



ABOUT THE UNIT

ICS Cool Energy's Fan Coil 5 Low Temperature is a flexible single fan unit capable of offering 3,240m³/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 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.

CONTACTEER ONS

Bel ons op
088 258 258 0 of bezoek
onze website
www.icscoolenergy.nl

ICS Cool Energy B.V.
Rotschotseweg 2,
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E&OE. Alle gegevens kunnen zonder voorafgaande kennisgeving worden gewijzigd en continu worden verbeterd. Apparatuur ontworpen volgens ISO 9001 en alle relevante elektrische, druk- en mechanische richtlijnen.

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TECHNICAL FAN COIL 5LT

PERFORMANCE DATA @ DESIGN CONDITIONS

Cooling Capacity	kW	5.2
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 Duty	kW	2/10
Min/Max Air Off Temperature	°C	-5/20
Fluid Pressure Drop	kPa	14.09
Max. Working Pressure	BAR	6
Evaporator Water Volume	l	6
Condensate Connection (hose tail - pump built in)		3/7 ³ / ₄

ELECTRICAL DATA

Electrical Supply Voltage Phase	V	400
Power Connections (without defrost)	A	16 C forme Plug
Power Connections (with defrost)	A	16 C forme Plug
Cable Connection (35mm ² per phase)		3 core + earth, no neutral
Max Power Absorbed	kW	0.4/4
Max Current Absorbed (without/with defrost)	A	0.75/6
Starting Current Max	A	2.75
Control System		Carel pC0 ³

AIR LIMITS

Total Number Fans	0.4kW each	1
Fan Diameter	mm	380
Total Airflow	m ³ /hr	3,240
	m ³ /s	0.9
Max Air Throw	m	22

SOUND DATA

Sound Pressure Level at 10 metres (ISO3744)	dB(A)	62
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PHYSICAL DATA

Overall Length	mm	1,300
Overall Width	mm	820
Overall Height	mm	1970
Weight	kg	120
Weight + Water/Glycol mix	kg	126
Fluid Coupling Size	mm/inch	25/1
Fluid Coupling Type	Std	1' Camlock

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THE TEMPERATURE CONTROL SPECIALISTS
VERKOOP. VERHUUR. SERVICE.

WWW.ICSCOOLENERGY.NL