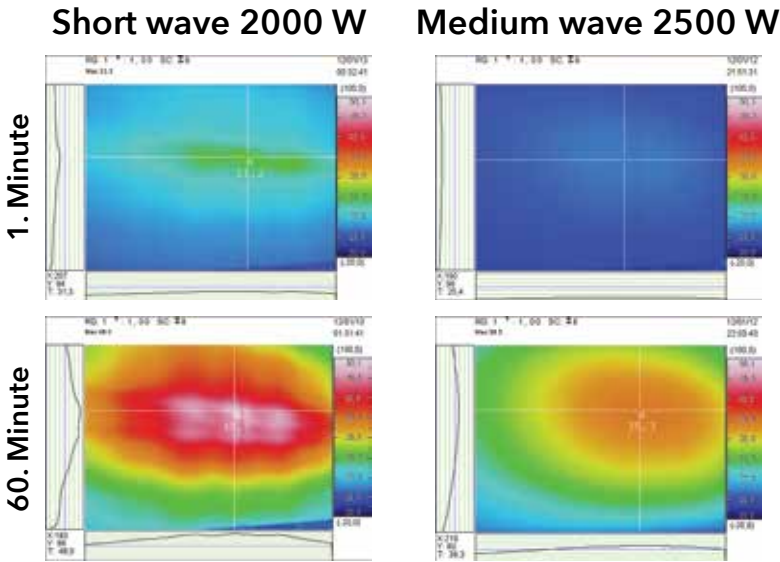
ADVANTAGES	
	High intensity Infrared
	Does not get affected by the wind
	Works in all installation angles
	Instant heat in 2 seconds
	Radiant efficiency > 85%



What makes Goldsun Unique?

To build a shortwave heater filament temperature have to be 2250°C. It is not possible to reach this temperature with heating element that combines resistance and quartz tube. It is not possible to reach these temperatures with the standard quartz tube - resistance combination type of lamps. With this combination, you can only get medium intensity output which is up to maximum 1400 C.

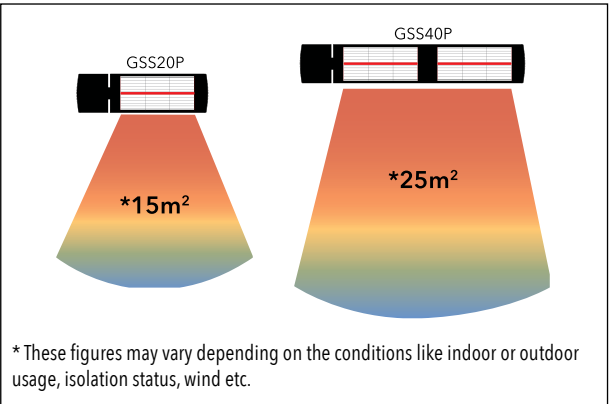
The shortwave heaters are more efficient for outdoor heating and spot heating due to their radiation capability. And this makes easier to spend less energy in order to heat more efficiently.



The performance of 2000W short wave heater and 2500W medium wave heater recorded by thermal camera in 1 hour.

SUPRA PLUS





Technical specifications

Code	Capacity (kW)	Dimensions (mm)	Weight (kg)	Current (A)	Voltage (V)
GSS20P	1.2 - 2	555 x 166 x 95	2.8	8.7	220-240
GSS40P	2.4 - 4	960 x 166 x 95	4.1	17.4	220-240

