

Contherm Classic Series stirred Water Baths are designed to meet the need for cost-effective, versatile and high-performance units.



Culture Water Baths

The Classic Series of Culture Water Baths are economically priced general-purpose stirred baths which provide consistent temperature control over the range of ambient to 99.9°C. These units are suitable for a variety of applications where temperature uniformity and stability are important. Operation below ambient temperature is possible with the cooled S Models, however at operating temperatures below +5°C, a suitable anti-freeze must be used.

The tanks are constructed from non-corroding seamless welded 316 stainless steel with "high-low" water level check markings provided. Heavy gauge zinc-coated mild steel with durable epoxy powder coated exterior cases contain the high density polystyrene insulation. Two styles of lid are available: stainless steel lift off, and insulated hinged lid. The removable control unit bridges the left-hand end of the water bath and incorporates an integral heat shield and ducting system to enable cool operation at elevated temperatures. A circulating system provides a powerful stirring action to ensure temperature uniformity. Should a pump be required to supply conditioned water to other appliances, Option N is available. Contherm Culture Water Baths are fitted with a multi-flow system designed to promote an even horizontal flow and ensure good temperature uniformity when loaded.

MODEL 360	- Capacity 25 litres
MODEL 370	- Capacity 35 litres
MODEL 380	- Capacity 50 litres

Options available: Option LL -Lift-off lid; Option HL - Insulated hinged lid; Option S -Refrigerated. (Refrigerated 360 and 370 Models must have lift-off lid)

Convenient carrying handles are fitted, also exterior corner inserts to eliminate sharp corners. The adjustable work support tray is an integrated component of this system. All Contherm Culture Water Baths are supplied complete with Control Unit, fitted multi-flow work support and your choice of lid. These Culture Water Baths comply with EMC Standard EN61326-1:1997.



Model 370HL



Model 380LL



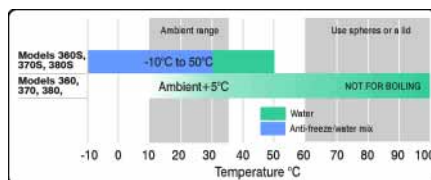
Model 360LL



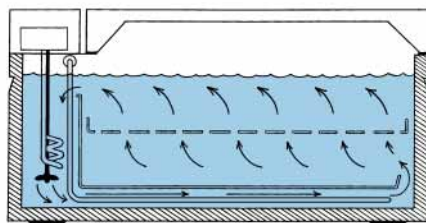
Model 380HL:S refrigerated variant.



Optional centrifugal pump (Option N).



Graph shows temperature ranges available.



Contherm Classic Series Culture Water Baths feature the multi-flow water system which ensures good temperature uniformity. The diagram also shows the cooling coils fitted to S Models.

Specifications

MODEL	360	370	380
Dimensions: External (mm) (L x W x D)	528 x 360 x 235 ("S" Models depth 566)	730 x 360 x 235 ("S" Models depth 566)	730 x 360 x 340 ("S" Models depth 671)
With lift-off lid (Height)	270	270	375
With hinged lid (Height)	320	320	425
Dimensions: Internal (mm) (L x W x D) (Tank only)	325 x 300 x 140	535 x 300 x 140	535 x 300 x 240
Capacity	25 litres	35 litres	50 litres
Raised Shelves supplied	1	1	1
Heatup time 25°C - 55°C (minutes)	100	120	150
25°C - 95°C	200	250	350
Net Weight ‡	20kg	25kg	30kg
Packed Weight ‡	28kg	33kg	38kg
Packed Dimensions: (L x W x D) ‡	575 x 460 x 390	775 x 460 x 490	775 x 460 x 490
Timer Range	0:01 - 99:59 + Continuous		
Temperature Range	Ambient +5°C to 100°C* (S Models -10°C to 50°C)		
Temporal Variation @ 37°C	±0.2°C		
Spatial Variation @ 37°C	±0.2°C		
Control System	ZP21 WB/LC microprocessor-based digital system		
Power Supply	Single Phase + N + E 220-250V - 50Hz		
Optional Features	Option LL-Lift Off Lid; Option HL-Insulated Hinged Lid; Option S-Refrigeration System; Option N-Water Pump.		

* Not to be used for boiling. ‡ Non-refrigerated models. Performance figures quoted at 37°C

More technical information is available from the Contherm Techspec Library. Refer to our website for current information.

The word 'Contherm' is the property of Contherm Scientific Ltd. Warranty covers components and labour for 1 year. Full warranty applies only with regard to published pricelist.

The information contained in this brochure is correct at time of printing but is subject to change without notice.

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