

Data Sheet

Model: BCFR12/25-SY

Rapid Heating 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.

BCFR12-SY 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-SY** chamber furnace has a 25-liter capacity.



BCFR12/25-SY

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
- | **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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