



FAN COIL 10LT V2



ABOUT THE UNIT

ICS Cool Energy's Fan Coil 10 Low Temperature version 2 is a flexible twin fan unit capable of offering 6,480m³/hr airflow. The unit requires a water source to the integral coil and has quick-release water connections, together with a 16amp 3-phase power connection.

The Fan Coil is sited internally and can be supplied with or without an independent low temperature defrost panel to offer a nominal 0°C air off temperature, capable of offering stability to a 4°C room or below.

The unit is also supplied with a condensate hose, real timer defrost control panel (to manage both coil and condensate tray heater element defrost), together with optional warehouse stands built to order.

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 10LT V2

PERFORMANCE DATA @ DESIGN CONDITIONS

Cooling Capacity	kW	10
Air Off Temperature	°C	0
Air On Temperature	°C	4
Water/Glycol mix in (min 25%)	°C	-8
Water/Glycol mix out	°C	-4

OPERATING LIMITS

Min/Max Air Off Temperature	°C	-5/20
Fluid Pressure Drop	kPa	25.9
Max. Working Pressure	Bar	6
Coil Water Volume	L	12
Condensate Connection	Camlock	1"

ELECTRICAL DATA

Electrical Supply Voltage Phase	V	400
Power Connections		16A C forme Plug
Max Power Absorbed Fans/defrost	kW	0.8/8
Max Current Absorbed	A	1.5/12
Starting Current Max	A	2.75

AIR LIMITS

Total Number Fans	0.4kW each	2
Total Airflow	m ³ /hr	6,480
	m ³ /s	1.8
Max Air Throw	m	25

SOUND DATA

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

PHYSICAL DATA			WITH FRAME
Overall Length	mm	1600	2200
Overall Width	mm	580	760
Overall Height	mm	570	800
Weight	kg	139	239
Weight + Water/Glycol mix	kg	152	184
Fluid Coupling Size	mm/inch	25/1	25/1
Fluid Coupling Type	Std	1" Camlock	

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