

Emergency Hospital Cooling

Cool Energy have managed to prevent the delay of operations at a Private Hospital in Manchester when their cooling system failed resulting in a rise in temperature throughout their building network.

Cool Energy were contacted by a facilities management partner on site and, within 5 hours, managed to deliver a single 70kW air cooled rental chiller and mobile air handling unit to the Salford location.



Externally sited temporary solution

Commenting on the emergency installation, Cool Energy's Rental Director, Russell Wilson explained, "Our out-of-hours service desk received a call from the client at 19.00hrs, this was quickly transferred to one of our local rental sales engineers who was able to determine the customers' exact requirements over the phone.

He mobilised our emergency call out team, opened our premises and alerted the drivers for our transport, which included a 30ft HIAB lorry to carry the chiller, AHU, and also 100m of 600mm flexible ducting with connections for the temporary installation.



This was loaded by 20.45hrs and then received on site by a separate installations team at 21.45hrs.

By 23.30hrs, all the temporary ductwork and chilled water connections were safely installed, filled and tested. The customer had their own internal air distribution system with air filtration specifically designed to manage their air quality needs.

HVAC System Stabilises

Once the chiller was ready for start up, the Cool Energy commissioning engineer was able to ease the system down to temperature within 1 hour and stayed with the chiller until 1.00am, ensuring that everything was working efficiently to the customer's satisfaction.

In the days following the overnight installation the client has decided to hire a second stand-by chiller to add 100% cooling contingency to their HVAC system, which is being kept in our premises ready for mobilisation."

Cool Energy, who operates throughout Ireland and Europe, rent air and water-cooled chillers, cooling towers, air blast coolers, air handling units, fan coils and air conditioners.

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

Cool Energy can be contacted on 0800 840 4210 or via email on cool.energy@icstemp.com