



AIR HANDLER 350



FEATURES

ICS Cool Energy's 350 unit is a flexible single fan unit capable of offering 40,000m³/hr airflow. The unit requires a water source to the integral coil and has quick-release water connections, together with a 63amp 3-phase power connection.

The air handler can be sited internally or externally and has 5x500mm (20") spigots available for free blowing cool air or for connecting flexible ducting.

The unit can be supplied with a condensate pump, boxed G4 pleated filters (BS EN 779) and a variable (frequency driven) fan speed control.

CONTACT US

Call us free on
0800 840 4210 or
visit our website
www.icscoolenergy.com

Depots Nationwide

hire@icscoolenergy.com

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.

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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AIR HANDLER 350

PERFORMANCE DATA @ DESIGN CONDITIONS

Cooling Capacity	kW	350
Sensible Cooling Capacity	kW	250
Air Off Temperature	°C	20
Air On Temperature	°C	25

COOLING OPERATING LIMITS

Min/Max Air Off Temperature	°C	9/35
Fluid Pressure Drop	kPa	30
Max Working Volume	Bar	6
Evaporator Water Volume	l	100
Condensate Connection	Camlock	1"

AIR LIMITS

Total Number Fans	0.4kW each	1
Ducting Connections/No.	mm	5 x 500
Max length of Duct	m	30
Total Airflow	m ³ /hr	40,000
	m ³ /s	11.1
Max Air Throw	m	40

ELECTRICAL DATA

Electrical Supply Voltage	V	400
Power Connections	A	63 C forme plug
Max Power Absorbed	kW	22
Max Current Absorbed	A	38
Control System (Variable fan speed)	remote	frequency driven

ELECTRICAL DATA

Sound Pressure Level at 10 metres (ISO3744) Max Air Flow	dB(A)	63
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PHYSICAL DATA

Overall Length	mm	3,150
Overall Width	mm	2,450
Overall Height	mm	2,300
Weight Dry	kg	1,000
Weight + Water / Glycol mix	kg	1,100
Fluid Coupling Size	mm/inch	100/4
Fluid Coupling Type	Std	PN16 flange/bauer

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