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ADCOCK

REFRIGERATION
AIR CONDITIONING

Case Study: University Technical College Norwich



Client Sotham Engineering Services

Nature of client business

UTCN purchased their new premises in mid-2013 and appointed Sotham Engineering to manage all of their M&E services. The goal of the UTCN is to provide students with the skills and qualifications to go to university or to take up skilled employment. To achieve this they wanted to provide a modern facility through which they could offer a rigorous package of academic study, practical skill development and work experience with a particular focus on the advanced engineering and energy sectors.

Scope of job

Adcock were appointed by Sotham Engineering to design and install a state of the art heating, cooling and ventilation system which was not only highly efficient but which would also allow the students to view and learn from.

Site location

UTCN,
Yarefield Park, Old Hall Road,
Norwich, NR4 6FF

Timing

Date work started: September, 2013
The project is now complete and operational.

What the project entailed

We worked closely with Sotham Engineering and the consulting engineer to deliver an energy efficient solution to the buildings heating & cooling demands. The installation was of the normal high standard from Adcock, much of which could be seen by the end users. The majority of indoor units are of a cassette style with pipe work on show. It also consisted of a service corridor where all air conditioning pipe work was visible through classroom inspection windows or if the engineering students wanted to they could walk down the service corridor for a closer look! We had to adhere to all Kier Builders H&S policies and maintain a safe working environment at all times.

Equipment installed

Our in-house CAD department produced detailed system plans and a comprehensive Operation & Maintenance manual.

The installation included a Toshiba R410A 2 pipe heat pump and Toshiba R410A 3 pipe heat recovery VRF air conditioning systems ranging from 22 to 40Kw. We also installed a stand-alone Toshiba split system in the server room.

What Adcock brought to the job

Adcock designed, project managed, installed and commissioned heat pump and heat recovery air conditioning in to the building. Adcock were the first trade on site to hand over fully functional equipment and a comprehensive Operation & Maintenance manual.

Testimonial

Adcock have worked successfully with Sotham on a number of projects. Working closely with us, Adcock provided a neat and efficient solution for the building which also enables the students to look and learn. We look forward to working together in the future.

ANDY BETTS, DIVISIONAL DIRECTOR

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