

Data Sheet

Model: BRF17/12M

High Temperature Chamber Furnaces



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 **BRF17/12M** high-temperature furnace has a capacity of 12 liters.

SPECIFICATIONS

Maximum Temperature: 1700°C

Maximum Continuous Temperature: 1650°C

- | Chamber dimensions (mm): 230 x 230 x 230 (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



BRF17/12M

- | **External Dimensions (mm):** 1550 x 850 x 740 (H x W x D)
(Indicative)
- | **Net Wt.:** 230 kg
- | **Power Supply:** 230V– 1 Phase
- | **Energy rating:** 7.6 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 controlle

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