OVENS BY HEATING METHOD

Direct Fired Oven

Burner fires straight into the circulating air for maximum efficiency, used where combustion gases do not harm the product.



TEMPERATURE
Up to 400°C

HEATING
Direct Fired

INDUSTRIES
Coating, drying, building materials

Specifications

Working temperature	up to 400°C
Fuel	PNG or LPG
Heat transfer	combustion gases mix with oven air
Efficiency	highest of the fuel-fired options
Control	modulating burner on air temperature

Features

- Burner fires into the recirculation duct
- No heat exchanger, so high thermal efficiency
- Fast heat-up and quick response
- Fewer parts to maintain than indirect systems
- Fresh air and exhaust balanced for clean combustion

Applications

- Powder coating cure ovens
- Water dry-off ovens
- Drying of building and ceramic products
- General industrial drying
- Preheating of metal parts