AirCraft
Air Handling







PROJECT CASE STUDY

AHU FOR A GREATER LONDON HOSPITAL

A vertical HTM-03.01 (2021) AHU for a Greater London Hospital.

AirCraft Air Handling were recently approached by an NHS Trust responsible for one of London's larger hospitals. We were asked to conduct a site survey to help with planning and the design and installation of an external weatherproof vertical cabinet HTM-03.01 air handling unit. The unit measured approximately 4 metres high, 3.6 metres wide and 2 metres deep, including a fully illuminated service corridor of 1.2 metres.

Due to strict site access restrictions, we worked closely with the Trust's M&E contractor to ensure seamless project delivery, including integration with existing pipework and ducting.

Manufacturing & Assembly

We designed and manufactured the unit at our premises in Stafford. Upon completion of the factory build, the AHU was disassembled and delivered to the site in flat-pack form for final reassembly by Aircraft Air Handling's installation engineers. After pressure testing to conform with the hospital requirements, we issued certificates and handed the new AHU over to the Trust's M&E contractor for final commissioning.

This project demonstrates AirCraft Air Handling's specialist expertise in designing and manufacturing fully compliant HTM-03.01 (2021) AHUs.

Our standard delivery turnaround from initial order to final on-site assembly for units of this type is 8 to 10 weeks.

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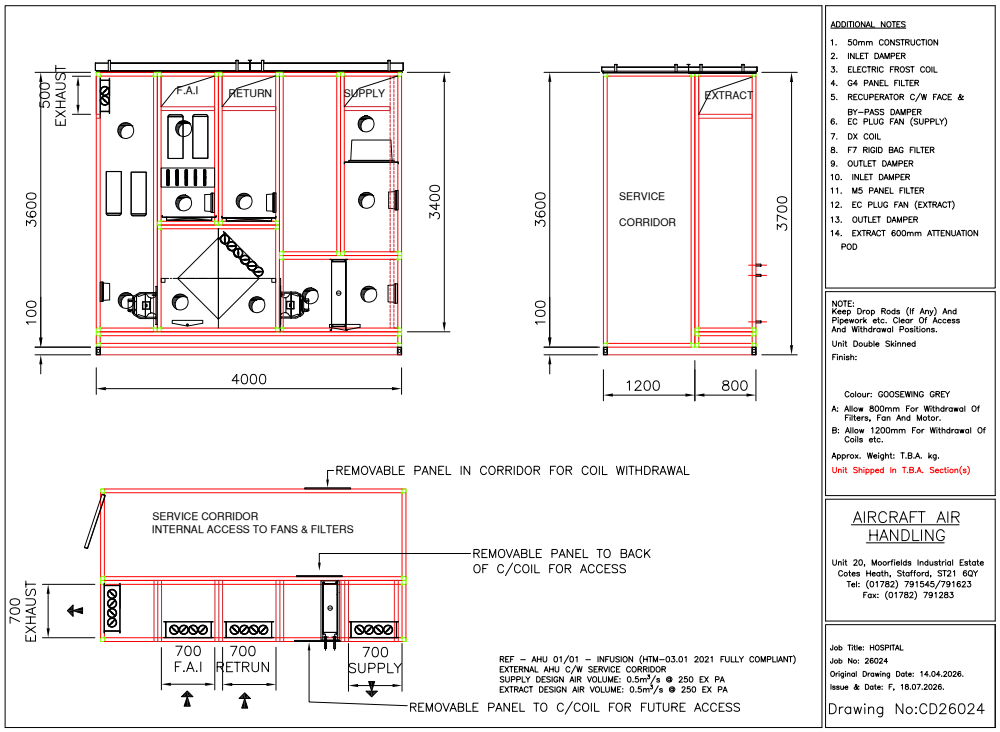




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ADDITIONAL NOTES

1. 50mm CONSTRUCTION
2. INLET DAMPER
3. ELECTRIC FROST COIL
4. G4 PANEL FILTER
5. RECUPERATOR C/W FACE & BY-PASS DAMPER
6. EC PLUG FAN (SUPPLY)
7. DX COIL
8. F7 RIGID BAG FILTER
9. OUTLET DAMPER
10. INLET DAMPER
11. M5 PANEL FILTER
12. EC PLUG FAN (EXTRACT)
13. OUTLET DAMPER
14. EXTRACT 600mm ATTENUATION POD

NOTE:
Keep Drop Rods (If Any) And Pipework etc. Clear Of Access And Withdrawal Positions.

Unit Double Skinned

Finish:

Colour: GOOSEWING GREY

A: Allow 800mm For Withdrawal Of Filters, Fan And Motor.

B: Allow 1200mm For Withdrawal Of Coils etc.

Approx. Weight: T.B.A. kg.

Unit Shipped In T.B.A. Section(s)

AIRCRAFT AIR HANDLING

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Job Title: HOSPITAL
Job No: 26024
Original Drawing Date: 14.04.2026.
Issue & Date: F, 18.07.2026.

Drawing No:CD26024

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