

# Data Sheet

Model: BCFR12/25

Rapid Heating Chamber Furnaces



## INTRODUCTION

**BCFR12 Rapid Heating Chamber Furnaces** have been developed for applications when rapid heating/cooling are required. This design is ideal for light/medium duty applications and is available in various capacities ranging from 5 litres to 25 litres in standard versions. Other chamber capacities/volumes are offered in custom-built models.

The **BCFR12/25** chamber furnace has a 25-liter capacity.

## SPECIFICATIONS

**Maximum Temperature:** 1200°C

**Maximum Continuous Temperature:** 1100°C

- | Compact bench mounted design
- | Chamber (mm) - H x W x D  
250 x 250 x 400
- | Heating is by free radiating wire elements located on 2 sides and roof of the chamber.
- | Low thermal mass insulation permits rapid heating and cooling.
- | Insulated door opens upwards and outwards keeping the hot face away from the operator.
- | Type 'R' thermocouple.
- | Small ceramic chimney is fitted as standard.
- | Positive break door safety switch that isolates heating elements from power supply when door is open.
- | High end Microprocessor PID controller.



**BCFR12/25**

**External Dimensions (mm):** H x W x D    **Net Wt.**  
(Indicative only)    777 x 632 x 692    72 kg

| Supply / Power: 400V– 1 Phase – 9000 Watts

## OPTIONAL FEATURES

- | Independent Overtemperature protection system.
- | Multi segment, multi program storage controller.
- | 7 day 24-hour timer.

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