



## DAC 250 (v2)



### ABOUT THE DRY AIR COOLER (DAC)

ICS Cool Energy's DAC 250 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.

### CONTACT US

Call us free on  
**0800 840 4210** or  
visit our website  
[www.icscoolenergy.com](http://www.icscoolenergy.com)

Depots Nationwide

[hire@icscoolenergy.com](mailto:hire@icscoolenergy.com)

### 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) 200-10,000m<sup>3</sup>/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.

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.**

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## TECHNICAL 250kW 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 <sup>3</sup> /hr	131,112
Total Airflow	m <sup>3</sup> /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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