



Client Norwich Medical Research, University of East Anglia

Nature of client business

Based in Norwich, Norfolk, the Norwich Medical Research University is part of a new £19m building which is managed by the University of East Anglia. The new facility focuses on finding treatments for diseases affecting ageing populations.

Scope of job

Adcock were appointed by Eyre Building Services to manage, design and install 2 close control cold rooms that maintain a temperature of +4 +/- 0.5 degree differential and 1 close control heated cold room +37 +/- 0.5 degrees.

Project Location: Norwich, Norfolk.

What the project entailed

Cold rooms are typically designed to operate at a 1-2 degree differential and in this case the cold rooms used thyristors to operate within a +/- 0.5 degree differential around the target set point. Each room has a bespoke control panel and include energy saving Searle EC evaporators. These are connected to Danfoss refrigeration condensing units and the lighting in all rooms are energy saving LED fixtures.

What we brought to the job

Adcock are experienced in the management design and build of refrigeration systems. We were given a brief specification and incorporated this into the design and scope of works. We employed a specialist contractor who listened to our requirements carefully and built the rooms with this in mind. Each cold room has a bespoke local control panel and the refrigeration equipment is manufactured by Searle and Danfoss. The systems monitor the temperature and status. In the event of a system alarm this automatically activates an alarm on the BEMS. Each refrigeration system operates with the refrigerant R407F.

Adcock have worked for Eyre Building Services for many years and have a successful working relationship.

Job Value: £40k

Timig: Work completed October 2014

Equipment installed

Searle KEC Evaporators, Danfoss OP-MPHM012SCP Condensing Units, Bespoke Control Panels with temperature and status monitoring, LED Lighting.

A neat and tidy energy efficient solution for the storage of products within a controlled environment.

Testimonial

On behalf of Eyre Group I would like to thank the whole team at Adcock Refrigeration for the installation of the new constant temperature rooms within the new laboratory wing at the Norwich Medical Research Building.

At the initial site visit they took the time to fully understand our client's requirements and found a solution that satisfied their needs and fell within our budget.

When it came to the installation of the constant temperature room, their installation engineers were able to work around a very busy construction site by starting early and working late. They liaised well with our site team and also the main contractor to ensure the work was completed on time.

Adcock were selected for the design capabilities and professional approach. We have selected Adcock for two other projects in Cambridge area based on their delivery at the Norwich Medical Research Building.

Their good work did not finish there as the post installation support was also exemplary.

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David Frisby, Operation Manger, Eyre Group