Cooling Bath Circulator



- *Economic Model for small heat load application*
- *Precise PID Temperature Control from -30℃ to 90℃*
- *Built-in safety Feature and Easy-to-Use*
- *Stainless Steel Bath (SUS304)*
- *CFC Free Refrigerant*
- *Powerful Circulation Pump*

Feature

Multi-Purpose for Application

Universal Chiller for various application from 10 liters to 60 liters circulation capacity

Utility Devices

Various inlet and outlet liquid flow devices can be assembled by user demands

Microprocessor PID Controller

provides ±0.5℃ uniformity, ±0.1℃ set accuracy, temperaturerange from −30℃ to 90℃, 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 and Low Temperature Protection

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

Powerful Circulation Pump

with 7ℓ/ min and 4.3 meters maximum height enhance temperature uniformity of the bath, circulation both inside and out side of the bath

MODEL		LCP-R210	LCP-R220	LCP-R230	LCP-R240	LCP-R260
Controller		Programmable controller (Optional RS-232C PC Interface)				
MODEL		**LCC-R110**	**LCC-R120**	**LCC-R130**	**LCC-R140**	**LCC-R160**
Dimensions	Bath	240 x 200 x 200	300 x 250 x 250	330 x 340 x 250	390 x 390 x 280	390 x 390 x 400
(W x D x H mm)	Top	190 x 170	250 x 190	270 x 270	340 x 340	340 x 340
	Overall	360 x 490 x 680	410 x 500 x 800	500 x 600 x 800	500 x 670 x 885	500 x 665 x 1020
Capacity		10ℓ	19ℓ	28ℓ	42ℓ	60ℓ
Temperature	Range	-30℃ to 90℃				
	Set Accuracy	±0.1℃				
	Uniformity	±0.5℃				
Heater		700W	1kW	1.5kW	2kW	3kW
Refrigerant		1 / 4HP	1 / 2HP	3 / 4HP	1HP	1.5HP
Controller		Digital PID Controller				
Display		LED 4 Digit Display				
Pump		Magnetic Pump, Max. Flow 7ℓ /min Max. Height 1.5 meters		Magnetic Pump, Max. Flow 20ℓ /min Max. Height 2.0 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.