



Case Study

University Hospital Lewisham



PROJECT DETAILS

Job Type - New Product

Sector - Healthcare

End User - University Hospital Lewisham

Client - Morgan Clark (M&E Contractor)

Region - London (England)

Summary - Manufactured a new HTM03-01 compliant air handling unit (AHU) for the endoscopy suite at University Hospital Lewisham.

PROJECT OVERVIEW

We were initially approached by the Consultant (CPW) and later by the M&E Contractor (Morgan Clark) to manufacture a bespoke AHU to replace ageing equipment that served the endoscopy suite at this prestigious teaching hospital in London. The task was to deliver a solution that would not infringe on the existing services on the roof, was compliant with HTM03-01 and could provide humidity-controlled air to the space ensuring patient comfort during endoscopy procedures at this NHS trust.

PROJECT CHALLENGES

- Spatial Restrictions** - We had to consider a number of spatial restrictions when selecting the unit due to the roof space being compact at the hospital. Working with the Consultant we were able to tailor a solution around the requirements of the NHS trust, which meant limiting the length of the AHU to ensure no modifications needed to be made to site.
- Design Changes** - During the design phase of the project the airflow requirements were increased by the Consultant, but we were able to accommodate the changes without impacting the delivery of the project.

VES IMPACT

- Project Success** - Despite the above challenges, we successfully completed this project to a high standard, met the requirements set out by both the customer and NHS trust and abided by all project deadlines. We were also able to align with the client's delivery requirements at a weekend to co-ordinate with a pre-arranged crane lift. The quality of our communication and project delivery for this job has resulted in us securing future work with Morgan Clark (and we look forward to continuing our partnership with them).
- Advisory** - Due to the restrictions on-site, a fully compliant HTM03-01 'picture perfect' AHU was unfortunately out of question. Through working closely prior to manufacture with both the NHS trust and Consultant, we were able to advise and share our expertise on how to create a working practical solution that improves compliancy with important HTM03-01 guidance, but with some derogations to accommodate this real life scenario.

TESTIMONIAL

"I would just like to say how happy we are with the service we have received from both Ben and VES as a company. You have made the project a lot easier than we expected and we thank you for your help as well on our previous project at Basildon Hospital. You provided very precise information and delivery dates were met every time. We look forward to working with you again in the future."

Sean Clark, Managing Director



PROJECT IMAGERY

