

# COOLED TEMPERATURE WATER BATH (-5°C to +85°C)

## **LABEC** Cooled Temperature Water Bath

is manufactured in Australia with high quality stainless steel for easy maintenance and excellent durability.

Using an internal element and submerged RTD sensor connected to a digital temperature control, the temperature can be controlled to 0.1°C.

The baths are supplied with a perforated tray which covers the element and allows even circulation of the contents of the bath. A pump circulates the water through the chamber for even cooling and excellent temperature uniformity.

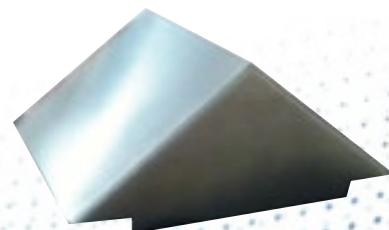
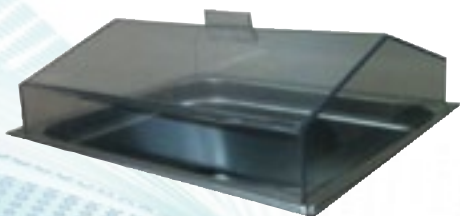
A digital display temperature controller controls the temperature within the range -5°C to +85°C, with the optional temperature range of -20°C to 100°C available. When optioned the controller can be connected via RS232/RS458 communication ports which can be connected directly to a data logger or computer to collect this information. Software is available for programming and monitoring.

To suit your the range of baths options include gabled or flat lids in stainless steel or clear polycarbonate. A manual reset over temperature cutoff, programmable temperature controller and on/off timer can also be fitted. Pump out feature for supplying conditioned fluids to external apparatus is also available.



### **OTHER STANDARD FEATURES INCLUDE:**

- RCD/ ELB (earth leakage breaker)
- Stainless Steel exterior and interior
- Stainless Steel flat lid included
- Excellent temperature uniformity



Serving the Scientific, Medical and Research industries since 1945

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## SPECIFICATIONS

# COOLED TEMPERATURE WATER BATH (-5°C to +85°C)

Model	LBC-4	LBC-6	LBC-8
Capacity (litres)	12	16	25
Int. Dim. (cm) L x W x D	30 x 23 x 17	32 x 30 x 17	50 x 30 x 17
Ext. Dim. (cm) L x W x D	76.5 x 60 x 35	76.5 x 60 x 35	76.5 x 60 x 35
Temp. Controller	Digital PID Controller		
Temp. Min	-5°C		
Temp. Max	+85°C		
Temp. Setting Accuracy	+/- 0.1°C		
Temp. Fluctuation	+/- 0.2°C		
Temp. Sensor	Pt 100 ohms		
Heating System	Electric Element		
Refrigeration	R134a CFC free		
Interior Material	Stainless Steel		
Exterior Material	Stainless Steel		
Options	Low temp option to -20°C, high temp option to 90°C, inlet/outlet pump 10 litres/minute to separate apparatus, larger custom units,		
Power (W)	1000	1500	2000
Weight (kg)	31	36	44

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