

ENERGYST COOLING TOWER SPECIFICATION



COOLING TOWER

RELIABLE & EFFICIENT RENTAL COOLING TOWERS

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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COOLING TOWER

TECHNICAL INFORMATION

| Model | | CT 2000 |
|---------------------------------------|-------------------|--------------------|
| Design Cooling Capacity ¹⁾ | kW | 1859 |
| Power Supply | V/Ph/Hz/PE | 400/3/50/PE |
| Power Connection | - | CEE 63A (5-pole) |
| Max. Power Consumption | kW | 31 |
| Power Protection (fuse) | A | 63 |
| Maximum Starting Current | A | 1 |
| Maximum Running Current | A | 58 |
| Maximum Air Flow | m ³ /h | 108000 |
| Minimum / Maximum Fluid Flow Rate | m ³ /h | 111 / 320 |
| Maximum Fluid Inlet Temperature | °C | 45 |
| Hydraulic Connections (Flanges) | DN / PN | 200 / 10 |
| Dimensions [LxWxH] | mm | 6605 x 2544 x 2785 |
| Transport Weight | kg | 4450 |
| Full Operational Weight | kg | 6600 |
| Forklift Pockets | | Yes |
| Built-in Pump | | No |
| Max Sound Pressure Level at 15 m | dB(A) | 65 |
| Remote Monitoring | | Yes |
| Recommended Energyst Genset size | kVA | 60 |

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 Energyst application engineer for any other operation condition

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