

thermoregulator



TH3 Thermoregulator

The Ratek TH3 is designed to provide accurate temperature control of water within a tank or reservoir, and operate continuously for long periods of time. A heavy duty clamp and pump shield enable a variety of tanks and containers to be used. This regulator is available with pump (TH3P) or circulating paddle (TH3C). The pump version has a large capacity pump for vigorous stirring within the waterbath, and can also be used to pump externally. The paddle version is suited to stirring within smaller tanks.



[Details / Specifications](#)

General

Safety features include a thermal fuse that will remove heating if the water level falls too low. Temperature setting is by an analogue control on the front panel, with a fine adjust on the rear. A pre set 37°C incubation setting can be selected and will override the main control. 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	TH3
Description	Thermoregulator
Packaging Contents	TH3 Thermoregulator, instruction guide

Specifications

Power requirements	240vac/1020 watts
Control type	Solid state proportional
Control range	Ambient + 5°C to 100°C, min 28°C
Control stability	±0.1°C
Heat up time	30°C to 100°C (stabilised) in 45 minutes (insulated tank with 8 litres of water at room temperature of 17°C)
Pump capacity	10.5 litres/min. at zero head
Safety features	Low level cut out (thermal fuse)
Minimum tank depth	180mm
Overall dimensions	H300 x D190 x W125
Weight	3.4 kg

Features

- Solid state proportional control
- Preset 37°C incubation setting
- Clamp bracket for universal tank mounting
- Stainless steel outer construction
- Thermal fuse safety cutout

Warranty period

1 Year

Download this page in PDF
[ratek-th3.pdf](#)