

# Data Sheet

Model: BIF17/91

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. BIF17 offers chamber capacity ranging from 82 to 227 liters in standard versions. Other chamber capacities/volumes are offered in custom-built models.

**BIF17/91** chamber furnace has a 91-liter capacity.

## SPECIFICATIONS

**Maximum Temperature:** 1700°C

**Maximum Continuous Temperature:** 1700°C

- | Chamber (mm) - H x W x D  
(Indicatively) 450 x 450 x 450
- | Substantial Molybdenum Disilicide loop elements mounted on 2 chamber sides.
- | Dense refractory front vestibule, chamber floor and part side walls; remainder low thermal mass ceramic fibre materials.
- | Robust rolled hollow section steel framework with folded edge infill panels, all finished in a durable stoved epoxy enamel.
- | Over temperature protection is included in the standard specification.
- | The furnace is fitted with an electrically operated upward opening door on a parallel link that keeps the hot face away from the operator.
- | B-type thermocouple.
- | High end Microprocessor/programmable controller.
- | A small ceramic chimney is fitted as standard.



**BIF17/91**

| **External Dimensions (mm):** H x W x D  
(Indicatively) 1960 x 1510 x 1125

| Supply / Power: 400V– 3 Phase – 24000 (approx.) Watts

## OPTIONAL FEATURES

| Multi segment, multi program storage Controllers.

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