

# Data Sheet

## Model: BCFR12/25-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 **BCFR12/25-VRP** chamber furnace has a 25-liter capacity.

## SPECIFICATIONS

**Maximum Temperature:** 1200°C

**Maximum Continuous Temperature:** 1100°C

- | Compact bench mounted design
- | Chamber dimensions (mm): 250 x 250 x 400 (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



## BCFR12/25-VRP

- | **External Dimensions (mm):** 780 x 635 x 695 (H x W x D)  
(Indicative)
- | **Net Wt.:** 72 kg
- | **Supply / Power:** 400V– 3 Phase – 9.0 kW

## OPTIONS

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

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