

Data Sheet

Model: BCFR12/5

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 **BCFR12/5** chamber furnace has a 5-liter capacity.

SPECIFICATIONS

Maximum Temperature: 1200°C

Maximum Continuous Temperature: 1100°C

- | Compact bench mounted design
- | Chamber (mm) - H x W x D
150 x 150 x 150
- | 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.



BCFR12/5

External Dimensions (mm): H x W x D **Net Wt.**
(Indicative only) 685 x 532 x 515 45 kg

| Supply / Power: 230V– 1 Phase – 2750 Watts

OPTIONAL FEATURES

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

Elite Thermal Systems Limited

Elite Court, 6 Stuart Road, Market Harborough, Leicestershire LE16 9PQ, UK
Tel: +44 (0)1858 469834 | E-mail: contact@elitefurnaces.com | Website: www.elitefurnaces.com