

REFRIGERATED CIRCULATOR AND CHILLER TT-RHCH6-20



The Refrigerated Circulator and Chiller TT-RHCH6-20 finds extensive application in scientific fields such as oil, physical sciences, chemistry, pharmaceuticals, environmental studies, and more, offering precise temperature control capabilities.

APPLICATIONS

Refrigerated Circulator and Chiller TT-RHCH6-20 applications include experiments requiring heating and cooling, fermentation tanks, polarimeters, refractometers, spectrophotometers, electrophoresis systems, chromatographic columns, viscometers, rotary evaporation instruments, and rheometers.

- **Chemical & Physical Sciences:** Precise heating and cooling for experiments in material characterization and solution studies.
- **Pharmaceutical & Biotechnology:** Stable temperature control for fermentation tanks, chromatography columns, and rheometers.
- **Analytical Instruments:** Accurate thermal support for polarimeters, refractometers, spectrophotometers, viscometers, and electrophoresis systems.
- **Industrial & Research Labs:** Reliable circulation for rotary evaporators, reaction vessels, and general R&D heating or cooling needs.
- **Environmental Studies:** Thermal regulation in laboratories for water analysis, soil testing, and eco-research applications.

FEATURES

- Convenience features: Memory function for parameters and temperature correction.
- ECO-friendly refrigerant R134a paired with a high-quality compressor ensures both environmental friendliness and powerful cooling.
- Designed for Low Noise: Utilizes a high-quality compressor and a silent pump for reduced noise levels.

- Durable water tank: Built to withstand tough conditions, resistant to corrosion and ultra-sludging.
- Clear and bright LCD temperature display.
- Compact design with a removable venting grid for easy cleaning, ensuring optimal cooling performance and efficient water drainage.

TECHNICAL SPECIFICATIONS

Model	TT-RHCL6-05	TT-RHCH6-05	TT-RHCL6-20	TT-RHCH6-20
Working temperature range	-5 °C ~ 100 °C	-5 °C ~ 200 °C	-20 °C ~ 100 °C	-20 °C ~ 200 °C
Temperature control	Fuzzy PID	●	●	●
Temperature stability	±0.03 °C	●	●	●
Temperature sensor	PT100	●	●	●
Display resolution	0.1 °C	●	●	●
Heater capacity	2000 W	●	●	●
Cooling capacity	250W	●	●	●
Refrigerant	R134a	●	●	●
Pump capacity Pressure	0.35 bar	●	●	●
Pump Flow rate	10L/min	●	●	●
Ambient temperature	-20 ~ 70 °C	●	●	●
Output	RS232/RS485(optional)	●	●	●
volume	6L	●	●	●
Bath opening L x W	6.3 inches x 6.3 inches.	●	●	●

Bath dimensions L x W x H	12.6 inches x 7.09 inches x 5.91 inches.	●	●	●
Dimensions L x W x H	15.75 inches x 9.84 inches x 25.59 inches.	●	●	●
Power supply	220VAC±10% 50Hz (110V is also available. Please specify when ordering)	●	●	●
Weight	55.12 lbs.	●	●	●



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