

Data Sheet

Model: BAF7/31

Air Re-circulating Furnace



INTRODUCTION

The **BAF7** air re-circulating furnaces provide good temperature uniformity and rapid thermal transfer to the load at lower temperatures, suitable for low temperature applications such as annealing, stress relieving, tempering and normalising. BAF7 offers a choice of chamber capacities ranging from 15 to 45 litre in standard versions. Other chamber capacities/volumes are offered in custom-built models.

BAF7/31 has 31-litre capacity chamber.

SPECIFICATIONS

Maximum Temperature: 750°C

Maximum Continuous Temperature: 700°C

- | Chamber (mm) - H x W x D
250 x 250 x 500
- | Mineral insulated metal sheathed Heating elements which are fully insulated from liner.
- | The chamber is fitted with a stainless-steel liner.
- | Outer case is steel sheet coated with epoxy powder paint.
- | Vermiculite board insulation.
- | The fan and air guide system provide continuous movement of air around the workpiece.
- | Vertical lifting door keeps the hot face away from the operator when the door is opened.
- | Positive break door safety switch isolates heating elements from power supply when door is open.
- | High end Microprocessor PID controller.
- | Standard chimney to assist in the removal of process fumes from the chamber.



BAF7/31

| **External Dimensions (mm):** H x W x D **Net Wt.**
(Indicatively) 777 x 632 x 990 130 kg

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

OPTIONAL FEATURES

- | Independent Overtemperature protection system.
- | Multi segment, multi program storage Controllers.

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