Airflow Group 4m x 2m x 2m Electric 250°C Oven



Stock No	SMC400
Manufacturer	Airflow Group
Model	Electric Oven
Year of Manufacture	2014
Serial	AIRO1228-04
Internal Size (WxDxH mm)	4000 x 2000 x 2000
Max Temp	250°C
Other Info	Max Kw rating: 90kw very easily reduced
Location	Our Central Warehouse, Aldridge, UK
External Dimensions (WxDxH mm)	4750 x 2180 x 2500

Description

Manufactured by Airflow, this electric 250°C oven is a large capacity box oven designed for industrial drying, stoving, curing and heating applications. With a generous 4000 × 2000 × 2000mm internal working area and a maximum operating temperature of 250°C, it provides a versatile solution for processing large components, assemblies and batch loads.

The oven uses fan assisted hot air recirculation to maintain consistent temperatures throughout the chamber. Medium pressure centrifugal fans provide controlled air movement, with high volume airflow helping to deliver even heat distribution without unnecessarily disturbing the load. The fully insulated construction and integrated heater and fan

chambers also help improve thermal efficiency and reduce heat loss during operation.

View Powered & Buy Direct From Site

See powered up and operating at their current premises in Wolverhampton, West Midlands. With professional decommissioning support available onsite, helping to make removal and relocation easy as straightforward as possible.

Applications

- Paint stoving
- Epoxy and polyester powder curing
- Lacquer drying
- Hydrosetting
- Moisture removal
- Plastic curing
- Rubber softening
- Metal annealing
- Spring stress relieving

Features & Benefits

Excellent Heat Distribution
Centrifugal recirculation fans and large ductwork provide positive, controlled airflow throughout the chamber, supporting consistent heating across the load.

Fully Insulated Construction
The oven is constructed from galvanised steel panels with 100mm high density mineral wool insulation, helping to retain heat and minimise heat transfer through the walls and doors.

Integrated Heater & Fan Chambers
Fully insulated heater chambers house the recirculation fans and heating system, helping to reduce uncontrolled heat loss and improve overall thermal efficiency.

Digital Temperature Control
Simple digital temperature control provides accurate and stable management of the oven temperature for repeatable processing.

Fume Exhaust System
A powered, fan-assisted exhaust system provides positive removal of fumes from the chamber and can be adjusted to suit different applications.

Electronic Over-Temperature Protection
An independent temperature protection system monitors the heater chamber and automatically shuts down the heaters

and oven if temperatures exceed safe operating parameters.

Operator Safety

An internal safety door handle provides an emergency means of opening the oven from inside, helping to prevent operator entrapment.

Cool Exterior Surfaces

The insulated construction helps minimise heat transfer through the oven walls and doors, improving operator safety around the installation.

Pinned Construction

The oven panels are pinned together during assembly, allowing the unit to be more easily modified, relocated or dismantled for site access where required.

Technical Specifications

- **Model:** Electric Oven
- **Internal size:** 4000 × 2000 × 2000mm
- **Overall height including motor:** 3182mm
- **Maximum temperature:** 250°C
- **Construction:** Galvanised steel
- **Insulation:** 100mm high density mineral wool
- **Heating:** Electric
- **Air circulation:** Fan assisted hot air recirculation
- **Fume extraction:** Powered exhaust system
- **Temperature control:** Digital

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.