



ElectraCOOL™ LA 300
300 Watt Liquid-to-Air
Heat Exchanger (Chiller)

UNIT CODE	DESCRIPTION
LA300 Chiller	300 Watt Thermoelectric Chiller

SPECIFICATIONS					
Input Power (Universal AC Input)	Cooling Capacity Watt/BtuH	Agency approvals	Control Temperature Range* °C/ °F	Dimensions Height x Width x Depth in/mm	Noise Level dBA
115 VAC – 5.0 Amps or 230 VAC – 2.5 Amps	300 / 1023	UL / CUL / CB / CE includes: UL 2601-1	-12 to 41 / 10.4 to 106	13.5 x 7.75 x 11 330 X 197 X 279	50

Capacity Vs. Delta T	Actual Operational Flow Rate Vs. Pressure	Photograph
<p>A line graph showing Delta T (T₁-T₂) in °C on the y-axis (ranging from -40 to 5) versus Capacity in Watts on the x-axis (ranging from 0 to 350). The line starts at approximately (0, -35) and rises linearly to (300, 0).</p>	<p>A graph showing Pressure in PSI on the y-axis (ranging from 0 to 18) versus Flow in Lpm on the x-axis (ranging from 0 to 6). The curve starts at approximately (0, 16) and decreases as flow increases, reaching 0 PSI at 6 Lpm.</p>	<p>A photograph of the white, rectangular chiller unit with a control panel on top and a handle.</p>

Our **ElectraCOOL™ LA300** and identical **CustomCHILL** brand LA300 Watt Recirculating Liquid Chiller is a free-standing, self contained, state-of-the-art, cost-effective solution to meet your liquid cooling and/or heating requirements in the 300 watt range or below (see curve above). Configured with a universal AC input supply, this chiller will work safely anywhere in the world and with 45,000 hour rated pump, outlast the competition.

Standard features include:

- Programmable digital PID system controller
- Temperature control accuracy $\pm 0.10^{\circ}\text{C} / \pm 0.18^{\circ}\text{F}$
- Leak-proof fluid inlet and outlet with quick disconnect valves
- Highly reliable, environmentally safe thermoelectric cooling elements
- Efficient seal-less centrifugal magnetic drive pump (45,000 hours MTBF) with brushless DC motor
- Quiet high performance fans
- Universal AC Power Input ensures safe use
- Max Flow rate 6 Lpm/ 1.6 Gpm
- Max Pressure @ 0 Flow is 14.7 PSI
- Approved for medical use: UL 2601-1 and Canadian: CSA C22.2 No 601.1

Optional features include:

- PID with RS232/RS485 comm. port (add \$198)
- Heating option, up to 500 Watts (add \$205)
- Low fluid level indicator or dry contact closure (\$95)
- Low Flow Alarm (light or sound) (add \$135)
- Temperature alarm (light or sound) (add \$110)
- Low Flow Alarm with specific set (add \$223)
- Super Quiet Fan <45 dBA (add \$67)

September, 2005 Pricing:

- 1+ \$ 2,300-**
- 10+ \$ 2,233-**
- 50+ \$ 2,105-**
- 100+ \$ 1,999-**

Kindly request a quotation in larger quantities or for special requests. Prices are in US Dollars and subject to change without notice.

electracool.com



Toll-Free 1 (866) 665-5434



The **ElectraCOOL™** line is modifiable to meet your exact requirements. If you need additional features, colors or accessories or, if you prefer a rack-mounted configuration instead of a free-standing model please contact us.