

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 **BRF14/27** high-temperature furnace has a capacity of 27 liters.

SPECIFICATIONS

Maximum Temperature: 1400°C

Maximum Continuous Temperature: 1350°C

| Chamber dimensions (mm): 290 x 270 x 340 (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



BRF14/27

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

| **Net Wt.:** 110 kg

| **Supply / Power:** 400V– 3 Phase – 12.0 kW (Nominal)
23.5 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 | Website: www.elitefurnaces.com