OVENS BY HEATING METHOD

Gas Fired Oven

Oven heated by an automatic LPG, PNG or CNG burner for clean, fast and economical heating.



TEMPERATURE
Up to 650°C

HEATING
Gas (LPG/PNG/CNG)

INDUSTRIES
All industries

Specifications

Fuel	LPG, PNG or CNG
Burner	automatic ignition with flame safety
Firing chamber	SS-304, firing tube AISI 310
Air circulation	blowers and fans, e.g. 5 HP blower with 4 fans
Temperature	50°C to 650°C depending on design
Alarms	burner-fail alarm, firing chamber safety controller
Gas train	valves, regulator and safety devices supplied
Control	digital PID
Insulation	75 to 150 mm mineral wool and ceramic fibre

Typical reference builds

Build	Load	Working size (W x D x H)	Temperature	Heating
Compact	300 kg batch	1,500 × 1,200 × 1,200 mm	up to 250°C	LPG/PNG
Standard	1,000 kg batch	3,000 × 1,500 × 1,800 mm	up to 450°C	PNG/LPG
Heavy-Duty	3,000 kg batch	5,000 × 2,000 × 2,200 mm	up to 650°C	PNG/CNG

Indicative only: chamber size and heating load (kW or burner rating) are engineered to your load, cycle and site supply.

Features

- Lower running cost where gas is available
- Flame kept away from the product
- Automatic ignition and flame safety
- Fast heat-up for large ovens
- Batch, trolley and conveyor designs
- Gas to electric conversions and dual fuel options

Applications

- Powder coating and paint curing
- Drying and baking in batch ovens
- Conveyor ovens on production lines
- Preheating and stress relieving
- Any oven where piped gas is available