



FAN COIL 75LT



ABOUT THE UNIT

ICS Cool Energy's Fan Coil 75 Low Temperature is a flexible twin fan unit capable of offering 28940 m³/hr airflow. The unit requires a water source to the integral coil and has quick-release water connections, together with a 32amp 3-phase power connection for low temperature operation and 16amp for standard use.

The air handler 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 75LT

PERFORMANCE DATA @ DESIGN CONDITIONS

Cooling Capacity	kW	75
Air Off Temperature	°C	0
Air On Temperature	°C	4
Water/Glycol mix in (min 25%)	°C	-8
Water/Glycol mix out	°C	-3.4

OPERATING LIMITS

Min/Max Air Off Temperature	°C	-21/20
Fluid Pressure Drop	kPa	38.8
Max. Working Pressure	Bar	2,400
Evaporator Water Volume	1	50
Condensate Connection	Camlock	1"

ELECTRICAL DATA

Electrical Supply Voltage 3 Phase	V	400
Power Connections (with defrost)	A	32 C forme Plug
Max Power Absorbed	kW	2.3/30
Max Current Absorbed (without/with defrost)	A	14.8/32
Starting Current (Max)	A	16
Recommended Generator Set (without/with defrost)	kVA	10/20

AIR LIMITS

Total Number Fans	2.0kW each	2
Fan Diameter	mm	630
Total Airflow	m ³ /hr	28,940
	m ³ /s	8.03
Max Air Throw	m	32

SOUND DATA

Sound Pressure Level at 10 metres (ISO3744)	dB(A)	57
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PHYSICAL DATA		UNIT	IN FRAME	WITH STAND
Overall Length	mm	3,050	3250	3250
Overall Width	mm	850	1000	1148
Overall Height	mm	930	1230	3110
Weight Dry	kg	240	650	950
Weight + Water/Glycol mix	kg	300	700	1000
Fluid Coupling Size	mm/inch	50/2		
Fluid Coupling Type	choice	PN16	Flange/bauer	

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