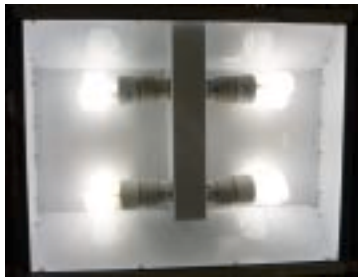


Refrigerated Incubators with Diurnal Control (+5°C to +40°C)



• Rear lighting panel in the TRIL-120-1-VW provides even lighting to each shelf.



TRIL-120-1-VW



TRIL-200-1-SD

FEATURES

Thermoline's range of Refrigerated Incubators with Lights are based on our proven incubator range, full of features to meet all seed germination and small culture growing applications. All our Incubators are manufactured and tested in house. Thermoline has six cabinets in the TRIL range, from the single door 120L, 200L, 396L and 495L, to the double door 750L and 1175L models. All supplied with diurnal day/night light and temperature control. Larger cabinets are also manufactured (see page I-7 and I-8 for more detailed information)

Economy Refrigerated Incubator with Lights Features:

- Control via a microprocessor digital controller
- Self contained air cooled refrigeration system offering quiet operation and ozone friendly gas
- Control temperature range +5°C to +45°C
- Easy to utilize analogue time clocks for switching between DAY and NIGHT cycles for Temperature and Lighting
- Visual indication of set point & internal temperatures
- Adjustable temperature RAMP rates enables natural day/night simulation
- Electronic switching of electric heating element against cooled evaporator with hot gas injection
- Accurate control ±0.2°C at set point with 0.1°C readability
- 13mm monitoring cable port hole
- Fan forced air circulation provides uniform conditions throughout
- Adjustable open wire PVC coated shelves

Safety Devices:

- ✓ Over temperature safety cut out (200 litre model)
- ✓ CFC free refrigeration
- ✓ Error codes for control malfunctions
- ✓ Over temperature safety cut out
- ✓ Over current protection

Available Options:

*Alarms with Audible & Visual indication & remote contact
Auto dialler on alarm action
Extra shelves*

CONTROL STABILITY: ±0.25°C

TRIL-120-1-VW: Lights On: +5°C to +40°C
 Lights Off: +5°C to +40°C

TRIL-200-1-SD: Lights On: +15°C to +40°C
 Lights Off: +10°C to +40°C

ORDER CODE	DIM. INT HxWxD cm	LITRES CAPACITY	DIM. EXT HxWxD cm	SHELVES	LIGHTING FLUORESCENT	ELECTRICAL 240V 50Hz	APPROX WEIGHT Kg
TRIL-120-1-VW	60x50x40	120	88.5x68x71	3	4x20W	5A	80
TRIL-200-1-SD	127x44x40	200	155x54x55	4	3x36W	5A	85

Premium Refrigerated Incubators with Diurnal Control (+5°C to +45°C with -5°C option)

AUSTRALIAN MADE

FEATURES



TRIL-396-1-SD

The Premium Refrigerated Incubators range includes four models all with diurnal day/night light and temperature control. These models are essential for any laboratory that requires stable and uniform temperature conditions for seed germination or for small plant growth environments. All four models feature controllable temperatures between +5°C and 45°C (-5°C to +45°C option with auto defrost).

- Premium custom air handling duct system providing uniform temperatures throughout
- Microprocessor controller displaying internal and set-point values of 0.1°C readability
- Built in error codes for control abnormalities
- Electronic control of electric heating elements refrigeration cooling and hot gas injection for premium temperature conditions
- Premium stability $\pm 0.2^\circ\text{C}$ temporal $\pm 1.75^\circ\text{C}$ or better spatial variation
- Standard temperature range +5°C to +45°C (optional -5°C with auto defrost)
- Fan forced air circulation
- Easy to use analogue time clocks for switching between day and night cycles for temperature and lighting
- Adjustable temperature RAMP rates enables natural day/night simulation
- Premium magnetic door seal gasket

- Premium toughened glass internal viewing doors (minimal loss of internal conditions on door opening)
- Stainless steel internal floor
- Premium high quality white aluminium for extra light reflection
- High light intensity $>90\mu\text{mols}$ at the centre of each shelf
- Adjustable open wire chrome plated shelving
- Fully insulated chamber with polystyrene securing energy efficiency
- Adjustable over temperature safety cut out
- Key door locks supplied
- 13mm Monitoring/Cable port entry
- Heated door mullions and fascias (no more sticky door openings)

Safety Devices:

- ✓ Controller error codes
- ✓ Auto over temperature safety (Failsafe)
- ✓ Over Current protection
- ✓ Key lockable doors
- ✓ Lockable castors

Options:

- Control range down to -5°C to +45°C
- Remote alarm contacts
- POWER GUARD back up power options
- Data logger's
- Additional shelves



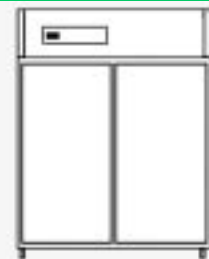
TRIL-396-1-SD



TRIL-495-1-SD



TRIL-750-2-SD



TRIL-1175-2-SD

ORDER CODE	DIM. INT HxWxD cm	LITRES CAPACITY	DIM. EXT HxWxD cm	SHELVES	ELECTRICAL 240V 50Hz	WATTS LIGHTING	APPROX WEIGHT Kg
TRIL-396-1-SD	126x55x54	396	192x66x75	4	5A	3x36	120
TRIL-495-1-SD	135x67x57	495	201x79x78	4	7A	4x36	130
TRIL-750-2-SD	129x99x50	750	199x111x73	4	15A	6x36	195
TRIL-1175-2-SD	135x143x55	1175	201x155x78	4	15A	8x36	240