

# Large Capacity Drying Oven

*Designed and manufactured in Australia by  
Thermoline Scientific*

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# Proudly Family- Owned and Operated

Today, we remain a proud second-  
generation family business



A family  
owned  
Australian  
business



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Thermoline Scientific has designed and manufactured this large capacity drying oven with the assistance, and in consultation with the Department of Primary Industries, for the removal of moisture in large amounts of soils, however, this large dehydrating oven will perform equally when loaded with other materials or samples.

The TD-78T-2-D is the largest drying oven in the Thermoline catalogue and features a huge 2500L capacity over 26 shelf or tray levels. Each level has the option of a single large open wire shelf, or either three solid or perforated trays (78 trays in total).

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The Thermoline drying ovens are all designed and manufactured in Australia. The TD-78T-2-D is the largest of the range and features a massive 2500L capacity over 26 shelf levels or 78 individual trays.

Since 1970, Thermoline Ovens have been the proven industry standard. Our Ovens appear in thousands of labs across the country and have been trusted for all general or critical research applications.

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**"This product is Proudly Australian Made."**

Thermoline Scientific have been manufacturing and distributing high quality laboratory and scientific testing equipment since 1970. Over this time, Thermoline has grown to be a leading brand in the science industry.

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**"Built to last using the best materials."**

Thermoline Scientific uses the best materials that are able to withstand prolonged use and maintain their structural integrity. Materials such as Galvanised Steel, Aluminium, Zinc and Stainless Steel are commonly used in products that are subject to wear and tear. Benefits of these materials include:

- **Corrosion resistance.**
- **Lightweight.**
- **High load stress resistance.**
- **Low Maintenance.**



## **Our difference is in our commitment**

For over 50 Years we have provided  
industry leading equipment and service



# Large Capacity Drying Oven

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- **Australian Made:**

This range is designed and manufactured by Thermoline. We proudly promote and support the Australian Made logo.

- **Proven Reliability:**

With Thermoline's long standing track record of consistent performance through the use of durable materials and rigorous testing, you can trust in our products dependable performance.

- **Star X 10" Touchscreen:**

The STAR X touchscreen control system offers easy-to-program control of temperature. The STAR X logs performance data for as long as 800 days. Operators can also download the logged data to a USB and then view data via an Excel spreadsheet.

- **Shelf and Tray options:**

Three standard options are available depending on your application:

1. Open wire stainless steel shelves (26 off)
2. Perforated stainless steel trays (78 off)
3. Solid stainless steel trays (78 off)

- **Fan Forced Air Circulation:**

Fan-forced air circulation is a process of circulating air using a fan to distribute it evenly throughout the space. Thermoline's horizontal airflow blows dry air across each shelf for effective drying anywhere inside the oven. Heated air is blown down the rear of the oven, where it is then forced over the shelf spaces via a perforated rear wall.

- **Industrial Grade Centrifugal Fan Motors:**

Three Industrial 3-phase motors are used for air circulation. These motors are robust and reliable, ensuring long lifespans and the most efficient method for moving large volumes of air throughout such a large workspace.

- **Stainless Steel Interior:**

Stainless steel is durable, easy to clean and resistant to corrosion, making it the perfect choice for high-humidity environments. 316 Stainless steel is used here to ensure the most corrosive-resistant liner.

## "Providing the industry standard since 1970."

Since 1970, Thermoline lab equipment has been the proven industry standard. Our products appear in thousands of labs across the country and have been trusted for all general or critical research applications.

### Warranty:

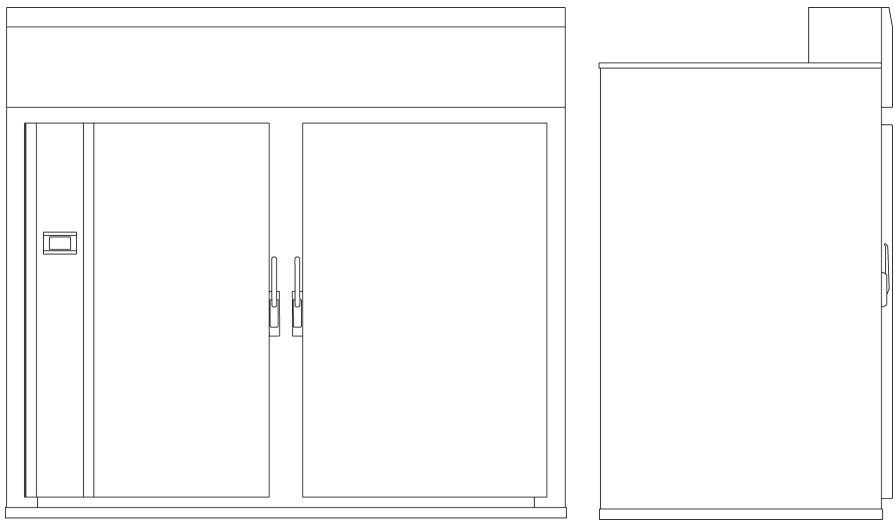
Thermoline offers a comprehensive two years parts and labour warranty on all Australian Made products.





# Large Capacity Drying Oven

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**Dimensions**

**External**

TD-78T-2-D

WxDxH (mm)

1780x1230x2360

**Internal**

WxDxH (mm)

1650x1070x1620

**Clearance**

TD-78T-2-D

Front (mm)

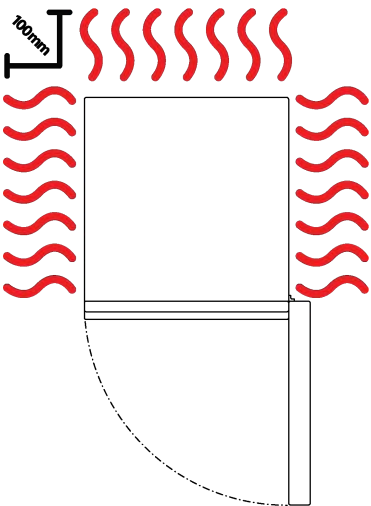
890

Back (mm)

100

Sides (mm)

100



**See our Laboratory Oven Range.**  
80L, 150L, 250L, 500L, 700L and 680L

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## Technical Specifications

TD-78T-2-D

Temperature Range	Ambient +10°C to 150°C
Temperature Uniformity	+/-2°C to 100°C
Doors	2
Shelf Positions	100mm spacing between levels
Electrical	15A / 3 Phase + N + E / 415V (20A 5 pin 3 phase outlet required)
Nominal Capacity	2500L
Weight	480kg

## Features

Lockable Castors	✓
Internal Fans	✓
Star X Touch Screen	✓
Ethernet Port	✓
Download data to USB	✓
Battery Backed-up Alarms	✓
Solid Doors	✓
BMS	✓
Fibreglass Insulation	✓

## Safety

Over Temperature Safety	✓
Over Current Protection	✓

## Options

Open Wire Shelves	Stainless steel shelves are 900x750mm. Two shelves per level
Perforated Trays	Stainless steel trays are 300x750mm with 50mm depth. Standard perforations are 20mm diameter at 80mm centres but can be customised to suit. Six trays per level
Solid Trays	Stainless steel trays are 300x750mm with 50mm depth. Six trays per level
Door Locks	Door latches can be replaced with key lockable versions





**We are proudly  
Australian owned**

We will continue to invest in Australian  
manufacturing.

