

OPERATING INSTRUCTIONS

The cooler is designed to run continuously, with the temperature of the media being maintained by a thermoregulator.

For temperatures below 0 °C a solution of Ethylene Glycol 50% / Water 50% is recommended to prevent excessive ice build up on the coil.

Efficient circulation of the media within the bath is required for good temperature stability, a build up of ice will reduce the efficiency of the cooler.

Instructions for use

- ⇒ Set the unit on a flat and level surface, with allowance for unobstructed airflow through the cabinet.
- ⇒ Connect the power lead to a properly grounded 3 pin outlet.
- ⇒ Place the dip coil into the media to be cooled.
- ⇒ Set the temperature controller to the required temperature.
- ⇒ Press the power switch to on.

Caution

The RC1 is not designed to provide rapid cooling from high temperatures.

The coil must not be placed into media at temperatures above 30 °C. Failure to observe this precaution could cause permanent damage to the compressor, this would not be covered by the warranty.

It is recommended that the cooler is run for at least 1 hour every 2 months with the coil immersed in water.

SPECIFICATIONS

Power requirements:	240v AC 580 watt.
Cooling capacity:	Approximately 600 watts between 30° and 5°C
Compressor:	1/4 HP air cooled hermetic condensing unit
Refrigerant:	R134A
Flexible line:	1 Metre Stainless steel with nickel plated copper coil

Service

Should the unit fail to operate correctly, any service work should be carried out by a qualified technician.

Unauthorised tampering will invalidate the manufacturer's guarantee

Maintenance

Regular cleaning is the only maintenance required.

PRODUCT WARRANTY

Ratek equipment is covered by a 12 month parts and labour warranty effective from the date of purchase.

This warranty covers the repair or replacement of any parts or components found to be defective, subject to the service options listed below.

This warranty excludes any defect resulting from misuse, neglect, accidental damage, improper voltage, or any alteration which affects the performance of the equipment.

- Does not extend to any costs associated with the delivery, damage, or loss incurred during transport.
- Is in addition to any Statutory regulations and provisions implied by the Trade Practices Act and any relevant State or Federal Government obligations.

For warranty service the following options are available:

- Contact the supplier from where the equipment was purchased to arrange for service.
- Return the equipment direct to Ratek Instruments, 60 Wadhurst Drive, Boronia, Vic 3155.

Warranty repairs not returned to Ratek can be undertaken by authorised service personnel but are limited to a parts only warranty.

Note: Proof of purchase is required for all warranty repairs.



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FOR

RC1 IMMERSION COOLER



FOR ADDITIONAL INFORMATION / TECHNICAL SUPPORT

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