

## **Recirculating Chiller LD-LRC-A10**

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# Recirculating Chiller LD-LRC-A10

## Overview

Recirculating Chiller LD-LRC-A10 is high performance circulating water pump with 0 to 1.5 bar pump capacity pressure. Its temperature ranges from 5°C to 40°C and offers PT100 temperature sensor. Designed with TECUMSEH compressor in order to ensure cooling efficiency and reduce noise with PID temperature controlling technology. Equipped with Over-temperature protection, auto-alarm function and Color LCD screen display for more running data and dynamic identifier.

## Features:

- Designed with TECUMSEH compressor in order to ensure cooling efficiency and reduce noise
- Adopts PID temperature controlling technology
- EEV technology improve the stability and start-stop type cooling method
- Equipped with Over-temperature protection and auto-alarm function
- Refrigeration control system to avoid damage temperature medium caused by abnormal liquid temperature value
- Designed with moveable castor and pressure gauge displayed
- Water level observation window and automatic water level detection device, automatic alarm when low liquid level
- Water current detection device and external cycle closed or blocked
- Automatically switched internal cycle
- High performance circulating water pump
- Long time continuous running and good sealing avoid leakage
- The pressure of pump is 0 to 1.5 bar and adjustable by rotary knob
- Color LCD screen display more running data and dynamic identifier

## Applications:

Recirculating Chiller is used in Kjeldahl apparatus, Soxhlet extractor, Crude Fiber Analyzer, AAS, ICP-MS, Electrophoresis System, Rheometer, Automatic Synthesizer, Fermentation Apparatus, Rotary Evaporator, Extraction and Condensation Device, SPE Apparatus.

## Specifications:

<b>Refrigerant</b>	R134a
<b>Gross weight</b>	74 kg
<b>Power supply</b>	AC 220 V $\pm$ 10 %, 50 Hz
<b>Filling volume</b>	8 L
<b>Pump flow rate</b>	20 L/min
<b>Temperature range</b>	5°C to 40°C
<b>Display resolution</b>	0.1°C
<b>External dimension</b>	550 × 400 × 650 mm

<b>Temperature sensor</b>	PT100
<b>Cooling consumption</b>	1.2 kW
<b>Packaging dimension</b>	750 × 580 × 910 mm
<b>Temperature control</b>	PID
<b>Temperature stability</b>	± 0.3°C
<b>Pump capacity pressure</b>	0 to 1.5 bar