



ABOUT THE UNIT

Compact high capacity evaporative Cooling tower.

The unit is designed specifically for the UK market and for the adherence of ACoP L8 site maintenance requirements.

Customers should note that no Cooling Tower will be delivered to site until a full site specific risk assessment is agreed, together with a declaration of known tasks prior to delivery, to meet all Health & Safety codes of practice.

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 – 2MW units.
- Heating (office/warehouse) from 3kW to 200kW electric/indirect/heat pump.

We also provide full installation, transportation, lifting and monitoring services where required.

CONTACT

Bel ons op
+31 (0)88 - 258 2580 of
 bezoek onze website
www.icscoolenergy.nl

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TECHNICAL COOLING TOWER 2000

PERFORMANCE DATA @ DESIGN CONDITIONS

Cooling Capacity	kW	1,981.4
Design Wet Bulb Temp	°C	20
Design Fluid In/Out	°C	35/30
Method of Cooling	Type	Forced Draft

COOLING OPERATING LIMITS

Min/Max Duty	kW	600/2,100
Min/Max Water Off Temperature	°C	10/35
Fluid Pressure Drop	kPa	23.4
Max Working Flowrate	L/S	30/86.1
Water Volume	L	2,500
Water Connection	mm/inches	50/2
Evaporated Water Rate	L/S	0.62 (Max)
Maximum Water Temperature	°C	54

AIR LIMITS

Total Number Fans	No.	2
Total Airflow	m³/hr	99,720
	m³/s	27.7

ELECTRICAL DATA

Electrical Supply Voltage 3 phase	V	400
Chiller Power Connections		63 A C forme plug
Cable Connection (35mm² per phase)		3 core + earth, no neutral
Max Power Absorbed	kW	22
Max Current Absorbed	A	43
Starting Current (Max)	A	100 (soft start)
Pre-Heating Crankcase Supply	V	230
Recommended Generator Set	kVA	40
Defrost Heater	No.	1x 9kW

SOUND DATA

Sound Pressure Level at 15 metres (ISO3744) Max Air Flow	dB(A)	63 (@ 1.5m 75)
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PHYSICAL DATA

Overall Length	mm	6,100
Overall Width	mm	2,500
Overall Height	mm	2,800
Weight Dry	kg	4,500
Weight + Water	kg	7,000
Fluid Coupling Size	mm/inch	200/8
Fluid Coupling Type	Std	PN16 flange/bauer
Dosing Connections	mm/inch	50/2
Make-up water pressure (Min/Max)	mm/inch	137/344

ADDITIONAL INFORMATION

The ICS Cool Energy water cooled rental range can be supplied with a suitably-rated rental cooling tower as an option, to help provide temporary cooling as a complete package. The range available for rental is 45kW - 1,250kW single units.

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All data is subject to change and
continuous improvement without notice

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THE TEMPERATURE CONTROL SPECIALISTS.
VERHUUR. VERKOOP. SERVICE.

WWW.ICSCOOLENERGY.NL