INDUSTRIAL DRYERS & HOT ROOMS

Hot Air Generator

Gas fired or electric hot air unit with blower that supplies clean hot air to ovens and dryers.



TEMPERATURE
80°C to 250°C typical; up to 600°C special

HEATING
Gas (LPG/PNG/CNG) or electric

INDUSTRIES
Welding electrodes, chemicals, packaging, containers, energy, lead oxide

Specifications

Heating	LPG/PNG/CNG burner or electric heaters
Gas burner rating	e.g. 1,00,000 kcal/hr (sized to duty)
Electric load	4.5 kW to 90 kW
Blower	1 to 5 HP, SS-304, e.g. 1,500 CFM
Outlet air	typically 80°C to 250°C; up to 600°C on special units
Example outer size	1,000 × 1,000 × 1,600 mm
Construction	2 mm MS outer, SS-304 inner body
Insulation	150 mm
Control	PID with safety controller in firing chamber

Features

- Heats from outside the work chamber
- SS firing chamber and SS blower
- Gas train and flame safety on gas models
- Safety thermostat against overheating
- Roof, side or floor mounting
- Serves ovens, dryers and hot rooms
- Retrofit to existing equipment

Applications

- Electrode baking ovens and hot rooms
- Rotary dryers and tray dryers
- Red lead and oxidation furnaces
- Chamber ovens and curing ovens
- Drying of foils, containers and packaging
- Process air heating