



The WL500 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 brand name fan. Manual adjustments can be made to control flow switch. 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

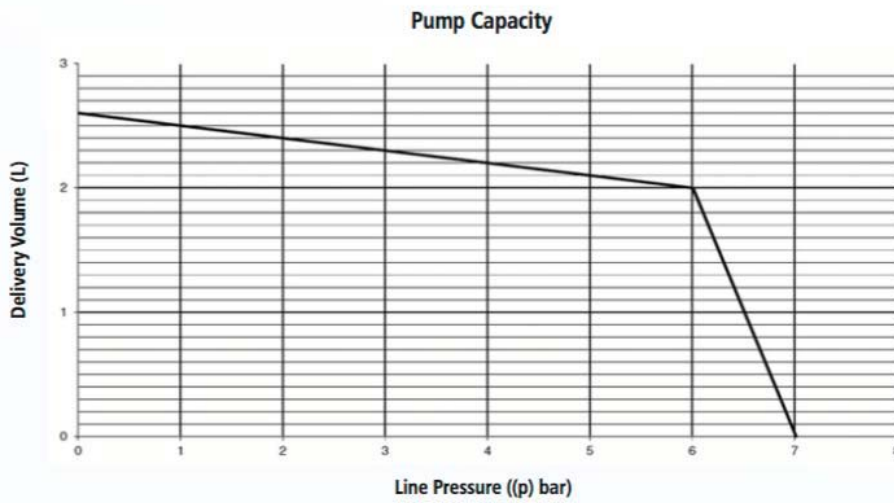
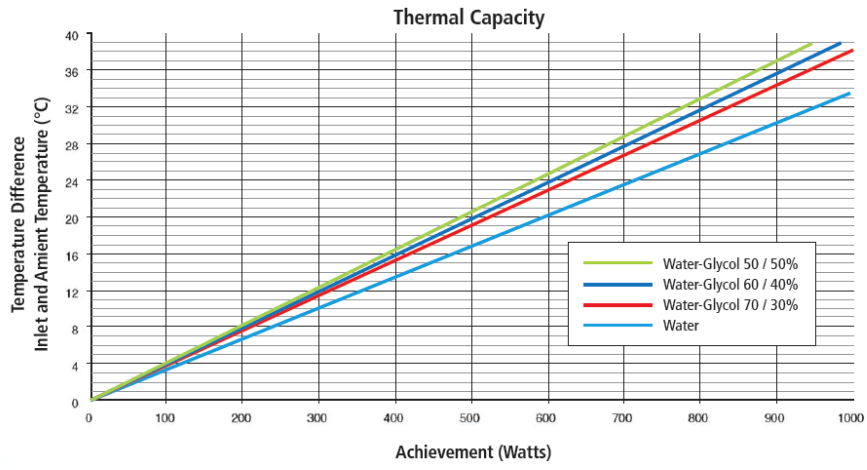
**TECHNICAL SPECIFICATIONS**

<b>Performance</b>	
Cooling Capacity <sup>1</sup> - Watts	500
Pump Flowrate @ 4 Bar - LPM	2.3
<b>Operation</b>	
Coolant	Water or Water/Glycol
Operating Temperature <sup>2</sup> - °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	1.2
Noise dB(A)	< 60
Flow switch open (lpm)	≤ 0.9
Maximum forward pressure – Bar	2.5
Max Pressure Drop - Bar	7.0
<b>Physical</b>	
Dimensions (L X W X H) - cm	37 x 30 x 15
Weight - kg	11
Coolant Capacity - l	1.7
Couplings	Press fit (8 mm ID hose)

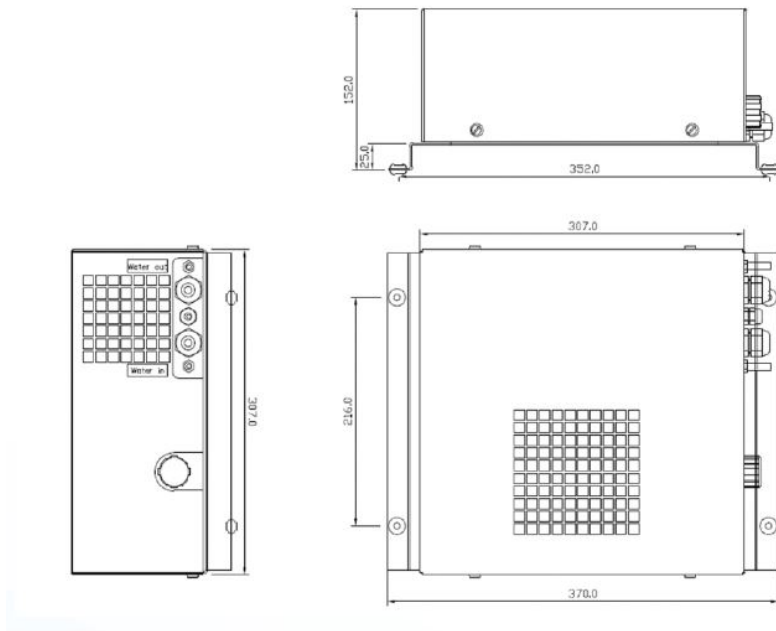
1. Capacity rating is given at a temperature of 25°C (77°F) for the ambient air and water outlet temperature of 13°C.

2. For ambient conditions outside this range, please contact Laird Thermal Systems

PERFORMANCE



### ISOMETRIC DRAWINGS



Americas: +1.919.597.7300  
 Europe: +46.31.420530  
 Asia: +86.755.2714.1166  
[ets.sales@lairdtech.com](mailto:ets.sales@lairdtech.com)  
[www.lairdthermal.com](http://www.lairdthermal.com)

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