



RC4

Recirculating Bath

This refrigerated waterbath will hold approximately 12 litres of water and can cool to -10°C. with the use of suitable additives. When used with the Ratek TH5 Thermoregulator, temperature control from 0°C to 99.9°C with a stability of $\pm 0.05^\circ\text{C}$ is possible, (The TH5 can be factory set with a minimum of -20° if required) . The built in heavy duty recirculating pump has a glandless magnetic head that reduces the possibility of leaking and contamination.



[Details / Specifications](#)

General

Test procedures can be undertaken within the waterbath, whilst the pump can provide closed loop circulation at the rate of 11 litres per minute. The RC4 offers a reliable and preferable alternative to the use of mains water for cooling Heat Exchangers, Electrophoresis Baths, Stills, Waterbaths etc. Polished grade 304 stainless steel is used for the tank, and surround, and the main case is constructed from a corrosion resistant heavy duty pvc acrylic plastic. Only environmentally friendly R134a refrigerant is used in Ratek coolers.

Details

Ratek Product Code	RC4
Description	Recirculating Cooler
Packaging Contents	RC4 instruction sheet

Specifications

Power requirements	240 VAC/690 Watts
Capacity	Internal dimensions l275 x w200 x d200 (12 litres including heat exchanger)
Temperature range	-10° to ambient (using suitable additives)
Compressor	¼ hp air cooled hermetic condensing unit
Refrigerant	134a
Cooling capacity in watts	Average approx. 600watts between 30°C and 5°C
Pump capacity	11 litres per minute at zero head
Overall dimensions	L480 x W340 x D510
Weight	27kg

Features

- 12 litre capacity
- Cools to -10°C (with suitable additives)
- Glandless magnetic pump head
- Use with TH5 for accurate temperature control

Warranty period

1 Year

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