



# Refrigerated Water Baths

*Designed and manufactured in Australia by  
Thermoline*

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Australian  
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# Refrigerated Water Baths

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The Thermoline Refrigerated Water Baths are designed to operate from ambient  $-5^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$  with alarms set at  $3^{\circ}\text{C}$  above and below the setpoint. The water is circulated throughout the bath using the TU3 heater circulator, creating a uniform temperature throughout the bath. Using the built in circulation pump the bath can control the temperature in other vessels.

- **Models available:**

Thermoline have two refrigerated water baths available, both designed and manufactured in Australia. Both use the Thermoline TU3 heater circulator in conjunction with a refrigeration unit to control the fluid temperature. The TWBRC-12 is supplied with a flat stainless steel and the TWBRC-24 a clear polycarbonate gable lid.



- **Digital Controller:**

The Omron E5CC uses an automated programmable microprocessor to control the temperature within  $\pm 0.1^{\circ}\text{C}$ . The bright LED display has a range of functions including high alarm, temperature calibration and optional programmable multi-setpoint functions.



- **Built-in Circulating Pump:**

In addition to the TU3 heater circulator the TWBRC range also have a built in highly efficient and long life circulating pump. The pump allows the water from the bath to be circulated outside of the bath to help control the temperature of another vessel such as a condenser.



- **Stainless Steel Tank:**

Stainless steel is durable, easy to clean and resistant to corrosion, making it the perfect choice for water containment. The tanks here are seamless and feature large radius corners for simple cleaning.

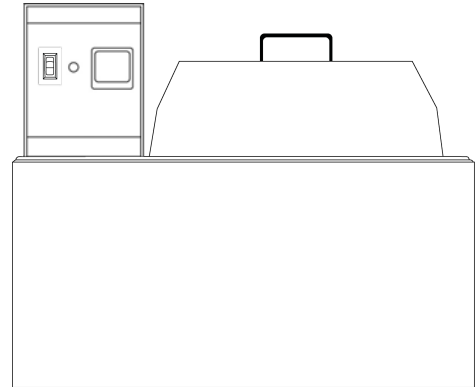
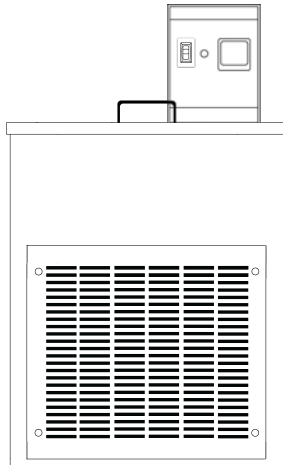
- **Drain Fitted on all models:**

Thermoline Water Baths come equipped with a drain for efficient cleaning and changing of the water in the bath.



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## Dimensions

### External

WxDxH (mm) Including heater circulator

TWBRC-12

440x350x630

TWBRC-24

560x550x440

### Internal

WxDxH (mm)

160x230x200

360x280x190

### Spacing

Front (mm)

TWBRC-12

100

TWBRC-24

Back (mm)

100

Sides (mm)

100



See our Heater Circulator Range. The TUC Range.

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## Technical Specifications

	TWBRC-12	TWBRC-24
Temperature Range	-5°C to +80°C (max temp with bath lid on)	-5°C to +80°C (max temp with bath lid on)
Temperature Stability	+/-0.2°C	+/-0.2°C
Heating Power	1000 watts	1000 watts
Electrical	7.5 Amps/ 230V	7.5 Amps/ 230V
Capacity	12L	24L
Refrigeration Capacity @ 5°C	300 watts (with lid on)	300 watts (with lid on)
Weight	35kgs	40kgs

## Features

Omron E5CC Controller	✓	✓
Whisper Quiet Operation	✓	✓
Incoloy Heating Element	✓	✓
Built in circulator pump	✓	✓
Included Lid	Stainless Steel Flat Lid	Polycarbonate Gable Lid

## Safety

Over Current Protection	✓	✓
Over Temperature Safety	✓	✓
Fibreglass Insulation	✓	✓

## Options

Programmable Controller	Omron-MSP	Omron-MSP
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# We are proudly Australian owned

We will continue to invest in Australian  
manufacturing.

