



FEATURES

ICS Cool Energy's Air Handler 150 V2 is a flexible single fan unit capable of offering 20,000m³/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.

The air handler can be sited internally or externally and has 4x500mm spigots available for free blowing cool air or for connecting flexible ducting to provide cool air in additional areas up to 30metres.

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

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
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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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AIR HANDLER 150 V2

PERFORMANCE DATA @ DESIGN CONDITIONS

| | | |
|---------------------------|----|-----|
| Cooling Capacity | kW | 150 |
| Sensible Cooling Capacity | kW | 100 |
| Air Off Temperature | °C | 20 |
| Air On Temperature | °C | 25 |

COOLING OPERATING LIMITS

| | | |
|-----------------------------|---------|-------|
| Min/Max Air Off Temperature | °C | 15/30 |
| Fluid Pressure Drop | kPa | 22.6 |
| Max Working Pressure | Bar | 6 |
| Evaporator Water Volume | L | 35 |
| Condensate Connection | Camlock | 3/4" |

AIR LIMITS

| | | |
|-------------------------|--------------------|--------|
| Total Number Fans | 0.4kW each | 1 |
| Ducting Connections/No. | mm | 500/4 |
| Max length of Duct | m | 30 |
| Total Airflow | m ³ /hr | 20,000 |
| | m ³ /s | 5.55 |
| Max Air Throw | m | 40 |

ELECTRICAL DATA

| | | |
|-------------------------------------|--------|------------------|
| Electrical Supply Voltage | V | 400 |
| Power Connections | A | 32 C forme plug |
| Max Power Absorbed | kW | 2.4 |
| Max Current Absorbed | A | 21.4 |
| Control System (Variable fan speed) | remote | frequency driven |

ELECTRICAL DATA

| | | |
|---|-------|----|
| Sound Pressure Level at 10 metres (ISO3744) Max Air Flow | dB(A) | 76 |
|---|-------|----|

PHYSICAL DATA

| | | |
|-----------------------------|---------|-------------------|
| Overall Length | mm | 2,610 |
| Overall Width | mm | 1,270 |
| Overall Height | mm | 2,000 |
| Weight Dry | kg | 660 |
| Weight + Water / Glycol mix | kg | 695 |
| Fluid Coupling Size | mm/inch | 50/2 |
| Fluid Coupling Type | Std | PN16 flange/bauer |

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THE TEMPERATURE CONTROL SPECIALISTS
VERKOOP. VERHUUR. SERVICE.

WWW.ICSCOOLENERGY.NL