

LUTON & DUNSTABLE UNIVERSITY HOSPITAL

HTM 03-01 AIR HANDLING UNITS



“ Thank you for your proactiveness at Luton & Dunstable Hospital. Your efforts were much appreciated from the team for the quick turnaround. ”

Yousaf Ilyas - Project Engineer
MTX Contracts Ltd.

CHALLENGES:

To provide three **HTM-03-01 compliant** air handling units manufactured, delivered and commissioned within a **five week timescale**.

The units were required to service a purpose built two storey modular building which comprised of **twin theatres**, scrubs, anaesthetics, recovery, consulting and waiting areas with the **first floor** dedicated to the buildings **plantroom**.

Two units supplied the operating theatres & the remaining unit served the recovery & area necessitating **ErP** and **HTM 03-01** compliance.

OUR SOLUTION:

Our **flexible workforce and premises** allowed all the units to be built simultaneously by employing adaptive shifts. A **modular build construction** allowed individual sections to be easily transported via two articulated lorries and **assembled on site**.

A specially constructed **reinforced scaffold platform** was secured to allow the individual sections to be crane lifted and **air skated** into position.

All on-site installation and leakage testing was undertaken by Mansfield Pollard's experienced site team and completed a **day ahead of schedule**.

 **FULLY HTM 03-01 & ECO-DESIGN DIRECTIVE 2009/125/EC COMPLIANT**

 **5 WEEK DELIVERY FROM DRAWING APPROVAL**


 **LEAK TESTED ON-SITE TO L2 AS PER BS EN 1886**


 **100% ON-TIME & ON BUDGET**



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AIR HANDLING