

Data Sheet

Model: BCF13/45

General Purpose Chamber Furnace



INTRODUCTION

BCF13 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 3-litre to 45-litre in standard versions. Other chamber capacities/volumes are offered in custom-built models.

The **BCF13 /45** chamber furnace is a fast-heating furnace with 45 litre capacities.

SPECIFICATIONS

Maximum Temperature: 1300°C

Maximum Continuous Temperature: 1250°C

- | Chamber/Hot zone (mm) - H x W x D
300 x 300 x 500
- | Designed for light duty laboratory applications.
- | Energy efficient, high quality, low thermal mass insulation.
- | Two-sided panel heating elements of ceramic fibre containing wire spirals freely radiating from sinusoidal grooves.
- | Insulated door opens upwards & outwards keeping the hot face away from the operator when the door is opened.
- | Positive break door safety switch isolates heating elements from power supply when door is open.
- | Digital PID temperature controller and small ceramic chimney are fitted as standard.



BCF13/45

| **External Dimensions (mm):** H x W x D **Net Wt.**
(Indicative only) 892 x 803 x 740 120 kg

| Supply / Power: 400V– 1 Phase – 6000 Watts

OPTIONAL FEATURES

- | Independent Overtemperature protection system.
- | Multi segment, multi program storage Controller.
- | Powered exhaust & Chimney/Chimney with fan.

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