

Data Sheet

Model: BCF12/8-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 **BCF12/8-VRP** chamber furnace has a 8-liter capacity.

SPECIFICATIONS

Maximum Temperature: 1200°C

Maximum Continuous Temperature: 1150°C

| Chamber dimensions (mm)- 180 x 190 x 235 (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.



BCF12/8-VRP

| **External Dimensions (mm):** 675 x 532 x 520 (H x W x D)
(Indicative)

| **Net Wt.:** 41 kg

| **Supply / Power:** 230V– 1 Phase – 2.0 Kw

OPTIONS

| Independent Over-temperature protection system

| Multi segment, multi program storage Controller

| Powered exhaust, Chimney with fan

Elite Thermal Systems Ltd

Elite Court, 6 Stuart Road, Market Harborough, Leicestershire LE16 9PQ, UK

Tel: +44 (0)1858 469834 | E-mail: contact@elitefurnaces.com | Website: www.elitefurnaces.com