

Data Sheet

Model: BCFR12/15-VRP

Rapid Heating Chamber Furnaces



INTRODUCTION

BCFR12-VRP 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 **BCFR12/15-VRP** chamber furnace has a 15-liter capacity.

SPECIFICATIONS

Maximum Temperature: 1200°C

Maximum Continuous Temperature: 1100°C

- | Compact bench mounted design
- | Chamber dimensions (mm): 230 x 230 x 300 (H x W x D)
- | 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
- | Vertically lifting door keeps the hot surface away from the user
- | Positive break door safety switch that isolates heating elements from power supply when door is open
- | ELITE PID controller offering 8 programs with 8 segments each
- | Small ceramic chimney is fitted as standard



BCFR12/15-VRP

- | **External Dimensions (mm):** 730 x 585 x 645 (H x W x D)
(Indicative)
- | **Net Wt.:** 58 kg
- | **Supply / Power:** 230V– 1 Phase – 5.0 kW

OPTIONS

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

Elite Thermal Systems Ltd

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