

FRESH AIR COOLING

CloudCooler® Nordic Grade

Nordic Data Centres

EXPLOITING FREE COOLING

Energy efficient cooling using outside air

Recently the Nordics have become an increasingly popular location for building large data centres. The key advantages of the region include the cooler climate, renewable power and industry leading connectivity. The CloudCooler® Nordic Grade has been specially designed to operate at very low temperatures and to achieve unparalleled free cooling efficiency while maintaining Class 1 ASHRAE compliant conditions. Our modular units combine ventilation, evaporative cooling and humidification to provide operators with simple cooling solutions that are easy to install, maintain and operate.



Free Cooling

In cold climates, outside air is used the majority of the time to cool the IT equipment.




Evaporative Cooling

On the hottest days, natural cooling can be used, eliminating the need for refrigeration.



Humidification

Very cold conditions can result in very low humidity, humidification options are available.



"EcoCooling were able to exceed our expectations. Not only in terms of pure efficiency, but more importantly their desire and capability to enhance their solutions to our specific use case."

Alex Chiolo - Operations Director, Hydro66



AWARD WINNING EFFICIENCY

EcoCooling can help you achieve an operating PUE of less than 1.1

The CloudCooler® Nordic grade units are designed for use in data centres located in very cold climates. Design features include components that can to operate in temperatures as low as -40C. 100% Class1 ASHRAE compliance can be achieved in low relative humidity climates by using ECT modules which have in built evaporative cooling and humidification.



ECT Evaporative Coolers

- Direct free cooling
- Supplementary evaporative cooling
- In built CREC® control system
- Electronically Commutated Fan
- In built filtration
- Humidification option
- Remote commissioning

ECV Ventilation Free Coolers

- Direct free cooling
- Automatic temperature control
- Inbuilt CREC® control system
- Electronically Commutated Fan
- In built filtration
- Plug and play solution
- Remote commissioning

Experts in ventilation and evaporative cooling

Based in the UK, EcoCooling are manufacturers and distributors of evaporative cooling and ventilation systems. Our modular, plug and play units complement rapid deployment commercial strategies while the simple maintenance, installation and commissioning makes the units ideal for remote locations. Speak to our sales and engineering team if you would like to discuss if our products align with your data centre requirements.