

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 (mm) - H x W x D
620 x 450 x 450

| 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.



TLCF12/125

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

[Dimensions with door closed]

| Supply / Power: 400V– 3 Phase – 18000 Watts.

OPTIONAL FEATURES

| Independent Overtemperature protection system.

| Multi segment, multi program storage controllers.

| Monitoring probes.

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