

Airflow Group High Temperature, Large Capacity, Top Hat / Bell Oven



Stock No	OZ2110
Manufacturer	Airflow Group
Model	Top Hat/Bell Heat Treatment Oven
Year of Manufacture	2013
Serial	49222-3
Condition	From a working environment, Good Condition
Internal Size (WxDxH mm)	3020 x 2950 x 1830
Max Temp	425°C @ 4000Kgs load mass
Other Info	500 kw Comtherm Burner
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	2855
External Dimensions (WxDxH mm)	4100 x 4800 x 2465

Description

A high temperature 425°C @ 4000Kgs load mass, gas fired Airflow oven with a unique lift off / top hat operation to give maximum possible access for loading and unloading.

**** We can now offer a modification to this oven: Double, swing open, doors to give access to the oven chamber without the need to lift the oven off the floor. Please ask a member of the sales team for details. ****

- This oven is not designed to be bolted down.
- It is a free standing bell oven designed to be lifted off and over its contents.
- It has seals to seal it to the floor.
- The ovens exhaust fan is designed to be ducted to atmosphere.
- Internal construction from mild steel sheeting.

Dimensions (w x d x h) as provided by operations:-

- Work envelope:- 3020 x 2950 x 1830 mm
- Internal Dimensions (wall to wall) 3320 x 2950 x 2295 mm
- External dimensions (Of the Box oven) 3600 x 3300 x 2465 mm
- Overall external dimensions (inc. ladder and burner) 4100 x 4800 x 3350 mm

Technical Specification

- Gas burner is an EK 2 from Comtherm producing 500kW of heat input resulting in a max temp of 425°C. soak temp' 4000Kgs
- Over temperature protection.
- RKC PF900 programmable controller.
- 75°C knock off on cool down.
- Additional timer for the Bradken remote exhaust allowing 5 minutes running after the Airflow exhaust is turned off.
- Bradken exhaust interlock.
- Exhaust fan designed to exhaust to atmosphere.
- One circulation fan of 2.2kW with provide approximately 7 air changes per minute.
- a 0.75kW exhaust fan is fitted to the Bradken ducting.

Other info:

- Access ladder.
- Oven lifts for loading & unloading.
- Side door operator access.
- Comtherm Burner.
- Chamber internals is fabricated from mild steel sheeting.

Applications

- Heat treatments.
- Stress relieving.
- Soaking up to 4000Kgs at 425°C

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