

thermoregulator



TH1 Thermoregulator

The Ratek TH1 is designed as a general purpose regulator to provide temperature control of water within a tank or reservoir, and operate continuously for long periods of time. A clamp bracket will enable the regulator to be attached to a variety of tanks and containers. Agitation is provided within the waterbath by a heavy duty shaded pole motor driving a twin blade paddle. Safety features include a thermal fuse that will remove heating if the water level falls too low.



[Details / Specifications](#)

General

Temperature setting is by an analogue control on the front panel. All exposed metal components are manufactured from high grade stainless steel, and the case powder coated. Suitable insulated stainless steel tanks and polycarbonate waterbaths can be manufactured to order.

Details

Ratek Product Code	TH1
Description	Thermoregulator
Packaging Contents	TH1 Thermoregulator, instruction guide

Specifications

Power requirements	240vac/1020 watts
Control type	Solid state proportional
Control range	Temperature range ambient + 5°C to 75°C, min 28°C
Control stability	±0.2°C
Heat up time	30°C to 75°C (stabilised) in 40 minutes (insulated tank with 8 litres of water at room temperature of 17°C)
Agitation	Twin bladed paddle
Safety features	Low level cut out (thermal fuse)
Minimum tank depth	180mm
Overall dimensions	H295 x D180 x W145
Weight	3.4 kg

Features

- Solid state proportional control
- Twin bladed paddle agitator
- Clamp bracket for universal tank mounting
- Stainless steel outer construction
- Thermal fuse safety cutout

Warranty period

1 Year

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