

GENERAL PURPOSE DRYING OVENS FORCED VENTILATION

A MORE UNIFORM TEMPERATURE WITH ON/OFF SWITCH OF THE FAN

Designed for drying, baking, conditioning and moisture determination. Sturdy manufacture, double walled with 60 mm thick glass fibre for thermal insulation.

Exterior front part is stainless steel made, while interior chamber, grid shelves and external walls are made of zinc coated steel.

Temperature from ambient to 200 °C is controlled by a **digital thermostat-regulator-indicator**. The ovens are equipped of a **dual safety thermostat** with higher thermic threshold to prevent accidental over-temperatures, and to ensure safe working conditions.

The oven is supplied complete with two grid shelves easily removable, which can be positioned at various heights, with pilot light, and exhaust holes for fast cooling.

Power supply: 230V 50-60Hz 1ph



A005-04 KIT Detail of the fan



A005-04 KIT

Model	Capacity litres	Inside dimensions mm L D H	Outside dimensions mm L D H	Doors n°	Wattage	Weight kg	Spare grid shelf
A007 *	50	350x360x390	590x460x620	1	750	34	A006-01
A005-01 KIT	100	400x420x600	680x685x790	1	1200	40	A007-51
A005-04 KIT	220	600x620x600	880x885x790	1	2000	60	A007-52
A005-08 KIT	440	900x690x820	1180x925x940	2	3600	85	A007-53

 **Note:** *A007 OVEN, 50 litres capacity is natural convection.

ACCESSORY

A006-08 Mercury control thermometer
0-300 °C, div. 1 °C.



A005-08 KIT

LABORATORY OVENS, FORCED VENTILATION, DIGITAL THERMOSTAT HIGH TEMPERATURE UNIFORMITY AND PRECISION

STANDARDS: EN 932-5 | EN 1097-5 | BS 1924 :1

ASTM C127, C136, D558, D559, D560, D698, D1557, D1559

Especially suitable when high temperature uniformity and precision inside the chamber are required.

The temperature accuracy and uniformity meet the tolerances requested by the Standards.

The interior chamber, the grid shelves and the exterior front part are stainless steel made, while external walls are made of zinc coated steel.

Sturdy manufacture, double walled with 60 mm thick glass fibre for thermal insulation.

Temperature from ambient to 200 °C is controlled by a digital precision thermoregulator-indicator. The oven is equipped with a dual safety thermostat with higher thermic threshold to prevent accidental over-temperatures, and to ensure safe working conditions.

The oven is supplied complete with two grid shelves easily removable which can be positioned at various heights with pilot light and exhaust holes for fast cooling.

Power supply: 230V 50-60Hz 1ph



A008-07 KIT

Model	Capacity litres	Inside dimensions mm L D H	Outside dimensions mm L D H	Doors n°	Wattage	Weight kg	Spare grid shelf steel
A008-01 KIT	100	400x420x600	700x515x910	1	1250	45	A008-51
A008-03 KIT	220	600x610x600	900x725x910	1	2050	70	A008-52
A008-05 KIT	440	900x700x700	1250x760x1000	2	3700	95	A008-53
A008-07 KIT	750	900x640x1300	1250x700x1600	2	4950	140	A008-54

MAIN FEATURES

- Forced ventilation airflow.
- Digital temperature control system.
- Temperature precision and uniformity as requested by EN, BS Spec.
- Stainless steel chamber and trays.
- Insulation by 60 mm thick glass fibres.
- Dual thermostat ensuring safe working conditions.



A008-05 KIT

ACCESSORY

A006-08 MERCURY CONTROL THERMOMETER 0-300 °C div. 1 °C.

HIGH END LABORATORY OVENS. FORCED VENTILATION, DIGITAL THERMOSTAT

HIGH TEMPERATURE UNIFORMITY UP TO 300 °C

STANDARDS: EN 932-5 | EN 1097-5 | ASTM C127, C136, D558, D559, D560, D698, D1557, D1559 | BS 1377 :1, 1924 :1 | UNE 103300

NEW



A010-01

Gasket detail

A010-02

Fans detail

MAIN FEATURES

- Forced ventilation airflow.
- 300 °C maximum temperature.
- High temperature (uniformity $\pm 2\%$ and precision ± 0.3 °C) fully compliant with Standards.
- Air outlet control by valves manually operated.
- Regulation of fan speed (0-100%).
- High quality thermoinsulation material.
- Double over heat protection system.
- Low power consumption.
- Stainless steel chamber and trays with silicone gasket.
- PID electronic regulator, double digital display.

This range of laboratory ovens is designed to perform demanding thermal treatment in compliance with Standards.

They are especially suitable when high temperature uniformity and precision inside the chamber are required.

A temperature accuracy of $\pm 0.3\%$ and a uniformity of $\pm 2\%$ make this oven the best on the market.

The interior chamber and the grid shelves are stainless steel made, while outside casing is in metal sheet, powder coated in gray. A sturdy double walled structure with 60 mm thick rock wool (complete lack of asbestos) and silicone gasket assure a strong thermal insulation.

High-precision digital microprocessor temperature controllers fitted with self-tuning and manual PID setting allow a high temperature uniformity and accuracy reducing the energy consumption.

The oven is equipped with a thermomagnetic protection and OTP (over temperature protection) to prevent accidental over-temperatures, and ensure safe working conditions.

The oven is supplied complete with two grid shelves easily removable and positionable at various heights, with a pilot light and exhaust holes for fast cooling.

Power supply: 230V 50Hz 1ph
400V 50Hz 3ph (for A010-02)

Model	Capacity litres	Inside dimensions mm L D H	Outside dimensions mm L D H	Doors number	Wattage kW	Weight kg	Spare grid shelf stainless steel
A010	120	550x400x580	750x780x880	1	2.2	70	A010-11
A010-01	220	730x500x620	930x880x915	1	4	102	A010-12
A010-02	420	1000x500x620	1200x930x1200	2	6.2	155	A010-13