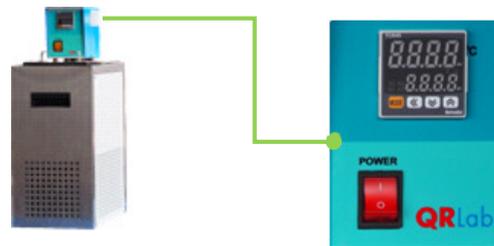




RB-0



RB-1 / RB-2 / RB-3 / RB-4



RB-06

Applications

- Ideal for applications when temperature uniformity and consistency are critical, such as enzymatic and serologic experiments. Water is thoroughly circulated throughout the bath resulting in a more uniform temperature.
- Provide both cooling and heating function suitable for temperature application to external systems with simultaneous operation inside the bath tank such as photometers, refractometers, viscometers, etc.

Features

- Microprocessor PID controller: Provides high accuracy temperature setting and operations
- Digital LED Display: Accuracy up to $\pm 0.1^{\circ}\text{C}$
- Back-up memory system protects the preset temperature value during power failure
- Automatic diagnostic system identified and automatically adjust if controller error occurred
- Internal Offset function available for calibration purpose
- Interior bath parts constructed from stainless steel
- Circulators are designed and constructed for continuous operation
- Stirring motor ensure the temperature uniformity
- Compressor with overload protection function
- Inlet and outlet nozzles for external circulation of liquid
- Built-in Circuit breaker
- Supplied with 2 meter power cord and grounded plug

Specification

Model	RB-0	RB-1	RB-2	RB-3	RB-4	RB-06
Interior bath construct.	Interior SUS 304 stainless steel					
Exterior bath construct.	Powder coated mild steel					
Controller	PID controller					
Temp. working range	-20°C to 100°C				0°C to 100°C	-15°C to 100°C
Temperature accuracy	$\pm 0.1^{\circ}\text{C}$					
Temp. setting & display	Digital setting and display to 0.1°C					
Temperature sensor	PT-100					
Heater	960 Watts		1500 Watts		2000 Watts	960 Watts
Safety devices	ELCB circuit breaker for heater and refrigerator, built-in protection for compressor					
Compressor capacity	1/5 hp	1/5 hp	¼ hp	½ hp	¾ hp	1/10 hp
Refrigerant	CFC-Free, R-134A					
Circulation module	Built in Circulating pump / external circulation by liquid transfer pump					
Flow Rate	8 liters/min / 8mm diameter (Inlet & Outlet)					
Bath capacity	7 liters	7 liters	16 liters	33 liters	50 liters	6 liters
Bath dimensions (mm)	160W x 290D x 150H	160W x 290D x 150H	273W x 400D x 155H	320W x 500D x 200H	450W x 325D x 335H	140W x 303D x 150H
Lid opening area (mm)	140W x 150D	150W x 100D	200W x 200D	300W x 300D	345W x 320D	140W x 103D
Overall dimensions (mm)	570W x 490D x 440H	365W x 500D x 660H	415W x 620D x 745H	420W x 680D x 745H	780W x 430D x 1020	228W x 408D x 610H
Power supply	240VAC, 50Hz					
Rated Amp	5.7A	5.9A	9.4A	9.8A	12.3A	4.2A
Weight	42 kg	38 kg	55 kg	56 kg	78 kg	28 kg