



Thermostat-Heating/Cooling



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Heating – Cooling Thermostats from Aditya Scientific, the RTH series are designed for efficient controlling of temperatures in your application (e.g., Jacketed Glass Reactor) in the range of -20°C to $+180^{\circ}\text{C}$. Available in three models from bath vol. 4.5 L to 25 L. The temperature range from -20°C to 180°C covers the larger part of all basic thermostatic applications within the laboratory.

The RTH Advantages

- Large LED display with intuitive navigation
- Cost effective operation
- Heating capacity of 2000 w
- Minimum energy consumption
- Extended maintenance intervals
- Automatic compressor control supplies strong cooling output only when needed –up to 2500 w

A typical application of Heating-Cooling Thermostat is controlling the temperature in the jacket and mass temperature in a Jacketed Reactor..



PRODUCT DATASHEET





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Specifications

TECHNICAL DATA	RTH 05025	RTH 08025	RTH 25025
Working temperature range* °C	-15 to 180	-20 to 180	-10 to 180
Temperature stability ±°C	0.1	0.1	0.1
Cooling capacity at 0 °C watts	500	900	2500
Pump pressure max. bar	0.7	0.7	0.7
Pump flow max. L/min	12	12	12
Heating Capacity watts	2000	2000	2000
Bath Capacity L	4.5	12	25
Supply	230V AC / 50 Hz	230V AC / 50 Hz	230V AC / 50 Hz