

# Ventilated Industrial Electric Ovens for complex thermal cycles up to 500°C

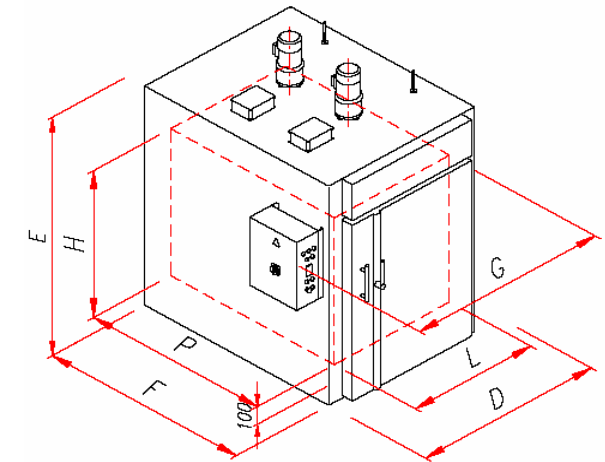
**OVEN TYPE**  
**CD ADVANCED - 500**

**VENTILATED ELECTRIC OVENS** for complex heat cycles, where an extremely precise temperature control is required in heat cycles with working temperatures from 100°C to over 500°C.

**Main features:**

- Precision and uniformity of temperature with a dynamic control system to optimise the thermal balance, even with particularly complex loads
- Innovative stratified-laminar ventilation system to homogenise flows and accelerate the thermal process.
- Air exchange system with regulating valve.
- Electric heaters made from HT steel, designed for maximum thermal performance and optimal air circulation
- Innovative thermal insulation with double layer ceramic-based materials to ensure the oven has **VERY LOW ENERGY CONSUMPTION**
- High capacity oven base, insulated with ceramic materials
- The oven can be loaded with baskets, containers, crates, trolleys, etc. even of considerable weight
- Option for the supply of a dedicated loading cart including guide rails (optional)
- Oven chamber made entirely from thick, leak-proof stainless steel
- Bodywork with modern design and treated/painted steel
- Independent, direct, automatic thermal safety system.
- Programmable Thermostat, easy to use, convenient even for complex thermal cycles
- Designed to interface with a PC monitoring system EXPLORER 3000 type (optional)
- Ovens range from 250 to 6,000 litres of inner chamber

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| MODEL                    |          | CD 250           | CD 1000          | CD 1500          | CD 2000          | CD 3000          | CD 4000          |
|--------------------------|----------|------------------|------------------|------------------|------------------|------------------|------------------|
|                          |          | ADVANCED         | ADVANCED         | ADVANCED         | ADVANCED         | ADVANCED         | ADVANCED         |
| Chamber capacity         | [Litres] | 270              | 1200             | 1600             | 2300             | 3200             | 4000             |
| Operation temperature    | [°C]     | 450<br>(max 500) | 450<br>(max 500) | 450<br>(max 500) | 450<br>(max 500) | 450<br>(max 500) | 450<br>(max 500) |
| Electric resistors power | [kW]     | 11               | 22               | 22               | 33               | 44               | 66               |
| Air homogenizing fan     | [kW]     | 0,75             | 1,1+1,1          | 1,1+1,1          | 1,1+1,1          | 2,2+2,2          | 2,2+2,2          |
| Inner chamber dimensions | L [mm]   | 600              | 900              | 900              | 1250             | 1100             | 1400             |
|                          | P [mm]   | 750              | 1440             | 1440             | 1250             | 1900             | 1440             |
|                          | H [mm]   | 600              | 950              | 1250             | 1500             | 1650             | 2000             |
| Overall dimensions       | D [mm]   | 1100             | 1350             | 1350             | 1700             | 1650             | 2000             |
|                          | E [mm]   | 2500             | 2000             | 2300             | 2600             | 2850             | 3150             |
|                          | F [mm]   | 1400             | 2100             | 2100             | 1950             | 2600             | 2100             |
|                          | G [mm]   | 1450             | 1700             | 1700             | 2050             | 1950             | 2250             |
| Approximate weight       | [Kgs]    | 600              | 1100             | 1300             | 1600             | 2000             | 2400             |