

# Data Sheet

## Model: BAF500/120-SS-F-DIG

### 500°C High temperature ovens



## INTRODUCTION

The **BAF500** is a front-loading high-temperature air recirculating oven, manufactured to the highest specification, having high-efficiency insulation in the doors and walls. Heavy-duty hinges, catches, and high-temperature seals are standard.

The BAF500 range offers a choice of chamber capacities ranging from 30 to 120 liters.

**BAF500/120-SS-F-DIG** has a 120-litre capacity chamber.



## SPECIFICATIONS

**Standard Temperature range:** 40 °C to 500 °C

**Internal Chamber (mm):** H x W x D  
500 x 480 x 500

**No. of Self positions:** 4

**No. of Shelves supplied:** 3

**Shelf size (WXD)mm:** 480 x 500  
(Indicatively)

| The air is heated by Incoloy sheathed tubular elements that are fitted within ducts on each side of the chamber.

| Air drawn into the fan recirculation system from the rear of the oven chamber, passes over the heating elements, thereby pre-heating the air before it enters the chamber. The pre-heated air is then drawn in from the front of the oven chamber and over the samples.

| Constructed from sheet steel finished in easy clean stove powder paint. The door and chamber are fitted with high temperature seals.

| A small portion of the recirculating air is vented from the top of the chamber allowing any fumes to be directed into the customers extraction facility.

## BAF500/120-SS-F-DIG

| **External Dimensions (mm):** H x W x D    **Net Wt.**  
(Nominal)                      1092 x 1005 x 1020    145 kg

| **Maximum load height (mm):** 450

| **Supply / Power:** 230V– 1 Phase – 6000 Watts.

## OPTIONAL FEATURES

- | Independent Overtemperature Protection System.
- | Additional vents can be factory fitted if required.
- | Extra Shelves can be supplied.
- | Multi segment, multi program storage controller.
- | Calibration certificates, if required.
- | Other options are also available, please contact us.

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