



10 Years Warranty



OASIS 270 Greenhouse Heaters

An Ideal Heater Specification:

- 1- Proper size and weight to facilitate displacement
- 2- Highly resistant to high temperatures, humidity, burning and corrosion.
- 3- Uniform distribution of the flame in the chamber
- 4- Enough surface area to absorb heat from the flame
- 5- Perfect insulation to keep outer fixtures safe.
- 6- Perfect cross section for chimney
- 7- Powerful fan to spread the heat in the area
- 8- Having safety and quality standard



OASIS 270 Heaters

OASIS 270 heaters have the capacity of 220000 kcal/hr that is perfect for greenhouse application. This heater is made of different components as: furnace, combustion chamber, fins, fan, and outflow opening.



Figure1- OASIS 270 heaters

Performance



Figure 2- How OASIS 270 heater works

Device Dimensions

OASIS 270 greenhouse heaters have appropriate dimension and weight and can easily be displaced.

Dimension	Size
Length	1760 mm
Height	1340 mm
Width	950 mm
Weight	410 Kg

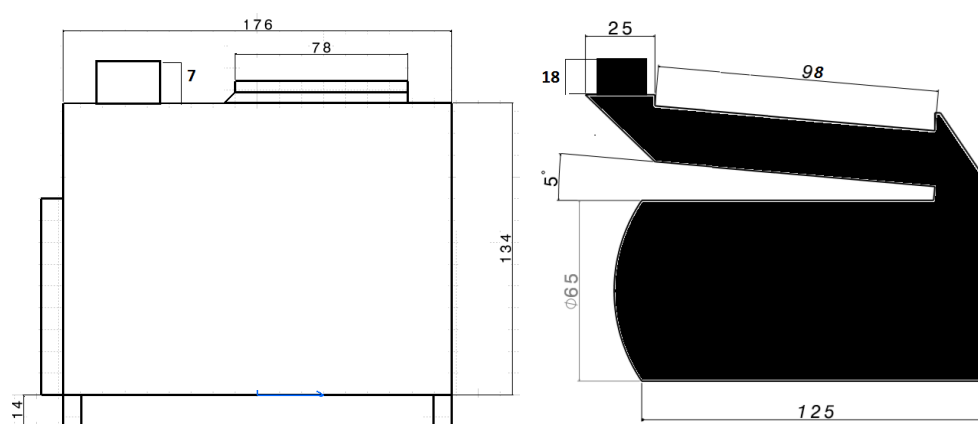


Figure 3- Schematic of OASIS 270

Components of the Device

➤ Combustion chamber and radiators

These components form the most important part of the heater. In contrast to conventional chambers, OASIS 270 heaters have a convex shape at the end of the chamber cylinder. This characteristic helps the flame to uniformly distribute. 10 biconvex shaped radiators are installed on top of the chamber to lead the combustion products outside. The special shape of the radiators and the material used in these parts have dramatically increased the efficiency of the heaters. MIG-MAG welding is also used for welding different parts of the chamber and the radiators.



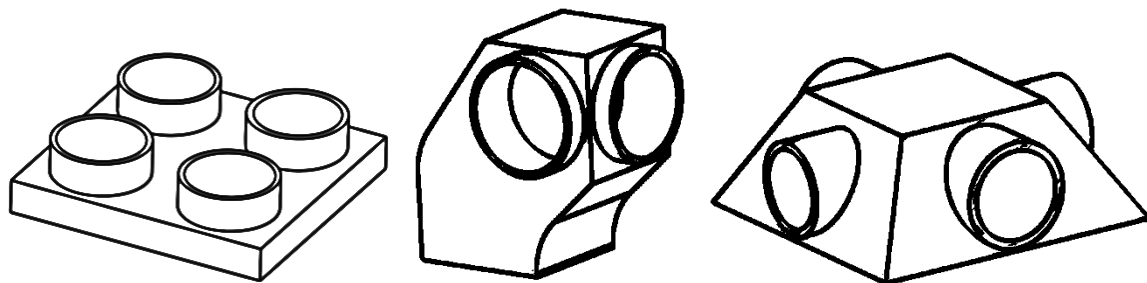
➤ **Outer structure of the heater**

Two layered insulated metal covers are used to build the outer structure of the heaters. Attractive and high-temperature resistant colors are used for these covers.



➤ **Outflow Opening**

The opening is placed on the position in a way that the outflow has an appropriate temperature. The best place for the outflow opening is on top of the heater. Based on the customer will, the opening shape can be designed and changed. Different shapes of openings are shown in the figure below.



Different shapes of outflow opening

➤ **Fan**

OASIS 270 is equipped with a powerful fan so that the air can throw out of the heater with proper speed. Thus, the air can move through the greenhouse in high distance from the heater.



Model	Power(HP)	RPM
IP-56	2	1400

➤ **Furnace**

Both the gas and gasoline furnaces can be installed on the OASIS 270 heaters. Based on the capacity of the heater, 220000 Kcal/h, proper furnace should be used.



Special Offer

OASIS 270 heaters have 10 years warranty.

For more information contact please contact the central office and visit the website

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