

# Data Sheet

## Model: BCF12/25-VRP

### General Purpose Chamber Furnace



## INTRODUCTION

**BCF12-VRP** 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 5 litres to 45 litres in standard versions. Other chamber capacities/volumes are offered in custom-built models.

The **BCF12/25-VRP** chamber furnace has a 25-liter capacity.

## SPECIFICATIONS

**Maximum Temperature:** 1200°C

**Maximum Continuous Temperature:** 1150°C

| Chamber dimensions (mm)- 250 x 250 x 400 (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.

| 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.

| ELITE PID controller offering 8 programs with 8 segments each.

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



**BCF12/25-VRP**

| **External Dimensions (mm):** 780 x 632 x 692 (H x W x D)  
(Indicative)

| **Net Wt.:** 67 kg

| **Supply / Power:** 230V– 1 Phase – 6.0 Kw

## OPTIONS

| Independent Over-temperature protection system

| Multi segment, multi program storage Controller

| Powered exhaust, Chimney with fan

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