

Data Sheet

Model: BIF14/102

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.

BIF14/102 chamber furnace has a 102-liter capacity.

SPECIFICATIONS

Maximum Temperature: 1400°C

Maximum Continuous Temperature: 1400°C

- | Chamber (mm) - H x W x D
(Indicatively) 350 x 450 x 650
- | 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.



BIF14/102

| **External Dimensions (mm):** H x W x D
(Indicatively) 1800 x 950 x 1150

| Supply / Power: 400V– 3 Phase – 30000 (approx.)

OPTIONAL FEATURES

| Multi segment, multi program storage Controllers.

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