

Data Sheet

Model: BIF12/102

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.

BIF12/102 chamber furnace has a 102-liter capacity.

SPECIFICATIONS

Maximum Temperature: 1200°C

Maximum Continuous Temperature: 1150°C

Chamber dimensions (mm): 350 x 450 x 650 (H x W x D)

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

A manually operated, insulated vertical lift door opens upward and outward, keeping the hot face away from the operator

To ensure maximum operator safety, a positive break door switch isolates power from the heating elements whenever the door is opened

A small ceramic chimney is fitted as standard

R-type thermocouple

High end Microprocessor PID controller



BIF12/102

External Dimensions (mm): 1800 x 950 x 1150 (H x W x D)
(Indicative)

Supply / Power: 400V– 3 Phase – 20.0 kW

OPTIONS

Multi segment, multi program storage Controllers

Independent Over-temperature protection system

Independent monitoring probes

Calibration/furnace surveys

Loading/unloading systems

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