OVENS BY HEATING METHOD

Hot Air Generator Oven

Oven supplied with hot air from an external fuel-fired hot air generator, easy to add to existing chambers.



TEMPERATURE
Up to 300°C

HEATING
Gas (LPG/PNG/CNG) or electric, through a hot air generator

INDUSTRIES
Drying, coating, agriculture

Specifications

Heat source	separate hot air generator
Heating	LPG/PNG/CNG burner or electric heaters
Gas burner	e.g. 1,00,000 kcal/hr with gas train
Electric load	4.5 kW to 90 kW
Blower	1 to 5 HP, SS-304, e.g. 1,500 CFM
Oven temperature	about 80°C to 250°C; up to 600°C special
Generator construction	MS outer, SS-304 inner, 150 mm insulation
Control	PID with firing chamber safety controller

Features

- No flame inside the work chamber
- Even hot air through ducts
- SS firing chamber and SS blower
- Generator can be serviced without opening the oven
- Roof, side or floor mounting
- Gas or electric

Applications

- Drying rooms and chambers
- Conversion of existing rooms into ovens
- Drying of bulk and agricultural products
- Paint booth and dry-off heating
- Processes needing flame-free chambers