

# Data Sheet

## Model: BAF7/45

### 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.

**BAF7/45** has 45-litre capacity chamber.

## SPECIFICATIONS

**Maximum Temperature:** 750°C

**Maximum Continuous Temperature:** 700°C

| Chamber dimensions (mm): 300 x 300 x 500 (H x W x D)

| 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

| Vermiculate board insulation

| The fan and air guide system provide continuous movement of air around the workpiece

| Vertically lifting door keeps the hot surface away from the user

| 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



**BAF7/45**

| **External Dimensions (mm):** 890 x 805 x 1020 (H x W x D)  
(Indicative)

| **Net Wt.:** 135 kg

| **Supply / Power:** 230V– 1 Phase – 6.0 kW

## OPTIONS

| Independent Over-temperature protection system

| Multi segment, multi program storage Controllers

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