

REFRIGERATED TEMPERATURE AND HUMIDITY CABINETS WITH LIGHTS

(+5°C TO +45°C) (10% TO 95% RH)

Image: TRHSL-850



Refrigerated Temperature and Humidity Cabinets

- Models available from 460 to 850 litres
- Models available with lighting (door and shelf)
- Precise control of temperature and humidity
- Digital indication of internal temperature and set values
- Quiet running CFC free refrigeration system
- Fully insulated to help maintain temperature values
- Humidity control via in built dew point water trough
- Monitoring or cable point access port
- Fully adjustable open wire shelves
- Fitted with castors to allow for easy moving



Internal shelf lighting

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 **Thermoline**
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H I G H E R S T A N D A R D S I N S C I E N C E

PRODUCT DETAILS

As well as the standard range of temperature and humidity controlled cabinets, Thermoline have a range which includes fluorescent lighting. Within the lighting range are two variations, the TRHL with lighting fitted to the outside of the glass door, which allows light energy to pass through the glass therefore eliminating the majority of the heat. The other variation is the TRHSL which has shelf lighting allowing a more direct and even distribution of light across each shelf. Both the TRHL and the TRHSL utilise high output T5 fluorescent lamps.

Both The TRHL and TRHSL cabinet are supplied in two sizes, a single door 460-litre and a double door 850-litre. All TRHL and TRHSL cabinets have diurnal control of temperature, Humidity and Lighting. The cabinets can be set to more accurately simulate the increase and decrease of conditions during a 24hr period, by utilising the ramp rate feature, whilst the independent lighting timer still allows the lights to be controlled independently of the temperature and humidity.

All shelf lighting lamps are protected by a Polycarbonate cover for protection against accidental breakage and watering of plant material.

Both the TRHL and TRHSL lights can be easily replaced without the need to unload the product samples from the cabinet. The TRHSL has lighting trays which are independent to the actual shelf, therefore can be removed from the cabinet without the need to remove product load. The TRHL has the lights in an external door cover which can be opened to remove the lights without actually opening the door of the cabinet.

Safety Features

Over current protection
Auto over temperature safety (Failsafe)
Built in electric element safety cut out
Positive door closure
Lockable castors

Optional Accessories

Programmable controllers with computer interface
Deviation alarms with remote contacts
Additional cable port holes
CO ² to 3000 PPM

