

Data Sheet

Model: BIF12/72

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.

BIF12/72 chamber furnace has a 72-liter capacity.

SPECIFICATIONS

Maximum Temperature: 1200°C

Maximum Continuous Temperature: 1150°C

| Chamber dimensions (mm): 300 x 400 x 600 (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



BIF12/72

| **External Dimensions (mm):** 860 x 825 x 945 (H x W x D)
(Indicative)

| **Supply / Power:** 400V– 3 Phase – 14.0 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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