

# Data Sheet

Model: TLCF12/125

Top Loading Chamber Furnaces



## INTRODUCTION

**TLCF12 Top Loading Chamber Furnaces** are suited to application which involve heavy loads, where samples are contained in tall crucibles, or where there is a danger of spillage onto the base of the chamber and is available in various capacities ranging from 5 litres to 125 litres in standard versions. Other chamber capacities/volumes are offered in custom-built models.

The **TLCF12/125** chamber furnace has a 125-liter capacity.

## SPECIFICATIONS

**Maximum Temperature:** 1200°C

**Maximum Continuous Temperature:** 1150°C

- | Floor mounted design
- | Chamber dimensions (mm)- 620 x 450 x 450 (H x W x D)
- | Energy efficient, high quality, low thermal mass brick insulation.
- | These heating elements are robust cast refractory panels mounted on all sides.
- | Type 'R' thermocouple.
- | A lever allows the operator to open and close top opening door safely and conveniently.
- | High end Microprocessor PID controller.
- | Exhaust port to assist fumes removal is fitted to the furnace door.



**TLCF12/125**

| **External Dimensions (mm):** 1175 x 950 x 950 (H x W x D)  
(Indicative)

[Dimensions with door closed]

| **Supply / Power:** 400V– 3 Phase – 18.0 Kw

## OPTIONS

- | Independent Over-temperature protection system
- | Multi segment, multi program storage controllers
- | Monitoring probes

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