

# Data Sheet

## Model: BIF12/203

### Light Industrial Chamber Furnace



#### INTRODUCTION

The **BIF12** is a Light Industrial chamber furnace for General purpose heat treatment applications which include -stress relieving normalising and annealing. BIF12 offers chamber capacity ranging from 72 to 203 liters in standard versions. Other chamber capacities/volumes are offered in custom-built models.

**BIF12/203** chamber furnace has a 203-liter capacity.

#### SPECIFICATIONS

**Maximum Temperature:** 1200°C

**Maximum Continuous Temperature:** 1150°C

Chamber (mm) - H x W x D  
(Indicatively) 450 x 600 x 750

Free radiating coiled wire elements on three sides (2 sides with roof) and load bearing Hearth tile.

High quality, Low thermal mass insulation for quick response and energy efficiency.

Traditional load bearing refractory used for chamber hearth and entrance which protects against damage and supports heavier loads.

The manually operated door opens outwards and then slides upwards keeping the hot face away from the operator.

The door switch isolates power from the heating elements whenever the door is opened for maximum operator safety.

A small ceramic chimney is fitted as standard.

R-type thermocouple.

High end Microprocessor/programmable controller.



**BIF12/203**

**External Dimensions (mm):** H x W x D  
(Indicatively) 1950 x 1275 x 1225

Supply / Power: 400V– 3 Phase – 35000 (approx.) Watts

#### OPTIONAL FEATURES

Multi segment, multi program storage Controllers.

Independent Overtemperature protection system.

### 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)