OVENS BY HEATING METHOD

Electric Oven

Oven heated by electric elements with digital temperature control: clean, precise and simple to install.



TEMPERATURE
Up to 800°C

HEATING
Electric

INDUSTRIES
All industries

Specifications

Example chamber ovens	0.5 m³ at 16 kW, 1 m³ at 24 kW
Working range	50°C to 350°C (higher on request)
Construction	three-wall, 1.6 mm SS outer, 3 mm inner
Insulation	125 mm mineral wool (150 kg/m³) with ceramic fibre
Heaters	sealed tubular SS/Inconel, 80/20 NiCr or Kanthal A1
Air circulation	2 HP fan
Control	PID with thyristor, ±1°C; PLC and 7 inch HMI optional
Supply	415 V, 3-phase, 50 Hz

Features

- Precise, repeatable temperature control
- Clean heat with no combustion
- No fuel storage or chimney
- Thyristor control for longer heater life
- PLC recipes and data logging optional
- Cabinet, trolley and conveyor designs

Applications

- Curing, drying and baking of all kinds
- Tempering, ageing and stress relieving
- Clean processes with no combustion gases
- Small and medium batch ovens
- Sites without gas supply