

# Convection ovens

## Technical Specification - all ovens

**Exterior Materials and Finish:**

Zinc coated mild steel sheet with a blue stoved epoxy powder paint finish

**Working Temperature Range:**

50°C to 250°C Max

**Temperature Stability:**

Better than 1°C under steady state conditions

**Temperature Uniformity:**

Better than 5°C across the support shelf

**Temperature Sensor:**

Type "K" Mineral Insulated Thermocouple

**Temperature Control:**

Eurotherm 301 digital 3 term controller

**Thermal Insulation:**

High quality ceramic fibre blanket

**Power Control:**

Thyristor based solid state relay working in fast cycle zero voltage switching mode

**Air Circulation:**

Forced air circulation by rear mounted fan and air guide system

**Heating Elements:**

Mineral Insulated metal sheathed

**Ovens by type >**



Stand sold separately



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# Convection ovens

## Technical Specification - by type

### Thermoplastic Heating Oven for ORTHOTICS

**Interior Chamber Dimensions:**

H 380mm x W1200mm x D 815mm

**External Dimensions:**

H 730mm x W 1490mm x D 975mm

**Power Requirements:**

Total heating power is 6.0kW

**Power Supply Required:**

400 volts 3 phase and Neutral rated at 10 amps per phase

**Chamber Access:**

Single top hinged door opens upwards manually assisted by gas struts  
Door is fitted with a 200mm square multiglazed window  
Chamber is illuminated

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### Thermoplastic Draping Oven for PROSTHETICS

**Interior Chamber Dimensions:**

H 750mm x W 610mm x D 510mm

**External Dimensions:**

H 920mm x W 965mm x D 670mm

**Power Requirements:**

Total heating power is 2.25kW

**Power Supply Required:**

220/240volts single phase 50/60Hz or 110 volts single phase 60Hz

**Chamber Access:**

Single front door hinged on left side and fitted with a viewing window 240mm wide x 400mm high  
Chamber is illuminated

