

# Data Sheet

Model: BCF13/42-VRP

General Purpose Chamber Furnace



## INTRODUCTION

**BCF13-VRP** 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 **BCF13/42-VRP** chamber furnace has a 42-liter capacity.

## SPECIFICATIONS

**Maximum Temperature:** 1300°C

**Maximum Continuous Temperature:** 1250°C

| Chamber dimensions (mm)- 305 x 305 x 450 (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.



**BCF13/42-VRP**

| **External Dimensions (mm):** 892 x 803 x 740 (H x W x D)  
(Indicative)

| **Net Wt.:** 117 kg

| **Supply / Power:** 400V– 3 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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