

# Data Sheet

Model: BSF12/6A

Laboratory Ashing Furnace



## INTRODUCTION

The **BSF12/A** Laboratory Ashing furnace design makes it ideal for treating heavier loads and for processing of material that could contaminate floor mounted heating elements through spillage. It is available in various capacities ranging from 4 liters to 45 liters in standard versions. Other chamber capacities/volumes are offered in custom-built models.

**BSF12/6A** has a 6-liter capacity.

## SPECIFICATIONS

**Maximum Temperature:** 1200°C

**Maximum Continuous Temperature:** 1150°C

Chamber (mm) - H x W x D  
127 x 152 x 305

An ashing feature which provides optimum combustion conditions within the chamber, and improved process fume removal from the chamber.

Ideal for ashing foods, plastics, coal & other hydrocarbon materials.

Protection of the elements from carbon build-up or corrosive atmosphere, inherent in the slab design of BSF furnaces.

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 opened.

High-end micro-processor PID controller.

The heating elements are manufactured from high temperature resistance wire spirals embedded in a cast refractory slab, mounted on two sides of the chamber.

A large metal chimney and hard ceramic base are fitted as standard.



**BSF12/6A**

**External Dimensions (mm):** H x W x D      **Net Wt.**  
(Indicative only)      727 x 582 x 645      62 kg

Supply / Power: 230V– 1 Phase – 2000 Watts

## OPTIONAL FEATURES

4 Side heating elements are available for all round heating when heavier loads, or metal retorts are fitted.

Over temperature protection controller.

Multi segment, multi program storage controllers.

## Elite Thermal Systems Limited

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

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