



The WL1500 is a re-circulating liquid to air heat exchanger that offers dependable, compact performance by removing large amounts of heat from a liquid circuit. The coolant is re-circulated using a high-pressure pump to assure maximum flow rate. Heat from coolant is absorbed by a radiant heat exchanger and dissipated into the ambient environment using a brand name fan. This unit incorporates an air filter and water filter to maintain peak performance throughout operation life of product. Manual adjustments can be made to control pressure and flow of liquid circuit. Customized features are available, however, MOQ applies.

FEATURES

- Cooling to ambient
- High heat pump capacity
- Compact form factor
- Long life operation

APPLICATIONS

- Healthcare Diagnostics & Treatment
- Industrial Instrumentation
- Semiconductor Fabrication

TECHNICAL SPECIFICATIONS

Performance

Cooling Capacity ¹ - Watts	1,500
Pump Flowrate @ 4 Bar - LPM	4.0

Operation

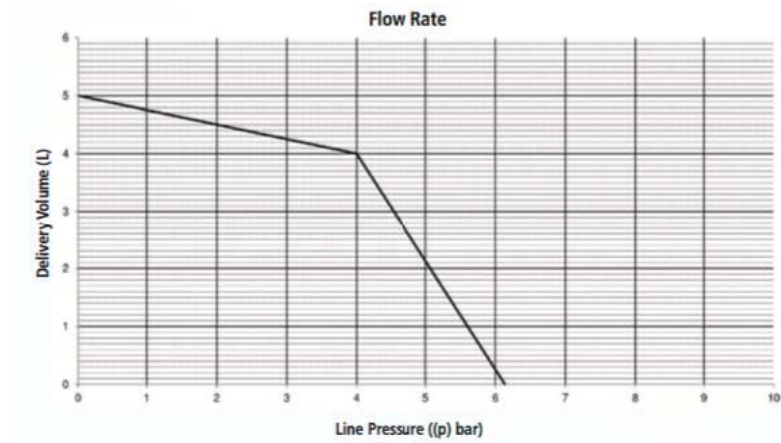
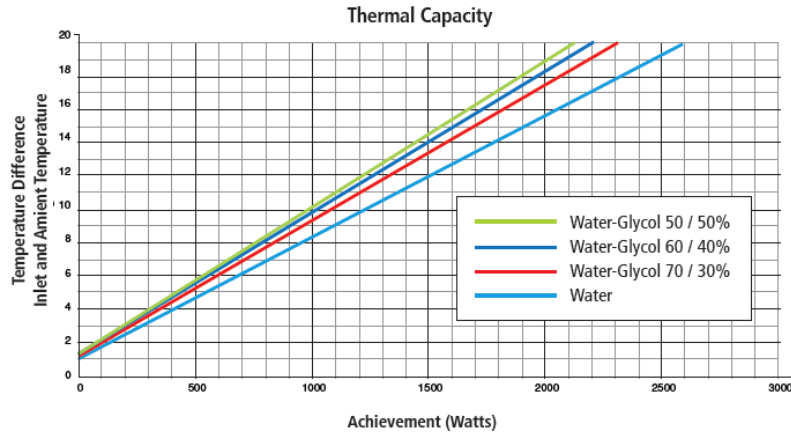
Coolant	Water or Water/Glycol
Operating Temperature ² - °C	5 to 40
Storage temperature range - °C (w/o coolant)	-25 to 70
Humidity range - %	20 to 80
Input Voltage - VAC	230
Frequency – Hz	50/60
Current Draw - Amp	< 2.5
Noise dB(A)	68
Maximum forward pressure – Bar	6.0

Physical

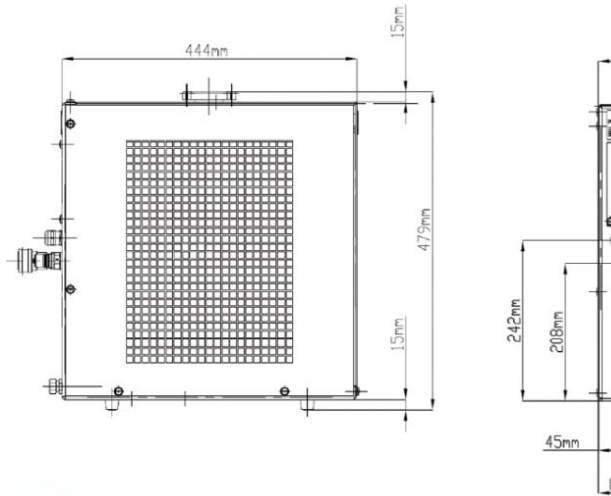
Dimensions (L X W X H) - cm	48 X 40 X 48
Weight - kg	38.5
Coolant Capacity - l	3
Couplings	Press fit (9 mm ID hose)

1. Capacity rating is given at a temperature of 25°C (77°F) for the ambient air and water outlet temperature of 11°C
 2. For ambient conditions outside this range, please contact Laird Thermal Systems

PERFORMANCE



ISOMETRIC DRAWINGS



NOTES

1. Check coolant level regularly. For optimal cooling performance, coolant level should always be above radiator fins
2. Hose selection should be of material and thickness to support pressure resistance and coolant type.
3. Manual adjustments can be made to control pressure flow rate.
4. Check air filter and coolant filter periodically for replacement.
5. Multiple cord plug options available to accommodate regional socket outlet requirements. Consult with Laird Technologies on cord plug selection.

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www.lairdthermal.com



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Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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