

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



TLCF12/25

| Floor mounted design

| Chamber dimensions (mm): 450 x 250 x 225 (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

| **External Dimensions (mm):** 875 x 625 x 550 (H x W x D)
(Indicative)

[Dimensions with door closed]

| Supply / Power: 230V– 1 Phase – 6.0 kW

OPTIONS

| Independent Over-temperature protection system

| Multi segment, multi program storage controllers

| Monitoring probes

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