



INTRODUCTION

The **BRF17** high-temperature furnace features a chamber capacity that varies from 5 to 27 liters in its standard configurations. Additional chamber sizes and volumes are available in customized models.

The **BRF17/5M** high-temperature furnace has a capacity of 5 liters.

SPECIFICATIONS

Maximum Temperature: 1700°C

Maximum Continuous Temperature: 1650°C

| Chamber dimensions (mm): 160 x 150 x 215 (H x W x D)

| Molybdenum discilicide heating elements mounted in the sides of the chamber radiates heat directly into the furnace

| Energy efficient, high quality, low thermal mass insulation

| A manually operated, insulated vertical lift door opens upward and outward, keeping the hot face away from the operator

| Overtemperature protection system included as standard

| High end Microprocessor PID controller

| To ensure maximum operator safety, a positive break door switch isolates power from the heating elements whenever the door is opened

| Type "B" thermocouple

| A small ceramic chimney is fitted as standard



BRF17/5M

| **External Dimensions (mm):** 635 x 900 x 695 (H x W x D)
(Indicative)

| **Net Wt.:** 128 kg

| **Power Supply:** 230V– 1 Phase

| **Energy rating:** 4.4 kW

PHASE CONTROL

Phase angle fired thyristor unit in conjunction with a low voltage secondary isolating transformer provides the heating elements with correct operating parameters.

OPTIONS

| Gas Inlet/outlet

| Multi segment, multi program storage controller

Elite Thermal Systems Limited

Units F1-F2 and F3, Welland Business Park, Valley Way, Market Harborough. Leicestershire. LE16 7PS, UK

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