

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-tunning

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 $25\ell/\text{min}$ 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



NATURAL REFRIGERANT

MODEL	LCC-R212U	LCC-R220U	LCC-R230U		
Dimensions (W x D x H mm)	Bath Top Overall	260 x 320 x 150	260 x 400 x 200	340 x 450 x 200	
Capacity		260 x 150	260 x 230	340 x 230	
Temperature		470 x 720 x 1000	470 x 720 x 1000	470 x 720 x 1100	
Heater	12ℓ	20ℓ	30ℓ		
Temperature	Range Set Accuracy Uniformity	-60°C to 90°C			
Refrigerant		$\pm 0.1^\circ\text{C}$			
Controller		$\pm 0.5^\circ\text{C}$			
Display	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 $25\ell/\text{min}$ 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.