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 dimensions (mm): 127 x 152 x 305 (H x W x D)
- 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
- Vertically lifting door keeps the hot surface away from the user
- Positive break door safety switch isolates heating elements from power supply when door is opened
- High end Microprocessor 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):** 730 x 585 x 645 (H x W x D) (Indicative)
- **Net Wt.:** 62 kg
- Supply / Power: 230V– 1 Phase – 2.0 kW

OPTIONS

- Independent Over-temperature protection system
- Multi segment, multi program storage controllers
- Powered exhaust, Chimney with fan
- Crucibles (Alumina/Fused Silica)
- Lids (Required while cooling)
- Sample Trays
- Tray Loading Handles
- 4 Side heating elements are available for all round heating when heavier loads, or metal retorts are fitted

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Elite DOC 179
REV No: 001