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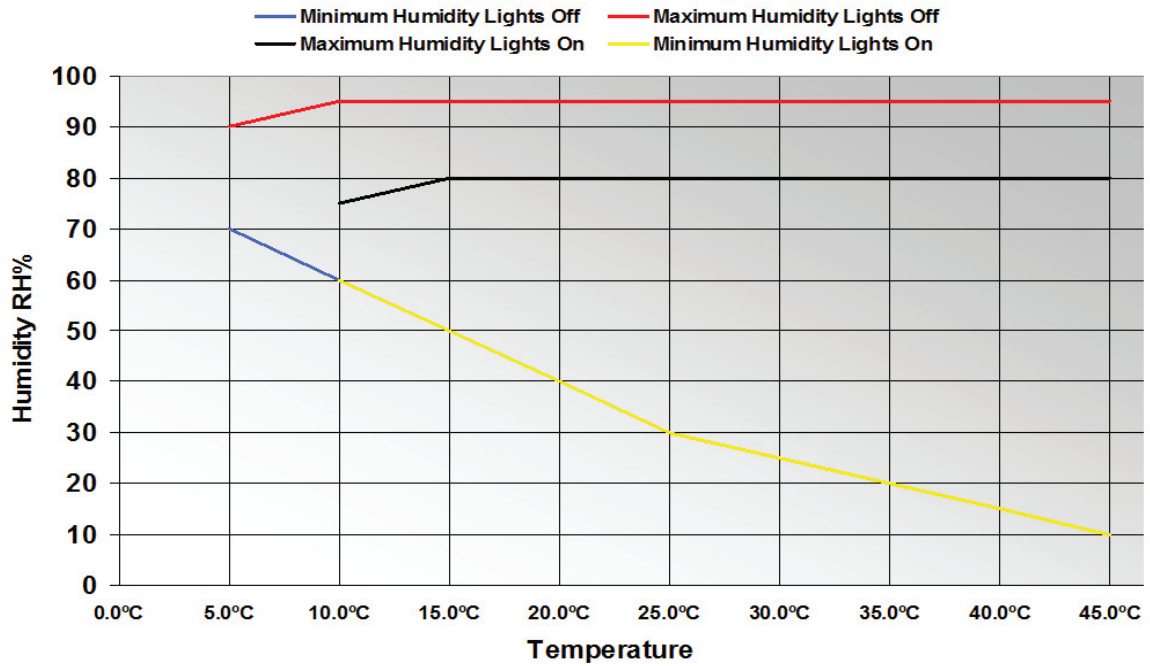
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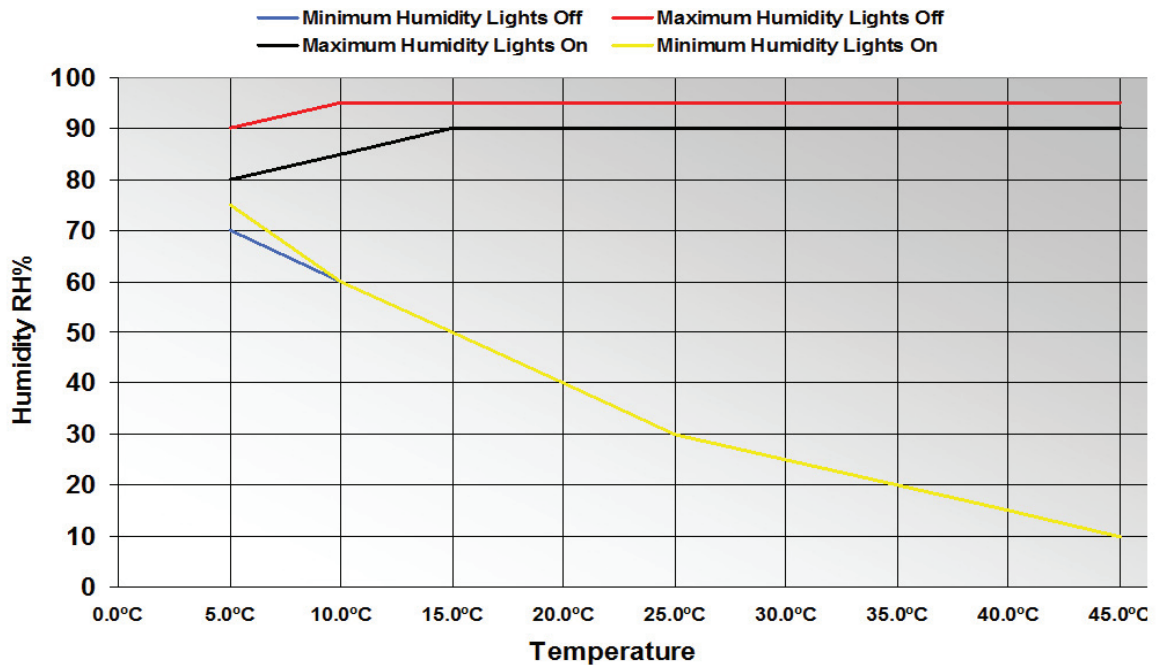
HIGHER STANDARDS IN SCIENCE

SPECIFICATIONS

Control Envelope for TRHSL-460 and TRHSL-850 Cabinets



Control Envelope for TRHL-460 and TRHL-850 Cabinets



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SPECIFICATIONS

Model	TRHL-460	TRHSL-460	TRHL-850	TRHSL-850
Temperature Range	5°C to +45°C			
Humidity Range	10% to 95%			
Internal Dimensions (HxWxD mm)	1140x650x650		1140x1170x650	
External Dimensions (HxWxD mm)	1900x810x910		1900x1330x910	
Capacity (litres)	460		850	
Shelf Positions	Multiple			
Shelves Supplied	4	3 Levels / 3 Light Trays	8	3 Levels / 3 Light Trays
Electrical Supply	15 Amps 240 V	10 Amps 415 V	15 Amps 240 V	10 Amps 415 V
Light Intensity				
Temperature Control Stability	±0.1°C			
Temperature Spatial Variation	±1.0°C			
Humidity Control Stability	±1% RH			
Humidity Spatial Variation	±3% RH			
Approx Weight (kg)	150	180	200	245
Packed Dimensions (HxWxD mm)	2100x1050x110		2100x1540x1100	
Packed Weight (kg)	230	260	290	335

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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