

# **GLENFIELD HOSPITAL**

**University Hospitals of Leicester NHS Trust**

## **PROJECT PROFILE**





## THE PLACE:

Glenfield Hospital is part of the University Hospitals of Leicester NHS Trust and had a requirement to develop their existing site to create a **new renal ward**, integral to the trusts wider plans to develop the city's hospitals. A **modular** 'off-site' solution was to be cited **on top** of the current hospital consisting of a 12 bed Renal Transplant Unit (RTU) and Hepato Pancreto Biliary wards (HPB). The HPB consists of a 24 bed emergency admissions unit (EAU) and 28 bed Elective Care Unit (ECU). It also encompasses a nurse base serving each ward, toilets, patient shower rooms and ancillary accommodation.







## THE PROJECT:

Mansfield Pollard were engaged to provide **five** air handling units to **HTM 03-01** specification to serve all areas of the new modular hospital suite to be housed on two purpose built, second floor plant rooms.

In addition, a fully **HTM 08-01** compliant **attenuation** package was to be installed via our in-house specialist team to ensure the noise specification levels did not exceed **NR30**. Up to 9m in length, each unit was to be craned and assembled on site. Full on-site pressure testing was required to achieve HTM 03-01 stipulated casing **air leakage** of a **minimum L2** levels.




## THE HIGHLIGHTS:

-  **x5 HTM 03-01** & Eco-design directive 2009/125/EC compliant air handling units.
-  **HTM 08-01** compliant custom designed **attenuation package** reducing noise levels to **NR30** inside the hospital suite.
-  Fully assembled and **leak tested on-site** to a minimum of L2 levels as per BS EN 1886:2007.
-  Designed, manufactured, delivered, assembled, tested and commissioned by Mansfield Pollard in just **8 weeks**.



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