

Liquid Heat Exchangers

The Melcor Coordinated Components liquid heat exchangers are designed specifically for our CP series of thermoelectric coolers (TECs). Each liquid heat exchanger is a part of a series of matching components designed to work together as a complete thermoelectric system.

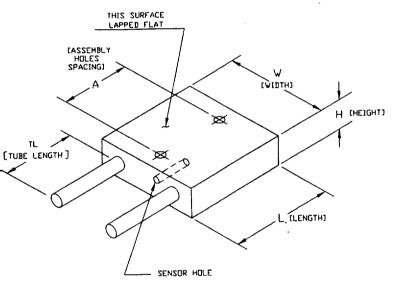
Some of the features of the Liquid Heat Exchangers

- •All copper construction
- Lapped finish
- Solderable surface
- •Liquid I/O Tubes:

TL = 1" (25mm) Long, 0.25" (6.4mm) O.D. Internal Waterways are 0.25" (6.4mm) Diameter

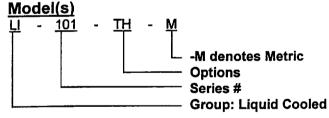
- •Sensor hole for temperature monitoring 0.062"(1.58mm) diameter, 0.75"(19mm) deep
- •Tapped or clearance assembly holes Metric M3 and English 6-32

Mechanical Characteristics



Dimensions

	Dimensions					
Model	W Width		L Length		H Height	
	Inch	mm	Inch	[mm	Inch	mm
LI-101	1.25	32	2.00	51	0.38	9.7
LI-102	2.00	51	1.25	32	0.38	9.7
LI-201	2.00	51	2.25	57	0.50	12.7
LI-301	2.50	64	3.50	89	0.50	12.7



Series #	Assembly Hole Spacing A	TEC size
-100	1.5"(38mm) O.C.	up to 1.17" (30mm)
-200	2.0"(51mm) O.C.	up to 1.57" (40mm)
-300	3.0"(76mm) O.C.	up to 2.44" (62mm)

Options	Description		
NH	No Holes		
CL	Clearance Holes		
TH	Tapped Holes		

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