SUPRA

Custom Design High
Efficient Reflector



High Quality German
Aluminum Reflector

Rustproof Body Parts

Stainless Steel Grid

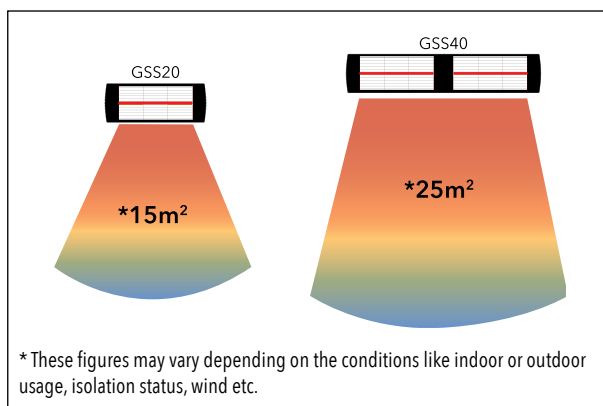


IP55 Class
Weatherproof



Remote Control
Connectivity

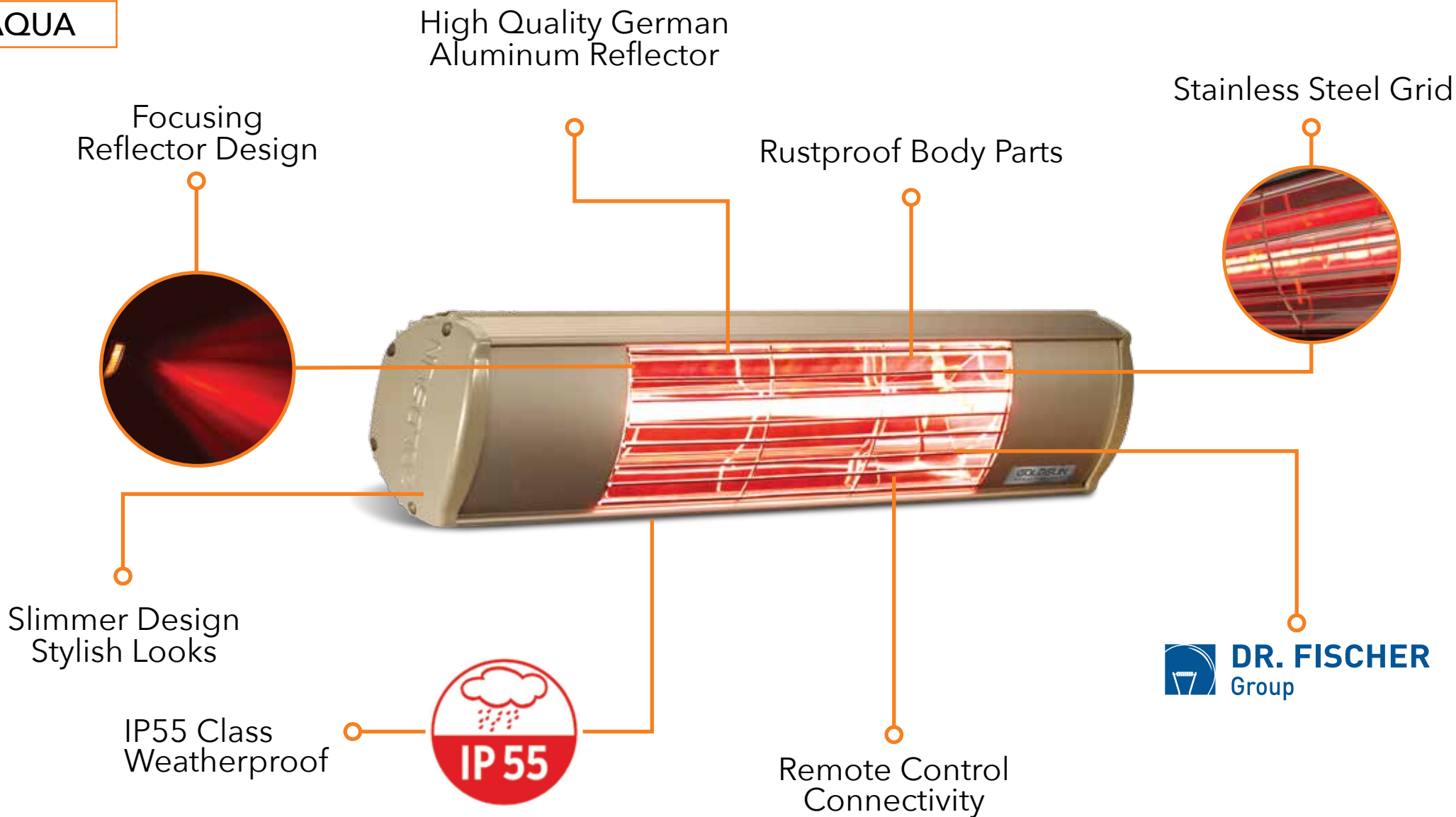
 **DR. FISCHER**
Group

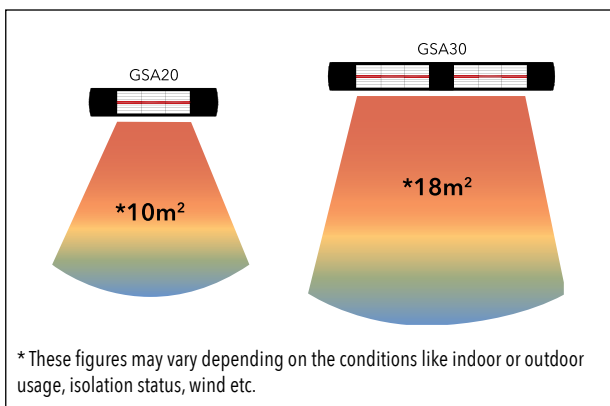
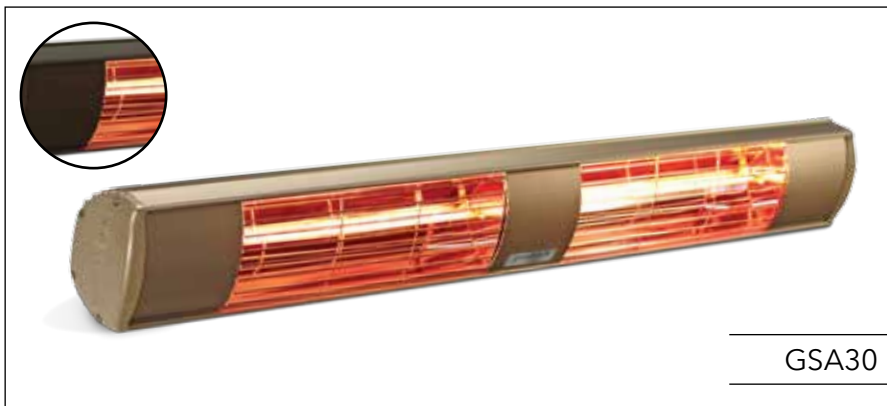
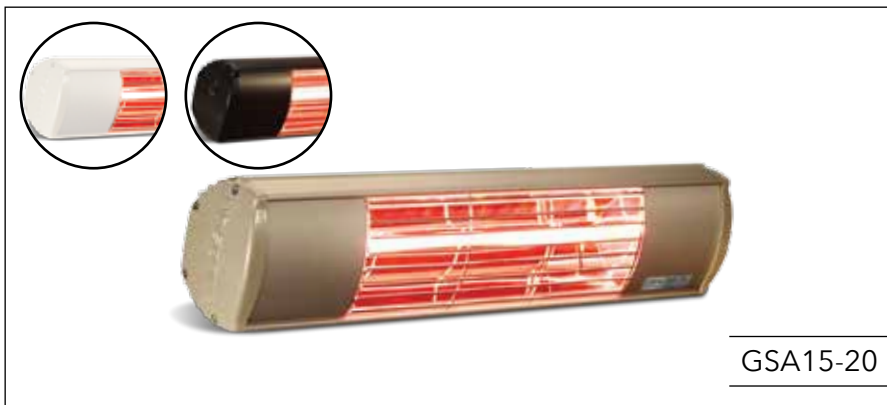


