

Data Sheet

Model: BRF16/15-SY

High Temperature Chamber Furnaces



INTRODUCTION

Sylab Scientific Pvt. Ltd., under technical collaboration with Elite Thermal Systems Ltd, UK, manufactures high quality furnaces in India.

Elite Thermal Systems, based in UK, is a 30-year-old furnace manufacturing company with strong brand recognition across the globe.

Sylab Scientific delivers high-quality solutions by leveraging technical expertise and components sourced from Elite Thermal Systems Ltd, UK.

The **BRF16-SY** high-temperature furnace features a chamber capacity that varies from 5 to 35 liters in its standard configurations. Additional chamber sizes and volumes are available in customized models.

The **BRF16/15-SY** high-temperature furnace has a capacity of 15 liters.



BRF16/15-SY

SPECIFICATIONS

Maximum Temperature: 1600°C

Maximum Continuous Temperature: 1550°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

ELITE PID controller offering 8 programs with 8 segments each

R type Thermocouple

A small ceramic chimney is fitted as standard

External Dimensions (mm): 1050 x 950 x 823 (H x W x D)
(Indicative)

Net Wt.: 100 kg

Supply / Power: 400V– 3 Phase – 11.0 kW (Nominal)
16.0 kW (Peak power)

OPTIONS

Electrically operated door

Multi segment, multi program storage Controller

Digital over-temperature protection

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