

## HVAC Solution for a Clean Room

HVAC specialist, ICS Air Conditioning has completed an HVAC Chiller installation for a major coastal Hospital.

### The Project

ICS Air Conditioning were contacted by a large Mechanical Contractor to specify, design and install an HVAC system to provide cooling to one of the hospitals clean rooms. The contractor needed a reliable service and a supplier capable of meeting the project requirements whilst delivering on time and to budget.

The contractor, who specialises in hospital applications and clean rooms had designed the clean room to the hospitals needs and required the experience and expertise of ICS to complete the HVAC side of the install.

### Critical Cooling

HVAC was critical to the project as samples were to be kept in the room and incorrect temperatures could lead to future problems and inconsistencies. Due to the dependance of HVAC the hospital also needed a stand-by unit.

Working with the consultant and customer, ICS Engineer **Owen Hymers** visited the site to assess the application and recommend a suitable solution.

### Noise Limitation

With noise a major limitation in hospital HVAC cooling and the additional need for a standby unit, **Owen** recommended two **Taurus Tech 035/SSN** chiller units with treated coils, suitable for coastal insulations.



Taurus Tech 035/SSN Chiller

The Taurus Tech units are very efficient with super low noise operation. Once installed and set up as a Run/Standby chiller configuration the system had a cooling capacity of **80kW per unit**.

The installation was successful and addressed all of the applications logistical issues with minimal disruption to the hospitals daily running, the customer was very pleased with the completed project and HVAC solution provided.

### Nationwide Support

ICS offer a nationwide service for all of your process cooling and heating requirements.

To find out more about how we can help call us free on **0800 169 3861**, or contact us on one of our local office numbers below:

