

LIAT LRS Series Standard Thermo-Chiller

LRS-018/030/090/012/050

Single-phase 220V
plug and play

Versatility

Small flow rate, high
precision

Precision

Laboratory & Compact
Solutions

Value



Precision Small Flow

Flow 15~40 LPM, cooling 2~10KW@20°C, specifically tailored for R&D testing, analytical instruments, small chambers



Industrial Accuracy

Compact yet delivers $\pm 0.1^{\circ}\text{C}$ steady-state accuracy matching full-size mainframe chillers, ensuring experimental data reliability



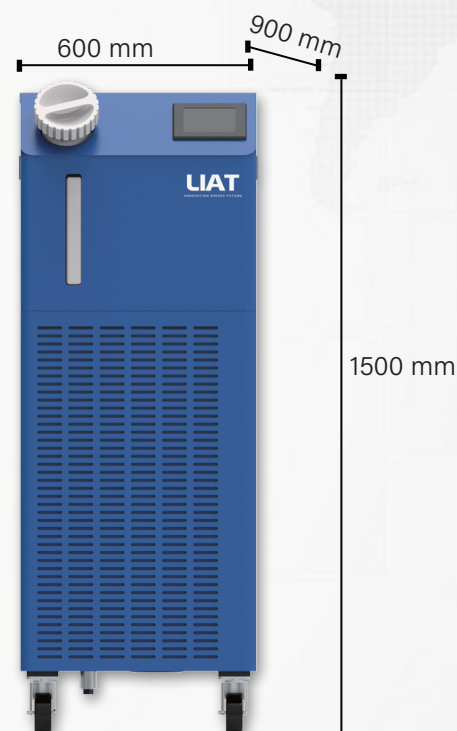
Full Protection

Standard with motor overload, over-temp, leakage, over/under pressure, low fluid, leakage, exhaust overheat, over a dozen protections



Compact Benchtop

Minimum footprint 380×500×655mm, fits on lab work-benches or inside equipment, no dedicated racks or floor space required

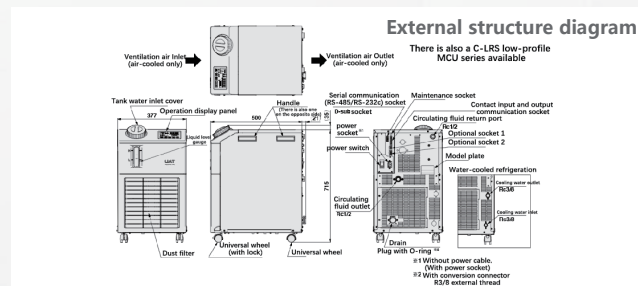


LRS-090-A-32

SEMI Standard
S2, S8



TÜVRheinland
Precisely Right.



www.liatem.com

www.liatem.com info@liatem.com +86 021-67815933

Building 1, Wujiang Comprehensive Bonded Zone, No. 688 Pangjin Road, Wujiang District, Suzhou, Jiangsu Province, China

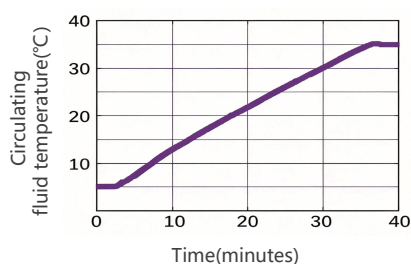


LIAT LRS Series

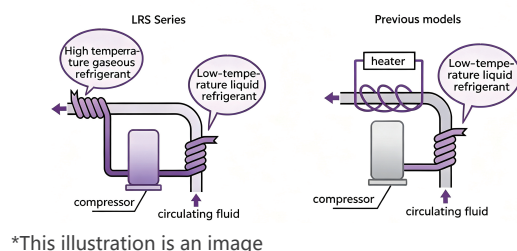
Standard Thermo-Chiller

Model	LRS-018	LRS-030	LRS-050	LRS-090
Refrigeration capacity(W)@20°C	3KW@20°C	3.5KW@20°C	5 KW@20°C	10KW@20°C
Power	1150W	4300W	3000W	6900W
Power Supply	1Ph,220V,50 Hz	1Ph,220V,50 Hz	1Ph,220V,50 Hz	3Ph,220 V,50 Hz
Internet Traffic	15LPM	20LPM	20LPM	40LPM
Precision	±0.1°C			
Refrigerant	R410A			
Protective function	Motor overload, overtemperature, leakage, overpressure, low pressure, lack of fluid, leakage, exhaust overheating and other protections			
Temperature Range of Circulating Fluid	+5°C~+40°C	+5°C~+80°C	+5°C~+40°C	+5°C~+40°C
Storage Tank Capacity	5L	10L	12L	15L
External Loop Size Interface	RC1/2"	RC1/2"	RC1/2"	RC1"
Size(mm)	380W * 500D * 655H	400W * 675D * 800H	400W*625D*1050H	400W * 1000D * 1200H
Net Weight	60kg	70kg	75kg	80kg

Temperature rise with heating capacity



Advantages Comparison Chart



*This illustration is an image

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