

# LARGE CAPACITY DEHYDRATING OVENS

(AMBIENT +10°C TO +150°C)

Image: TD-78T-2-D



## Thermoline Large Capacity Dehydrating Ovens

- Three models ranging in size from 1020 litres to 2180 litres
- Stainless steel internal liner fully TIG welded and sealed
- External mounted high capacity high volume fan motors with aluminium blower wheels
- Electronic digital control for uniform and stable temperatures
- Adjustable air vents for both inlet and exhaust
- Fully insulated with fibreglass wool
- Control accuracy at set point  $\pm 0.25^{\circ}\text{C}$
- Solid construction designed to facilitate large volume samples
- Controllable temperature range ambient  $+5^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$
- Industrial hinges and door catch mechanics

Head Office Phone (02) 9604 3911  
Head Office Fax (02) 9725 1706

Email [info@thermoline.com.au](mailto:info@thermoline.com.au)  
Web [www.thermoline.com.au](http://www.thermoline.com.au)

 **Thermoline**  
S C I E N T I F I C  
HIGHER STANDARDS IN SCIENCE

# PRODUCT DETAILS

Thermoline Scientific has a range of large style Dehydrating ovens which have been designed with the assistance and in consultation with the Department of Primary Industries for the removal of large amounts of moisture in Soils, however our TD-Series of dehydrating ovens will perform equally when loaded with other materials or samples.

## Safety Devices

Auto over temperature safety (Failsafe)
---

Over temperature thermostat cut-off protects samples and oven
---

Over current protection
-------------------------

## Optional Accessories

Stainless steel perforated shelving trays
---

Stainless steel solid shelving trays
--------------------------------------

Open wire chrome plated shelves
---------------------------------

Ramp to set point
-------------------

Stainless steel external construction
---------------------------------------

Additional alarms
-------------------

# SPECIFICATIONS

See next page for specifications.

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, with our equipment being used in small and large Hospitals, Universities and Research Laboratories across Australia and the Asia Pacific region.

We're proud to say that we are 100% Australian owned and operated.

**Head Office Phone** (02) 9604 3911

**Head Office Fax** (02) 9725 1706

**Email** [info@thermoline.com.au](mailto:info@thermoline.com.au)

**Web** [www.thermoline.com.au](http://www.thermoline.com.au)

# SPECIFICATIONS

Model	TD-36T-1-D	TD-48T-1-D	TD-78T-2-D
Type	Upright / Floormount		
Useable Volume (litres)	1020	1300	2180
Doors	1 Solid Door		2 Solid Doors
Shelf / Tray Positions	12 at 100mm centres	16 at 100mm centres	13 at 100mm centres (13x per door)
Number of Shelves (Optional Extra) (WxD mm)	12 Stainless Steel (open wire type) 755x90	16 Stainless Steel (open wire type) 755x90	26 Stainless Steel (open wire type) 755x90
Number of Trays (Optional Extra) (WxDxH mm)	36 Stainless Steel (solid base) 755x300x50	48 Stainless Steel (solid base) 755x300x50	78 Stainless Steel (solid base) 755x300x50
Number of Trays (Optional Extra) (WxDxH mm)	36 Stainless Steel (perforated base) 755x300x50	48 Stainless Steel (perforated base) 755x300x50	78 Stainless Steel (perforated base) 755x300x50
Number of Fans	2 Centrifugal Type		3 Centrifugal Type
Motor Type	External TEFC		
Temperature Range	Ambient +10°C to +150°C		
Temperature Control	Digital PID Solid State		
Ventilation	Adjustable through flow of ambient air		
Internal Dimensions (HxWxD mm)	1500x760x900	1950x760x900	1620x1650x1000
External Dimensions (HxWxD mm)	2350x115x105	2900x1150x1050	1620x1650x1000
Internal Material	304 Grade Stainless Steel		
External Material	Colour Coated Steel		
Electrical Elements	3x2500W	3x3000W	
Electrical	15A / 3 Phase / 415V		
Run Timer	Omron duration timer fitted standard		
Packed Size (HxWxD mm)	2500x1250x1200	2950x1250x1200	2550x1900x1340
Weight (kg)	320 with trays	350 with trays	420 with trays

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, with our equipment being used in small and large Hospitals, Universities and Research Laboratories across Australia and the Asia Pacific region.

We're proud to say that we are 100% Australian owned and operated.

**Head Office Phone** (02) 9604 3911  
**Head Office Fax** (02) 9725 1706

**Email** [info@thermoline.com.au](mailto:info@thermoline.com.au)  
**Web** [www.thermoline.com.au](http://www.thermoline.com.au)