

Ultra Low -60°C Series Cooling Bath Circulator



Feature

Microprocessor PID Controller

provides $\pm 0.5^{\circ}\text{C}$ uniformity, $\pm 0.1^{\circ}\text{C}$ set accuracy, temperature range from -60°C to 90°C , Touch-sensitive membrane type control panel with timer, alarm, auto-tuning

High Quality Stainless Steel

corrosion resistant (SUS304) bath and insulation and easy to maintenance with movable casters

Over Temperature Protection

and over cooling, over current protection capability ensure user safety and protect cooler from damage

Powerful Circulation Pump

with 25ℓ/min and 4.3 meters maximum height enhance temperature uniformity of the bath, circulation both inside and out side of the bath

- ❑ Ultra Low Temperature up to -60°C
- ❑ Precise PID Temperature Control from -60°C to 90°C
- ❑ Built-in safety Feature and Easy-to-Use
- ❑ Cascade Refrigeration System
- ❑ CFC Free Refrigerant

The **Labtech Ultra Low Cooling Bath Circulator** is a very durable and reliable system with an extremely low noise level (around 50dBA).

This low noise level is created by a very efficient and effective use of the cascade compressor system with **non CFC refrigerants**

NON-CFC/HCFC



MODEL		LCC-R212U	LCC-R220U	LCC-R230U
Dimensions (W x D x H mm)	Bath	260 x 320 x 150	260 x 400 x 200	340 x 450 x 200
	Top	260 x 150	260 x 230	340 x 230
	Overall	470 x 720 x 1000	470 x 720 x 1000	470 x 720 x 1100
Capacity		12ℓ	20ℓ	30ℓ
Temperature	Range	-60°C to 90°C		
	Set Accuracy	$\pm 0.1^{\circ}\text{C}$		
	Uniformity	$\pm 0.5^{\circ}\text{C}$		
Heater		1kW	1.5kW	2kW
Refrigerant		1 / 2HP - 3 / 4HP	3 / 4HP - 3 / 4HP	3 / 4HP - 1HP
Controller		Digital PID Controller		
Display		LED 4 Digit Display		
Pump		Magnetic Pump, Max. Flow 25ℓ/min Max. Height 2.6 meters		
Material	Interior	Stainless Steel		
	Exterior	Powder Coated Steel		
Safety		Over Temp. Cut-Off, Over Current and Leakage Breaker		
Electric Supply		110V 60Hz or 220V 50/60Hz		



Custom made order is available
Specifications can be changed without prior notice for quality improvement.