



FAN COIL 30 - 50



ABOUT THE UNIT

The Fan Coil 30-50 is a light-weight portable unit capable of offering 3,200m³/hr air flow. Air can also be ducted off a 300mm spigot.

The unit requires a water source to the integral coil and has quick release water connections, together with a 13 amp (BS1363) single phase standard power connection.

The fan coil is sited internally and has an adjustable air discharge grill with louvers. The unit is also supplied with an integral condensate pump and air purge facility to assist with commissioning.

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 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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TECHNICAL FAN COIL 30-50

PERFORMANCE DATA @ DESIGN CONDITIONS

Cooling Capacity	kW	32
Sensible Cooling Capacity	kW	16
Heating Capacity	kW	50

OPERATING LIMITS

Min Air Off Temperature	°C	10
Min Air Off Temperature	°C	50
Water on Coil (min/max)	°C	0/60
Fluid Pressure Drop	kPa	45
Max. Working Pressure	Bar	6
Coil Water Volume	l	10
Condensate Connection	Hose Tail	¼"

ELECTRICAL DATA

Electrical Supply Voltage	V	230/50hz
Power Connections	A	3 Pin
Max Power Absorbed	kW	2
Max Current Absorbed	A	3.6
Starting Current (Max)	A	12
Control System (motorised 3 way valve)	Switch	Automatic Thermostat

AIR LIMITS

Total Number Fans	0.4kW	1
Total Airflow	m ³ /hr	3,200
	m ³ /s	0.89
Max Air Throw	m	10

SOUND DATA

Sound Pressure Level at 10 metres (ISO3744)	dB(A)	59
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PHYSICAL DATA

Overall Length	mm	588
Overall Width	mm	426
Overall Height	mm	1840
Weight (wet)	kg	102
Control System (Motorised 3 way valve)	switch	Automatic Thermostat
Fluid Coupling	Camlock	1"

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