

# Data Sheet

Model: BIF17/82

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.

**BIF17/82** chamber furnace has a 82-liter capacity.

## SPECIFICATIONS

**Maximum Temperature:** 1700°C

**Maximum Continuous Temperature:** 1700°C

| Chamber (mm) - H x W x D  
450 x 300 x 610

**The above dimensions are indicative**

| 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.



**BIF17/82**

| **External Dimensions (mm):** H x W x D  
(Indicatively) 1830 x 1010 x 1000

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

## OPTIONAL FEATURES

| Multi segment, multi program storage Controllers.

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