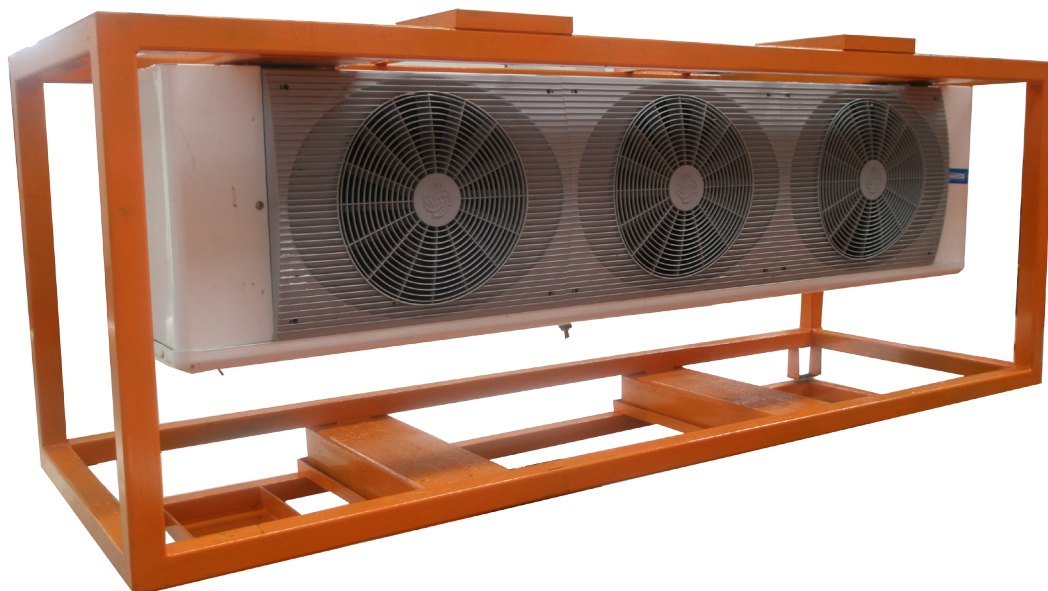




FAN COIL 10LT



ABOUT THE UNIT

ICS Cool Energy's Fan Coil 10 Low Temperature fan coil 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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**THE TEMPERATURE CONTROL SPECIALISTS.
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WWW.ICSCOOLENERGY.COM



TECHNICAL FAN COIL 10LT

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 | 10 |
| Coil Water Volume | L | 12 |
| Condensate Connection | Camlock | 1" |

ELECTRICAL DATA

| | | |
|---------------------------------|----|-------------------|
| Electrical Supply Voltage Phase | V | 400 |
| Power Connections | | 16 A 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 |
|---|-------|----|

PHYSICAL DATA

| PHYSICAL DATA | | | WITH FRAME |
|---------------------------|---------|------------|------------|
| Overall Length | mm | 1700 | 1720 |
| Overall Width | mm | 604 | 880 |
| Overall Height | mm | 575 | 880 |
| Weight | kg | 135 | 170 |
| Weight + Water/Glycol mix | kg | 147 | 182 |
| Fluid Coupling Size | mm/inch | 25/1 | 25/1 |
| Fluid Coupling Type | Std | 1" Camlock | |

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