



ABOUT THE UNIT

ICS Cool Energy's fan coil 50-75 V2 unit is a flexible twin fan unit capable of offering 5,000m³/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 Fan Coil 50-75 V2 is sited internally and has a removable air discharge at the top. This can be removed to reveal a 500mm 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) 200-10,000m³/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 – 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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TECHNICAL FAN COIL 50-75 V2

PERFORMANCE DATA @ DESIGN CONDITIONS		COOLING	HEATING
Capacity	kW	50	100
Sensible Capacity	kW	35	100
Air Off Temperature	°C	20	70
Air On Temperature	°C	25	20

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	Yes

ELECTRICAL DATA		
Electrical Supply Voltage 1 phase	V	230
Power Connections	A	16 amp 3 pin plug
Max Power Absorbed	kW	1.55
Max Current Absorbed	A	6.5

AIR LIMITS		
Total Number Fans	1.2kW each	1
Total Airflow	m ³ /hr	5,000
	m ³ /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)	45

PHYSICAL DATA		
Overall Length	mm	1,300
Overall Width	mm	790
Overall Height	mm	1,970
Weight	kg	200

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All data is subject to change and continuous improvement without notice

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