

Recirculating Chiller LD-LRC-A10

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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:

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

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