

Cooling towers



Cooling tower specifications



All electric

Our cooling towers have a design capacity of approx. 2MW. The units are used to cool down your process water within a wide range of water and ambient air temperatures.

Cooling towers use the principle of ambient air to cool down the process water. With a minimum use of power and a high cooling capacity it is a cost and energy efficient solution.

The units are easy to transport and install and can operate stand-alone, modular and/or in combination with an external pump. If required, the units can be placed on a platform for easy access and safe operation.

We value people's safety. To eliminate risks, a legionella prevention plan and water treatment plan need to be in place before start of the project.



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Technical information

Model		CT 2000
Cooling capacity ¹	kW	1859
Power supply	V/Ph/Hz/PE	400/3/50-60/PE
Power connection	-	CEE 63A (5-pole)
Max. Power consumption	kW	31
Power protection (fuse)	A	63
Max. Starting current	A	1
Max. Running current	A	58
Max. Air flow	m3/h	10 800
Min. / Max. Fluid flow rate	m3/h	111 / 320
Max. Fluid inlet temperature	°C	45
Hydraulic connections (flanges)	-	200 / 10 DN / PN
Dimensions [LxWxH]	mm	6605x2544x2785
Transport weight	kg	4450
Full operational weight	kg	6600
Forklift pockets	-	Yes
Built-in pump	-	No
Max. sound pressure level @ 15m	dB(A)	65
Remote monitoring	-	Yes
Recommended Zeppelin Energy Rental genset size	kVA	60

Details are given for guidance only. Exact equipment may vary according to geographical location and availability.

1. Fluid Flow Rate: 320 m3/h, Entering Fluid Temp: 34°C, Leaving Fluid Temp: 29°C, Entering Air Wet Bulb Temp: 21°C

Consult your Pon Energy Rental application engineer for any other operation condition.



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to help**

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