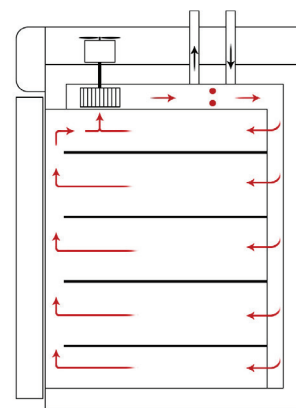


# DEHYDRATING OVENS

(AMBIENT +10°C TO +200°C)

Image: TD-500F



Above: Diagram showing the horizontal air flow system

## Thermoline Dehydrating Ovens

- Three standard sizes from 150 to 500 litres
- Energy efficient digital control technology
- Long life high speed fan motors
- Adjustable chrome plated shelving
- Custom designed air handling system to provide heated air across each shelf position
- Large 50mm adjustable air inlet and adjustable exhaust outlet
- Control accuracy better than  $\pm 0.25^{\circ}\text{C}$
- Chamber spatial variation at  $100^{\circ}\text{C}$  of  $\pm 2^{\circ}\text{C}$  (unloaded, vents closed)
- Sealed liner



Horizontal air flow system

## Instrument Choice

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# PRODUCT DETAILS

Thermoline's range of Dehydrating Ovens are designed to remove large quantities of moisture from products and samples. Typical applications include moisture removal from powder, soil, paper, timber, plaster, fabric, coal and many other minerals. The ovens feature a high air flow rate to ensure effective drying and chamber heating. An adjustable air inlet and an adjustable air exhaust vent supply fresh air into the chamber while removing moist air from the chamber.

Thermoline also manufactures large dehydration ovens designed in conjunction with the Department of Primary Industries for soil testing.

Safety Devices
Auto over temperature safety (Failsafe)
Over current protection
Controller error codes for open CCT sensor or control malfunction
Exterior of oven cool and safe to touch even when at maximum operating temperature

Optional Accessories
Additional shelving
Additional monitoring cable ports
Programmable controller
Key door locks

# SPECIFICATIONS

Model	TD-150F	TD-330F	TD-500F
Capacity	150	330	500
Internal Dimensions (WxDxH mm)	500x520x600	600x550x1000	650x650x1200
External Dimensions (WxDxH mm)	620x670x970	730x740x1410	780x830x1610
Shelves	3	4	5
Temperature Range	Ambient +10°C to 200°C		
Temperature Uniformity	±2°C at 100°C (unloaded and vents closed)		
Electrical (W)	2000		3060
Weight (kg)	78	120	150

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.

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