



ABOUT THE DRY AIR COOLER (DAC)

ICS Cool Energy's DAC 500 is designed to withstand the demands of the hire industry and provide a rapidly installed cooling solution. This unit can be supplied with a variety of fluid connections, subject to pressure and temperature constraints. It comes with a 32Amp 3-phase plug connector and has automatic control for the variable speed fans to give efficient temperature regulation.

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



TECHNICAL 500kW DRY AIR COOLER (V2)

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	98
Max Working Pressure	bar	10

AIR LIMITS

Total Number of Fans		6
Fans	mm	800
Total Airflow	m ³ /hr	131,112
Total Airflow	m ³ /s	36.42

ELECTRICAL DATA

Electrical Supply Voltage 3 phase	V	400
Power Connections		32 Amp 5 pin BS4343 Plug
Max Power Absorbed	kW	16.8
Max Current Absorbed	A	28.2
Recommended Generator Set	kVA	30

SOUND DATA

Sound Pressure Level at 10 metres (ISO3744)	dB(A)	63.6
Power Sound level	dB(A)	97

PHYSICAL DATA

Overall Length	mm	3,900
Overall Width	mm	2,350
Overall Height	mm	2,470
Weight Dry	kg	1540
Fluid Coupling Size	mm/inch	1 x 100/4
Fluid Coupling Type	choice	PN16 Flange/bauer

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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.
SALES. HIRE. SERVICE.

WWW.ICSCOOLENERGY.COM