

Data Sheet

Model: BCF12/42-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 **BCF12/42-VRP** chamber furnace has a 42-liter capacity.

SPECIFICATIONS

Maximum Temperature: 1200°C

Maximum Continuous Temperature: 1150°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.



BCF12/42-VRP

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

| **Net Wt.:** 117 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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