



DAC 500



ABOUT THE DRY AIR LIQUID COOLER (DALC)

ICS Cool Energy's DALC 500 is designed to withstand the demands of the hire industry and provide a rapidly installed cooling solution. The unit has quick-release water connections together with a 32amp 3-phase electrical connection.

The unit is supplied with a controller to manage the fan speed and temperature from the unit.

THE ICS COOL ENERGY PORTFOLIO

ICS Cool Energy can also supply the following equipment:

- Air-cooled rental chiller range from 0.3kW – 1,000kW units.
- Water-cooled rental chiller range from 7.5kW – 1,000kW units.
- Air handling units & fan coils from 5kW – 500kW duties.
- Air conditioning units from 1.3kW – 350kW units.
- Low temperature chillers (-40°C) and fan coils (0°C air off).

- Dehumidifiers (desiccant & electric) 200-10,000m³/hr.
- Generator Power with 20KVA – 800KVA, fuel tanks and management.
- Air distribution (flexible ducting and perforated air socks).
- Hot water generators and boilers from 25kW – 2MW units.
- Heating (office/warehouse) from 3kW to 200kW electric/indirect/heat pump.

We also provide full installation, transportation, lifting and monitoring services where required.

CONTACT US

Call us free on
0800 840 4210 or
visit our website
www.icscoolenergy.com

Depots Nationwide

hire@icscoolenergy.com

E&OE. All data is subject to change and continuous improvement without notice. Equipment designed to ISO 9001 and all relevant electrical, pressure and mechanical directives.

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**THE TEMPERATURE CONTROL SPECIALISTS.
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TECHNICAL 500kW DRY AIR COOLER

PERFORMANCE DATA @ DESIGN CONDITIONS

Cooling Capacity	kW	500
Air on Temperature	°C	25
Water	°C	40
Water	°C	35

COOLING OPERATING LIMITS

Fluid Pressure Drop	kPa	70
Max Working Pressure	bar	8

AIR LIMITS

Total Number of Fans		6
Fans	mm	910
Total Airflow	m ³ /hr	159,975
Total Airflow	m ³ /s	44.4

ELECTRICAL DATA

Electrical Supply Voltage 3 phase	V	400
Power Connections		32 Amp 5 pin BS4343 Plug
Max Power Absorbed	kW	11.4
Max Current Absorbed	A	26.4
Recommended Generator Set	kVA	30

SOUND DATA

Sound Pressure Level at 10 metres (ISO3744)	dB(A)	63
Power Sound level	dB(A)	97

PHYSICAL DATA

Overall Length	mm	5,060
Overall Width	mm	2,430
Overall Height	mm	2,550
Weight Dry	kg	2,500
Fluid Coupling Size	mm/inch	1 x 100/4
Fluid Coupling Type	choice	PN16 Flange/bauer

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