"Innovative and Reliable..."



RE-VERBER-RAY RV SERIES





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C,UKUROVAISI

Ceramic Plaque Heaters









Heating Principle

The Ceramic Plaque Radiant Heaters work with the same principle as the sun heats our planet. The ideal air/gas mixture is obtained in the combustion chamber at the back of the burner pods, and it travels through the small holes that are inside the ceramic surface. Then the fuel mixture is burned at the and of the holes where it reaches open air. The ceramic plaques are heated (app. 900 °C) by these micro flames and start to radiate infrared rays to the environment. The radiant energy transforms into heat when it is absorbed by the objects (people, machines, floor etc.) so that the objects get warm before the air is heated.

Advantages

- Instant Heat: Reaches the maximum capacity in 3-5 minutes.
- Ideal for Local Heating: The high surface temperature of the
- ceramic plaques makes the heater ideal for spot & local heating.
- Low Operating Costs: Saves energy up to %70 compared to the other heating systems.
- LPG or Natural Gas: The heater may be used by LP & NG and conversion from LP to NG or vice verse is quite easy.
- **High Efficiency:** Increased efficiency by specially developed ceramic tiles and designed reflector.
- Long Lifetime: Maintenance free for a long time of operation.



System Structure

The specially designed combustion chamber and the ceramic tiles of the heaters maximize the heater efficiency while the combustion emission values are minimized. Each heater comes with an electronically controlled gas valve and an ignition module allowing the automation of the heaters in groups or individually. By the help of these features the gas is controlled and transferred to the combustion chamber where the ideal air gas mixture is obtained, automatically ignited and flame monitored. The burner body is made out of aluminized steel which is highly resistant to corrosion as well as the heaters are equipped with aluminum reflectors for focusing the radiant heat to the desired heating zone.

Approximate Heating Coverage Area



The values presented in the figure are approximate and my depend on the circumstances of the heating medium. Plase Contact with your sales agent for further information

Mounting Hights



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Individual or Multiple Operation:
Heaters can be controlled individually or in groups by means of the electronic gas valve and the ignition module in each heater.
Various Capacities:
10 different capacities for 5 different models.
Easy and Quick Installation:

The heater structure is designed to be installed easily and quickly in terms of weight and as well as different angles.

Temperature Control:

It is possible to control automatically each heater, with a thermostat.

Ideal Heating for;

- Factories, Workshops
- Warehoses, Aircraft Hangars
- Automobile Service Stations
- Sports Halls
- Prayer Halls
- Farm Buildings
- Outdoor Areas and more

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Technical Specifications

GOLDSUNCPH CERAMIC PLAQUE HEATERS



Clearences to Combustibles

Model	RV 30	RV 50	RV 60	RV 80	RV 90	RV 100	RV 120	RV 130	RV 150	RV 160
Top (cm)	62	103	103	123	123	123	133	133	154	154
Bottom (cm)	185	185	185	251	251	251	308	308	338	338
Back (cm)	20	20	20	20	20	40	40	40	40	40
Sides (cm)	75	75	75	120	120	120	120	120	130	130





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