

PREMIUM GLASSWARE DRYING OVENS

(AMBIENT +10°C TO +80°C)

(Image: TGD-150F)



Premium Glassware Drying Ovens

Premium High Air Flow Moisture Removal Oven with Digital Temperature Control

- Two standard sizes 80 and 150 litres
- Glass door to easily see items inside
- Energy efficient digital control technology
- Long life high speed fan motors
- Adjustable shelving
- Custom designed air handling system
- Large 50mm adjustable air in and exhaust outlet
- Spatial variation at 80°C of $\pm 2^\circ\text{C}$ (unloaded, vents closed)
- Sealed liner





Thermoline's range of Glassware Drying Ovens have been designed to efficiently dry washed glassware products.

There are two key sizes from 80 litres to 150 litres, all fitted with front glass viewing doors to easily see items inside.

The ovens have 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.

Flat perforated shelving is supplied to prevent fragile items tumbling over.

Left: Top of oven showing adjustable air exhaust vents.

Safety Devices

Auto over temperature safety (Failsafe)

Over current protection

Controller error codes for open CCT sensor or control malfunction

Oven exterior cool to touch even when at maximum operating temperature

Optional Accessories

Additional shelving

Additional monitoring cable ports

Programmable controller

Key door locks

SPECIFICATIONS

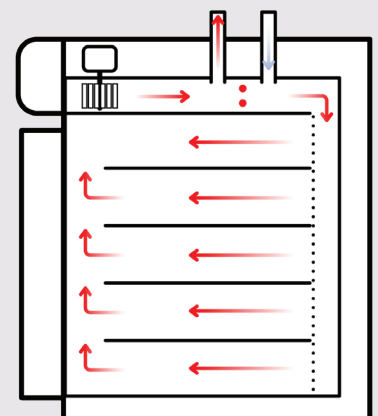
Model	TGD-80F	TGD-150F
Capacity (litres)	80	150
Internal Dimensions (WxDxH mm)	395x410x400	500x510x600
External Dimensions (WxDxH mm)	515x550x705	620x645x930
Door	Single Glass Door	
Shelves	2	3
Temperature Range	Ambient +10°C to 80°C	
Temperature Uniformity	±2°C at 80°C (unloaded and vents closed)	
Casters	No	Yes
Electrical	1550W (6.5 Amps)	
Weight (kg)	55	78

Horizontal Air Flow System in Fan Forced Models

Thermoline's fan forced dehydrating ovens feature a unique horizontal air flow system which ensures dry heated air is directed across each shelf space for effective drying of samples 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.

Moist air is vented outside the oven via a top port hole. This prevents additional moisture building up inside the oven. Internal air flow can be regulated by opening and closing the top ventilation ports.

The horizontal air flow system features in all premium dehydrating ovens, volatile material dehydrating ovens, large capacity dehydrating ovens and glassware drying ovens.





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.

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