

Airport Cooling Project for Cool Energy

Cool Energy has successfully completed a HVAC rental project for a UK airport.

Client specifications

The client required a 700kW temporary cooling package for 40 weeks following the failure of a chiller evaporator, which also led to the whole refrigeration system becoming affected including both compressors, serving their central HVAC plant.

Low Noise Chillers

Cool Energy was able to supply **2 off 375kW low noise chillers** which supplied cool air throughout the 10-storey building.



Low noise chiller

Due to water distribution difficulties on site the chillers were connected to **300m of flexible 6" hose, supplied by Cool Energy** and built-in circulation pumps with pressurisation units, which acted independently to the incumbent cooling system.



Commenting on the installation, **Cool Energy's Rental Director, Russell Wilson** explained, "We were able to pre-plan this project over 2 weeks and design the system to meet the needs of the duty and water flow rate required."

Security

Security was a major factor for everyone involved, which included a night time crane lift and installation for our service operation.



In addition to this, we also provided low noise chillers for this customer as their administration office worked 24 hours and required an option, which was well within our capabilities.

We worked extremely hard throughout this project and it was very pleasing to receive good feedback from everyone involved."

Cool Energy operate throughout Ireland and Europe, renting air and water-cooled chillers, air blast coolers, air handling units, fan coils and air conditioners throughout the UK and Europe.

Installation equipment



Installation is provided where needed together with the supply of flexible water hoses, pipework connections, heat exchangers, power cable and generators.

Cool Energy also include **24/7 maintenance** throughout the duration of each rental project.

Cool Energy can be contacted on **0800 840 4210** or via email on **info@coolenergy.co.uk**