Small Works & Repairs Brochure

Overview

Not every AHU project requires a full refurbishment or replacement. AHS Specialist Services delivers a range of targeted repair, replacement, and upgrade works designed to restore performance, improve reliability, and extend the operational life of existing ventilation systems.

From emergency fan failures and reactive repairs to planned coil replacement projects and remedial works identified through condition surveys, our team provides practical solutions tailored to the requirements of each installation. Working across healthcare, commercial offices, retail, education, and industrial environments, we help clients maintain operational continuity while addressing ageing equipment and system deficiencies.



Typical Small Works & Repairs

- Emergency fan and motor replacement
- Heating, cooling and frost coil replacement
- Damper and actuator replacement
- AHU controls modifications
- Filter and access panel replacement
- Corrosion repairs and remedial works
- AHU upgrades identified through condition surveys

Contact us

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Sectors

- Healthcare
- Commercial offices
- Retail
- Education
- Industrial

Example Project

Rapid Response EC Fan Replacement

Healthcare Environment

Following the failure of a belt-driven fan within a critical ventilation system, AHS Specialist Services were contacted to provide an urgent replacement solution.

Following a site assessment, we designed a replacement arrangement using a high-efficiency EC fan, removing the existing belt-driven fan and motor assembly and modifying the AHU fan section to suit the new configuration. The works included new stainless-steel flooring, a replacement access door, local speed control, electrical modifications, and installation of the new EC fan.

Project Highlights

- Enquiry received on 15 January
- Quotation issued within 24 hours
- Materials procured and delivered within one week
- Existing failed fan removed
- New EC fan installed and operational within 8 days of enquiry
- Improved energy efficiency and reduced maintenance requirements through elimination of belts and pulleys

Before Upgrade



Post Upgrade



Example Project

Turnkey Frost Coil Replacement



Education Environment

Following the failure of a frost coil serving a roof-mounted AHU, AHS Specialist Services were engaged to provide a complete turnkey replacement solution. The existing coil had failed due to freezing during a period of cold weather, requiring replacement to restore the AHU to operation.

Following an initial technical survey, AHS Specialist Services managed the project from measurement and manufacture through to installation and recommissioning. The works included isolation and disconnection of pipework, removal of the existing coil, modification of the AHU casework to suit the new arrangement, installation of the replacement frost coil, reconnection of associated pipework, and reinstatement of insulation.

Project Highlights

- Technical survey and measurement of replacement coil
- Manufacture of replacement frost coil
- Modification of existing AHU casework
- Removal of failed coil
- Installation and reconnection of replacement coil
- Reinstatement of associated insulation
- Turnkey delivery from survey through to installation

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Before Upgrade



Post Upgrade



Practical Solutions for Existing AHUs

From emergency breakdowns to turnkey replacement projects, we help clients restore performance, improve reliability, and extend equipment life expectancy.

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