



## COOLING TOWER 1900



### ABOUT THE UNIT

ICS Cool Energy's Cooling Tower 1900 is a flexible twin fan unit capable of managing 233.4 m<sup>3</sup>/hr flow. The unit requires a water source to top up the evaporation and has quick-release water connections, together with a 63amp 3-phase power connection to manage the controls and fans.

The unit is designed specifically for the UK market and for the adherence to 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) 200-10,000m<sup>3</sup>/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 US

Call us free on  
**0800 840 4210** or  
visit our website  
[www.icscoolenergy.com](http://www.icscoolenergy.com)

Depots Nationwide

[hire@icscoolenergy.com](mailto: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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## TECHNICAL COOLING TOWER 1900

### PERFORMANCE DATA @ DESIGN CONDITIONS

Cooling Capacity	kW	1,900
Design Wet Bulb Temp	°C	21
Design Fluid In/Out	°C	34/27

### COOLING OPERATING LIMITS

Max Working Flowrate	m <sup>3</sup> /hr	233.4
Water Volume	L	3070
Water Connection (make up)	inches	2
Maximum Pressure	Bar	1
Maximum Water Temperature	°C	75

### ELECTRICAL DATA

Electrical Supply Voltage 3 phase	V	400
Chiller Power Connections	A	CEE 63 A
Max Power Absorbed	kW	30.0
Max Current Absorbed	A	56.0
Starting Current (Max)	A	63

### SOUND DATA

Sound Pressure Level at 3 metres (ISO3744) Max Air Flow	dB(A)	76
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### PHYSICAL DATA

Overall Length	mm	5,216
Overall Width	mm	2,429
Overall Height	mm	2,300
Weight Dry	kg	2,290
Weight + Water	kg	5,360
Fluid Coupling Size	inch	4
Fluid Coupling Type	Bauer	

## 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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