



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

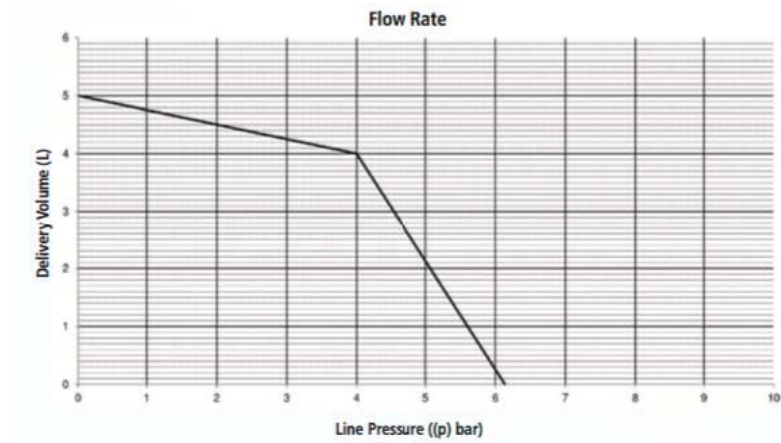
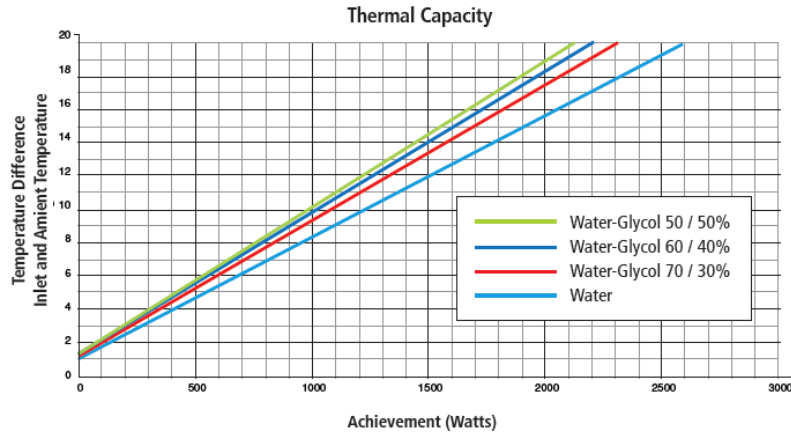
Coolant	Water or Water/Glycol
Operating Temperature ² - °C	5 to 40
Storage temperature range - °C (w/o coolant)	-25 to 70
Humidity range - %	20 to 80
Input Voltage - VAC	230
Frequency - Hz	50/60
Current Draw - Amp	< 2.5
Noise dB(A)	68
Maximum forward pressure - Bar	6.0

Physical

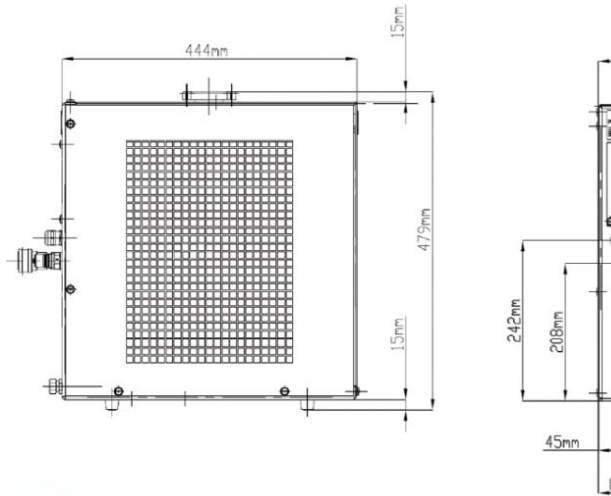
Dimensions (L X W X H) - cm	48 X 40 X 48
Weight - kg	38.5
Coolant Capacity - l	3
Couplings	Press fit (9 mm ID hose)

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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С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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