

Data Sheet

Model: TLCF12/25

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 **TLCF12/25** chamber furnace has a 25-liter capacity.

SPECIFICATIONS

Maximum Temperature: 1200°C

Maximum Continuous Temperature: 1150°C

- | Floor mounted design
- | Chamber (mm) - H x W x D
450 x 250 x 225
- | Energy efficient, high quality, low thermal mass. Insulation with brick insulation.
- | These heating elements are robust cast refractory panels mounted on all 4 sides.
- | Type 'R' thermocouple.
- | Swing aside door keeps hot door surface away from operator.
- | High end Microprocessor PID controller.
- | A small ceramic chimney is fitted as standard.



TLCF12/25

External Dimensions (mm): H x W x D **Net Wt.**
(Indicative only) 875 x 625 x 550 135 kg

| Supply / Power: 230V– 1 Phase – 6000 Watts.

OPTIONAL FEATURES

- | Independent Overtemperature protection system.
- | Multi segment, multi program storage controllers.
- | Monitoring probes.

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