

# Data Sheet

Model: BCF12/45

General Purpose Chamber Furnace



## INTRODUCTION

**BCF12** General purpose chamber furnace is designed for General purpose laboratory applications and providing satisfactory performance for many firing applications and is available in various capacities ranging from 3 litres to 45 litres in standard versions. Other chamber capacities/volumes are offered in custom-built models.

The **BCF12/45** chamber furnace has a 45-liter capacity.

## SPECIFICATIONS

**Maximum Temperature:** 1200°C

**Maximum Continuous Temperature:** 1200°C

- | Chamber (mm) - H x W x D  
300 x 300 x 500
- | 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.
- | Vertical lifting door keeps 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.
- | High end Microprocessor PID controller.
- | Small ceramic chimney and Hard Ceramic hearth tile are fitted as standard.



**BCF12/45**

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

| Supply / Power: 230V– 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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