

Building Cooling via Fan Coil

Project

A world famous venue was experiencing ambient-related problems due to a build-up of heat in their hall and could not provide more cooling from their existing central HVAC system.



The customer's consultant called Cool Energy because they anticipated the heat would affect the audience prior to a season of major events, which were being held shortly in the summer season.

The building itself was surrounded by residential buildings and needed a system capable of managing a large heat load in a small footprint. With minimal noise it had to be remote from the hall as there was no ideal space available in the public areas.

Equipment Supplied

A 260kW chiller package with separate pump skid, 200m x 4" flexible water hose.



Cool Energy Solution

The Cool Energy rental engineer liaised with the consultant and visited site the next day to ensure that the correct connections, sufficient space and power was available.

The customer agreed to site temporary chillers on an adjacent concourse and then pipe flexible hoses through their sub-flooring system to an isolated internal fan coil.

Cool Energy delivered a 260kW cooling package to site two weeks later in a planned installation via HIAB lorry, along with four local engineers who installed the chiller packages.

A specially manufactured acoustic enclosure was built to house the Chiller package and to provide a secure location.

24-hour cover was provided throughout the rental period.



Call us free on 0800 169 3861 for an emergency visit or to order equipment fast.