

600kW - 3.5kW Non Ferrous Lab Cooler Rental

Cool Energy can now offer a nationwide same and next day delivery service for its customers who need a compact and unobtrusive cooler for their lab projects.

The new chillers are equipped with efficient high ambient compressors, which offer lower power usage and are manufactured in a controlled ISO 9001 environment here in the UK, are part of a 6 model range capable of offering between 600W and 3.5kW of cooling.

Chiller Features

The chillers all contain a circulation pump and thermal buffer tank capable of receiving variable load conditions and providing stable water leaving temperatures from -10°C to 40°C.

Refrigeration Details

- R404a refrigerant
- High pressure switches
- Refrigerant switch glass
- Internally equalised thermostatic expansion valve
- High capacity refrigerant driver
- High and low side service connections
- Closed temperature control +/- 0.3°C

Typical Applications

- R&D testing for long or short term trials
- Mass Spectrometers
- X Ray Equipment
- MRI Scanners
- Solid State Lasers
- Induction Hardening

The chiller models are available in the following duty bands:

MODEL	LC600	LC900	LC1500	LC2000	LC2500	LC3500
Capacity Watts*	600	900	1500	2000	2500	3500
Required Flow Rate (litres/min)	1.7	2.6	4.3	5.7	7.2	8.6
System Absorbed Power kW***	0.34	0.42	0.63	0.74	1.03	1.33
Electricity Supply**	220-240/50/-1					
Tank Capacity (litres)	1.5	1.5	1.5	1.5	1.5	1.5
Available Pump Pressure (bar)	1.6	1.6	1.5	1.5	1.3	1.1
Designed Running Current (Amps) ***	3	3.5	5	5	6	7.5
Water Connections (Hose Tail)	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Size WxHxD (mm)	570 x 315 x 550			570 x 400 x 550		
Weight (Kg)	26	28	30	32	35	40

*Cooling capacity based 15°C liquid leaving temperature, 30°C ambient and does not include heat input from pump.

** 60Hz selections available on request.

*** Figures based on standard water pump.

Other pump options available to suit application



Cool Energy's Rental Lab Coolers

Need a small or large cooling package now?

No problem. We have a range of 1kW – 1,000kW units in stock.

Equipment is supplied with inclusive 24/7 maintenance throughout the rental period.

Call us free on **0800 169 3861** for an emergency visit or to order equipment fast.

Local sales offices are based in the following locations:

London, Southampton, Bristol, Birmingham, Bradford, Glasgow and Dublin.

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