

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

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.

The manually operated door opens outwards and then slides upwards keeping the hot face away from the operator.

The door switch isolates power from the heating elements whenever the door is opened for maximum operator safety.

A small ceramic chimney is fitted as standard.

R-type thermocouple.

High end Microprocessor/programmable controller.



BIF12/102

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

Supply / Power: 400V– 3 Phase – 20000 (approx.) Watts

OPTIONAL FEATURES

Multi segment, multi program storage Controllers.

Independent Overtemperature protection system.

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