

# Data Sheet

Model: BIF14/203

Light Industrial Chamber Furnace



## INTRODUCTION

The **BIF** furnaces are designed for high temperature heat treatment applications for high temperature materials such as precious metals & technical ceramics. BIF14 offers chamber capacity ranging from 102 to 203 liters in standard versions. Other chamber capacities/volumes are offered in custom-built models.

**BIF14/203** chamber furnace has a 203-liter capacity.

## SPECIFICATIONS

**Maximum Temperature:** 1400°C

**Maximum Continuous Temperature:** 1400°C

- | Chamber (mm) - H x W x D  
(Indicatively) 450 x 600 x 750
- | Silicon carbide elements which radiate heat direct onto the workpiece provides rapid heating and cooling and low running costs.
- | Generally low thermal mass insulation with brick front and hearth.
- | The furnace is fitted with an electrically operated upward opening door on a parallel link that keeps the hot face away from the operator.
- | Independent Overtemperature protection system.
- | R-type thermocouple.
- | High end Microprocessor/programmable controller.
- | Door switch isolates power from the heating elements whenever the door is opened for maximum safety.
- | A small ceramic chimney is fitted as standard.



**BIF14/203**

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

| Supply / Power: 400V– 3 Phase – 45000 (approx.)

## OPTIONAL FEATURES

| Multi segment, multi program storage Controllers.

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