

OPERATING INSTRUCTIONS

The cooler is designed to run continuously, with the temperature of the media being maintained by a temperature controller. The Ratek TH5 Thermoregulator is ideal for this purpose.

Instructions for use

- ⇒ Position the cooler with the inlet below the outlet of the bath, ensure there is unobstructed airflow through the cabinet.
- ⇒ Connect a hose between the bath outlet and the cooler inlet.
- ⇒ Put enough water in the bath to allow the hose to fill and the cooler pump to prime.
- ⇒ Connect the outlet hose to the bath return.
- ⇒ Connect the power lead to a properly grounded 3 pin outlet.
- ⇒ Press the power switch to on.

Caution

The RC2 is not designed to provide rapid cooling from high temperatures.

To avoid damage to the cooling system components, refrigeration will stop if the water temperature falls below 4° or above 30°.

Avoid using contaminated water or water containing Harsh chemical cleaners.

Daily replacement of the water will prevent the build up of scale and corrosive sediment.

Use of Chlorine must be avoided to prevent damage to copper components used in the heat exchanger.

SPECIFICATIONS

Power requirements:	240v AC 580 watt.
Temperature range:	4° to 30° C
Pump capacity:	4 litres/ minute
Pump type:	Glandless magnetic head type.
Cooling capacity:	Approximately 500 watts between 30° and 5°C
Compressor:	1/4 HP air cooled hermetic condensing unit
Refrigerant:	R134A
Heat exchanger:	1 Litre Capacity.
Inlet/Outlet fittings:	13mm Nickel plated hose tails

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.

It is recommended that the cooler is connected and run for at least 1 hour every 2 months.

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.



OPERATING INSTRUCTIONS FOR RC2 FLOW THROUGH COOLER



FOR ADDITIONAL INFORMATION / TECHNICAL SUPPORT
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