



## **RECIRCULATING CHILLER LD-LRC-A11**

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Recirculating Chiller LD-LRC-A11 is a low temperature chiller offers 5 L of capacity, -20°C to room temperature control range. Equipped with R22 refrigerant, LED display, keypad setting and protection safety features such as leakage, overload circuit breaker, overload relay circuit, refrigerator protection timer, circulating pump thermal protector, refrigerator high-pressure pressure switch, with temperature control self-diagnosis function, compatible with rotary evaporator device. Designed with 201 stainless steel, special fully closed leak-proof pump and PT100 sensor ensures stability and reliable quality and can be used as freezing bath separately or to provide cooling liquid to other devices by external circulating system.

## Features

- Uses compressor for refrigeration and conveys cold bath fluid to other devices by the pump
- Keypad setting and LED display for easy read and control
- Designed with 201 stainless steel, special fully closed leak-proof pump
- PT100 sensor with temperature control self-diagnosis function
- Compatible with rotary evaporator device
- Protection safety features: leakage, overload circuit breaker, overload relay circuit, refrigerator protection timer, circulating pump thermal protector, refrigerator high-pressure pressure switch, temperature control self-diagnosis function
- R22 refrigerant with 1248 to 319 W of refrigerating capacity
- Can be used as freezing bath separately or to provide cooling liquid to other devices by external circulating system

## Applications

Recirculating chiller is used across chemical, biological, physical laboratory, medicine and health care, chemical industry, food industry, metallurgical industry, universities and colleges, scientific research, genetic engineering, polymer engineering laboratory etc.

## Specifications

Model No.	LD-LRC-A11
Type	Low temperature chiller
Capacity	5 L
Temperature control range	-20°C to room temperature

Ambient temperature	5°C to 25°C
Unload minimum temperature	-20°C
Temperature control accuracy	±0.5°C
Display temperature accuracy	1°C
Matching reaction kettle (steam)	1 to 5 L
Circulating pump	Fully closed and no-leaked special pump
Pump lift	4 to 6 min
Circulating pump flow	20 L/min
Pressure	2 MPa
Ambient relative humidity	60% to 80% (ventilation)
Display	LED
Sensor	PT100
Refrigerant	R22
Protection safety features	Leakage, overload circuit breaker, Overload relay circuit, Refrigerator protection timer, Circulating pump thermal protector, Refrigerator high-pressure pressure switch, Temperature control self-diagnosis function
Compatible device	Rotary evaporator
Tank material	201 stainless steel
Coil diameter	Ø 200 mm
Opening size	Ø 195 mm
Refrigerating capacity	1248 to 319 W
Circulating Pump power	100 W
Power supply	220 V ±10%, 50 Hz/60 Hz
Tank dimensions	Ø220×180 mm
External dimensions (W×D×H)	610×500×910 mm
Package dimensions (W×D×H)	650×450×870 mm
Gross weight	62 kg

## **Standard Accessories**

- In and out joint ×1
- Vertical rod ×1
- Thermal insulation pipe ×2