Technical specifications

Code	Capacity (kW)	Dimensions (mm)	Weight (kg)	Current (A)	Voltage (V)
GSS15	1.5	430 x 166 x 95	2	6.8	220-240
GSS20	2	430 x 166 x 95	2	8.7	220-240
GSS30	3	830 x 166 x 95	3.5	13	220-240
GSS40	4	830 x 166 x 95	3.5	17.4	220-240

AQUA

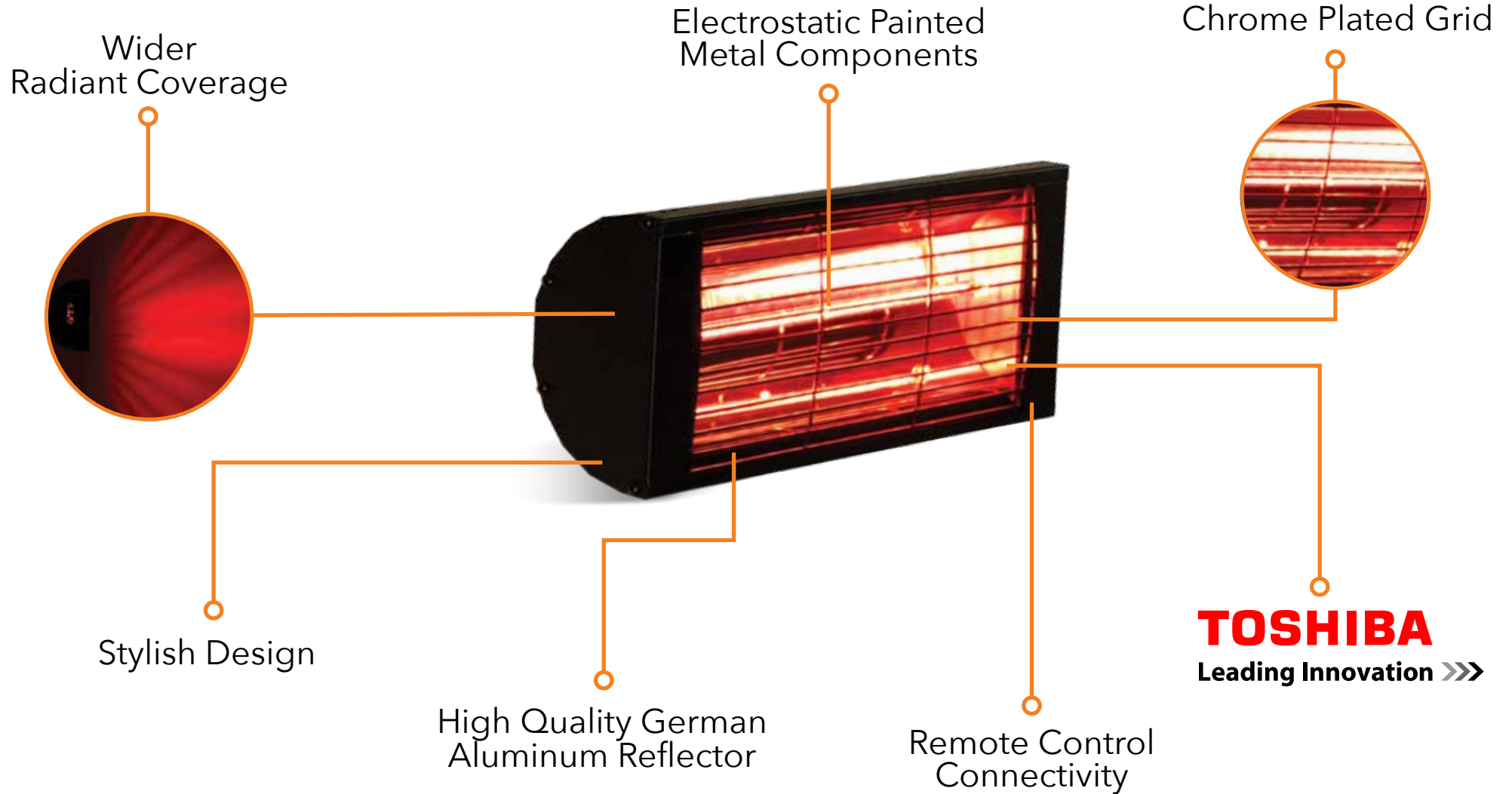


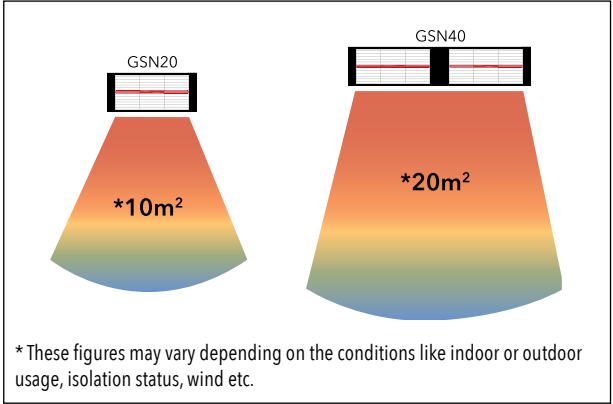


Technical specifications

Code	Capacity (kW)	Dimensions (mm)	Weight (kg)	Current (A)	Voltage (V)
GSA15	1.5	500 x 119 x 112	2.6	6.8	220-240
GSA20	2	500 x 119 x 112	2.6	8.7	220-240
GSA30	3	900 x 119 x 112	4.4	13	220-240

NOVA





Technical specifications

Code	Capacity (kW)	Dimensions (mm)	Weight (kg)	Current (A)	Voltage (V)
GSN15	1.5	380 x 165 x 100	2	6.8	220-240
GSN20	2	380 x 165 x 100	2	8.7	220-240
GSN30	3	775 x 165 x 100	3.4	13	220-240
GSN40	4	775 x 165 x 100	3.4	14.4	220-240

AQUA GSU



Technical specifications

Code	Capacity (kW)	Dimensions (mm)	Weight (kg)	Current (A)	Voltage (V)
GSU15	1.5	500 x 119 x 112	2.8	8.7	220-240
GSU20	2	500 x 119 x 112	4.1	17.4	220-240

SMOOTH

New Smooth Series

