



## ABOUT THE UNIT

ICS Cool Energy's Fan Coil 50 Unit is a flexible twin fan unit capable of offering 5,040m<sup>3</sup>/hr air flow. The unit requires a water source to the integral coil and has quick-release water connections, together with a 16amp single power connection.

The air handler is sited internally and has a removable air discharge at the top. This can be removed to reveal a 600mm spigot to connect flexible ducting to provide air off the unit to specific and remote areas.

The unit is also supplied with a condensate pump and fan speed controller to regulate the air flow.

## 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 – 500kW units.
- Heating (office/warehouse) from 3kW to 200kW electric/indirect/heat pump.

We also provide full installation, transportation, lifting and monitoring.

## CONTACT

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 bezoek onze website  
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## TECHNICAL FAN COIL 50 V2

### PERFORMANCE DATA @ DESIGN CONDITIONS

Cooling Capacity	kW	50
Sensible Cooling Capacity	kW	35
Air Off Temperature	°C	20
Air On Temperature	°C	25

### OPERATING LIMITS

Min/Max Air Off Temperature	°C	10/30
Fluid Pressure Drop	kPa	36
Max. Working Pressure	Bar	6
Coil Water Volume	l	25
Condensate Connection	Hose Tail	3/8

### ELECTRICAL DATA

Electrical Supply Voltage	V	240
Power Connections	A	16 C Forme plug
Max Power Absorbed	kW	2.4
Max Current Absorbed	A	10
Starting Current (Max)	A	14

### AIR LIMITS

Total Number Fans	1.2kW each	2
Total Airflow	m <sup>3</sup> /hr	5040
	m <sup>3</sup> /s	1.4
Max Length of Duct	m	15
Max Air Throw	m	15

### SOUND DATA

Sound Pressure Level at 10 metres (ISO3744)	dB(A)	64
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### PHYSICAL DATA

Overall Length	mm	1500
Overall Width	mm	750
Overall Height	mm	2250
Weight	kg	600

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All data is subject to change and  
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