

## INTRODUCTION

The **BRF14** high-temperature furnace features a chamber capacity that varies from 5 to 27 liters in its standard configurations. Additional chamber sizes and volumes are available in customized models.

The **BRF14/15** high-temperature furnace has a capacity of 15 liters.

## SPECIFICATIONS

**Maximum Temperature:** 1400°C

**Maximum Continuous Temperature:** 1350°C

**Chamber dimensions (mm):** 225 x 225 x 300 (H x W x D)

Silicon carbide rod heating elements offer an extended operational lifespan and withstand the stress of intermittent operation

Energy efficient, high quality, low thermal mass ceramic fiber insulation

A manually operated, insulated vertical lift door opens upward and outward, keeping the hot face away from the operator

To ensure maximum operator safety, a positive break door switch isolates power from the heating elements whenever the door is opened

High end Microprocessor PID controller

R type Thermocouple

A small ceramic chimney is fitted as standard



**BRF14/15**

**External Dimensions (mm):** 890 x 805 x 765 (H x W x D)  
(Indicative)

**Net Wt.:** 100 kg

**Supply / Power:** 400V– 3 Phase – 8.5 kW (Nominal)  
15.6 kW (Peak power)

## OPTIONS

Electrically operated door

Multi segment, multi program storage Controller

Digital over-temperature protection

## 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](mailto:contact@elitefurnaces.com) | Website: [www.elitefurnaces.com](http://www.elitefurnaces.com)