

Data Sheet

Model: BCF13/12-SY

General Purpose Chamber Furnace



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.

BCF13-SY is a fast-heating furnace for general purpose use, where clean operating conditions prevail. Good temperature uniformity is achieved by the use of open heating elements retained in low thermal mass chamber wall panels with capacity ranging from 5-litre to 45-litre in standard versions. Other chamber capacities/volumes are offered in custom-built models.

The **BCF13/12-SY** chamber furnace has a 12-liter capacity.

SPECIFICATIONS

Maximum Temperature: 1300°C

Maximum Continuous Temperature: 1250°C

Chamber dimensions (mm): 200 x 200 x 300 (H x W x D)

Two-sided panel heating elements of ceramic fibre containing wire spirals freely radiating from sinusoidal grooves

Compact bench mounted design

Energy efficient, high quality, low thermal mass insulation

Vertically lifting door keeps the hot surface away from the user

Positive break door safety switch isolates heating elements from power supply when door is open

ELITE PID controller offering 8 programs with 8 segments each

Small ceramic chimney and Hard Ceramic hearth tile are fitted as standard



BCF13/12-SY

External Dimensions (mm): 730 x 585 x 645 (H x W x D)
(Indicative)

Net Wt.: 54 kg

Supply / Power: 230V– 1 Phase – 3.0 kW

OPTIONS

Independent Over-temperature protection system

Multi segment, multi program storage Controller

Powered exhaust, Chimney with fan

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