With custom engineered lamps SMOOTH series products provide a softer light without losing heat performance. It is much more convenient to use SMOOTH series for applications like terraces, balconies, places where light is not necessary. SMOOTH series generate 80% less light and provides a cosy environment with a light that is similar to candle light.

Technical Specifications



GSS15-20LG

80%
less
light
LOW GLARE!



GSA15-20LG



Code	Capacity (kW)	Dimensions (mm.)	Weight (kg)	Current (A)	Voltage (V)
GSS15LG	1.5	430 x 166 x 95	2	6.8	220-240
GSS20LG	2	430 x 166 x 95	2	8.7	220-240
GSS30LG	3	830 x 166 x 95	3.5	13	220-240
GSS40LG	4	830 x 166 x 95	3.5	17.4	220-240
GSA15LG	1.5	500 x 119 x 112	2.6	6.8	220-240
GSA20LG	2	500 x 119 x 112	2.6	8.7	220-240
GSA30LG	3	900 x 119 x 112	4.4	13	220-240

Limitless Colors

No more color mismatch! GOLDSUN electric heaters which are aesthetic due to the compact size, are even more aesthetic now. Heaters can match the colors of the pergolas, umbrellas, awnings etc.



ACCESSORIES



Infrared Dimmer



6X7 Channel Remote Control



4 Channel Remote Control



2x3200 Watt Control Unit



2000 Watt Dimmer



Hanging Brackets



Connector Plug



4 Control Unit



Coiled Cable



Control Unit



4-16 Channel Remote Control









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