

REFRIGERATED CIRCULATOR AND CHILLER TT-RHCH6-05



Refrigerated Circulator and Chiller TT-RHCH6-05 is versatile and finds applications in oil, physical, chemical, pharmaceutical, environmental protection, and various scientific fields requiring precise temperature control equipment.

APPLICATIONS

- **Chemical & Physical Sciences:** Stable heating and cooling for material testing, solution studies, and analytical experiments.
- **Pharmaceutical & Biotechnology:** Precise temperature control for fermentation tanks, chromatography systems, and rheometers.
- **Analytical Instruments:** Supports polarimeters, refractometers, spectrophotometers, viscometers, and electrophoresis systems with accurate thermal management.
- **Research & Industrial Labs:** Reliable thermal regulation for rotary evaporators, reaction vessels, and multi-purpose laboratory workflows.
- **Environmental Studies:** Controlled temperature support for soil testing, water analysis, and environmental research applications.

FEATURES

- Convenient features: Parameter memory function and temperature correction.
- The cooling system is made eco-friendly and powerful with an ECO-refrigerant R134a and a high-quality compressor.
- Designed for low noise: Uses a high-quality compressor and a silent pump.
- Sturdy water tank: Resistant to ultra-sludging and rust, ensuring durability.
- Clear and bright LCD temperature display.
- Compact design with a removable venting grid for easy cleaning, maintaining 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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