



- 580 Watts Cooling Capacity
- Cool Any Bath or Vessel
- Quiet Operation
- 1 Metre Long Moveable Arm
- Wide Operating Temperature Range
- Extremely Versatile

Add Cooling to Any Bath

It makes sense to utilise equipment for more than one job where possible, which is why the RC1 dip-coil cooler can be moved from bath to bath as required to deliver on-demand cooling. The dip-coil can be dropped in and secured to any waterbath or container to provide a cooling load that can work in conjunction with a temperature controlled bath or thermoregulator for precise water temperatures below ambient.



SPECIFICATIONS

RC1	
Cooling capacity	Average 580 Watts between 30°C and 5°C
Cooling unit dimensions	L460 x W320 x D340mm
Cooling arm length	1 Metre
Refrigerant type	R134a
Coil construction	304 grade stainless steel
Condenser	¼ hp air cooled hermetic condensing unit
Operating range	-10°C to +30°C (using suitable additives)
Coil dimensions	L170mm x W72mm
Power input	240VAC/690W
Nett weight	25 kg

With 580 Watts of cooling power the RC1 can be used in both large and small tanks, and can cool 8 litres of water at up to approximately 1°C per minute. When used with an insulated tank, the RC1 makes an ideal replacement for ice baths.

All Ratek heated waterbaths, custom tanks and IT2400 insulated tanks can be made to size to neatly accommodate the dip-coil without losing usable working area in the bath. This makes the RC1 ideal for applications such as cold stability testing where it is important to maximise the number of containers that can be processed at one time.

By combining the RC1 with an immersion circulator and re-circulation tank, it is possible to achieve precise temperature controlled water re-circulation, ideal for cooling condensers, heating mantles and other water jacketed devices. The same system can then be used for other heating and cooling applications without the need for additional equipment, making it a versatile setup for every lab. The TH8000 immersion circulator and IT2400 bath with IT2400BP externally ported bridge is ideal for this application.

YOU MAY ALSO LIKE

RC4 - Re-circulating Cooler

The RC4 is a re-circulating/flow-through cooler that can be used to cool condensers, heating mantles and other closed loop systems.



RELATED PRODUCTS

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