

HUNGING AIR HEATER – TGA

The TGA Hanging Air Heaters are designed for cost effective heating solutions in a wide variety of applications, including greenhouses, poultry houses and industrial structures.

Technology

All models function on the principle of direct fired gas heating. Hereby a powerful fan is used to force air through a combustion chamber where the burner is situated. As the air passes through the burner, all the heat released by the combustion process is transferred to the air stream. This gives the heater a 100% thermal efficiency. The heat output of the heater can be varied by the manual adjustment of a regulating valve.

Benefits

The TGA heaters operate on Liquid Petroleum Gas (LPG), which is a very clean burning fuel. The products of combustion are mainly water vapour and carbon dioxide (CO₂).

To ensure a long life span in humid environments, the GA heaters are manufactured in stainless steel with all electrical components contained inside an IP55 enclosure

For safety purposes the heaters are equipped with a double solenoid valve for closing and opening of the gas supply. Additionally the heaters are also equipped with a safety pressure sensor that will cut the gas supply should an obstruction of the airflow be sensed. All models come fully assembled with an electric cord and gas connection pipe with a pressure regulator, ready for use. Optionally the heaters can be supplied with a mechanical or electronic thermostat. The thermostats have a 10 m cable attached in order to be able to measure the temperature where it is required