



- 580 Watts Cooling Capacity
- 7 L/min Pump Flow Rate
- Quiet Operation
- Accessible Cold Reservoir Tank
- -10°C to +30°C Operating Range
- Extremely Reliable

Circulate Externally

For applications requiring external re-circulation of cold water, the RC4 delivers a pressurised refrigerated water supply through either an open or closed loop system. The RC4 is ideal for cooling condenser systems, water jacketed devices, electrophoresis baths and heat exchangers, including those found in Ratek OM15C and OM25 incubator shakers. It’s quiet operation makes it ideal for use in the laboratory, but it is equally suited to industrial cooling applications.



SPECIFICATIONS

RC4	
Cooling capacity	Average 580 Watts between 30°C and 5°C
Reservoir dimensions	L275 x W200 x D200mm
Filling capacity	12 litres including heat exchanger
Refrigerant type	R134a
Pump flow rate	7 litres per minute at zero head, max pressure 3.2 psi
Condenser	¼ hp air cooled hermetic condensing unit
Operating range	-10°C to +30°C (using suitable additives)
Thermostat	Adjustable low-temp safety cut-off (factory default is +4°C). For temperature control, the TH8000 is required.
Power input	240VAC/690W
Overall dimensions	L480 x W340 x D510mm
Nett weight	27 kg

When used in a closed loop environment such as that found in a condenser system, the return water feed comes back directly under the pump’s pressure. It is also possible to use the RC4 in an open-loop system such as an open water bath or container, where the return feed is not directly connected to the outlet. In this case the pump’s suction then pulls the water back around the circuit making the RC4 ideal for refrigerating existing water-bath systems.

The RC4 includes an accessible 12 litre reservoir with lid that can accommodate a Ratek immersion heater circulator to provide a precision temperature controlled water supply which can be maintained between -10°C and +30°C (4°C to 30°C factory default). The TH8000 is ideal for this application.

The accessible reservoir can also be used directly as a small refrigerated bath with vessels placed directly into the tank, making the RC4 a very versatile and cost effective unit that can be used for a variety of applications around the lab.

Built to last with both ultra-reliable and quiet performance, the RC4 is made and supported in Australia and backed by Ratek’s unparalleled warranty and after sales service.

RELATED PRODUCTS

Product Code	Description
TH8000	Precision immersion heater for accurate temperature controlled water supply.

YOU MAY ALSO LIKE

RC1 - Immersion Cooler

The RC1 is a re-locatable immersion cooling coil that delivers up to 580 Watts of fixed cooling to virtually any bath or vessel.



AUSTRALIAN  
MADE & SUPPORTED

3 YEAR  
PARTS WARRANTY

Certified System  
Quality  
ISO 9001  
SAI GLOBAL