



... solutions for HVAC problems

Refurbishment of ventilation equipment

Site surveys and reports

Acoustic problems

Flat pack installations

Commissioning

Refrigeration and wiring work

Ventilation systems

Kitchen ventilation upgrades



... a valuable resource

Specialist Site Services is a division of VES Andover, the leading manufacturer of air handling units and ventilation products. From this background SSS have gained the wealth of knowledge and expertise to offer the following services.

Refurbishment

Ventilation equipment deteriorates with time and will eventually fail. Coils become blocked, filter frames and dampers seize up, the bottom of air handling units can rust out. We will undertake the refurbishment and upgrade of any make of air handling unit or ventilation plant. This will extend the life of the equipment, reduce maintenance and running costs, giving old equipment a new lease of life. This will be at less cost and upheaval than would be the case with complete unit replacement. In addition, cooling coils, condensers, humidifiers, silencers can be added to existing units.

The **energy efficiency** of existing equipment can be much improved with the installation of EFF 1 motors, inverters to fan drives and demand ventilation controls.

Refurbishment work is planned to cause **minimum disruption**, and strictly comply with all safety and quality legislative requirements.



Site Surveys and Reports

A professional assessment of the status of a ventilation system is often the starting point for a refurbishment project. It will take into account the customers objectives regarding lifespan, energy efficiency and upgrading requirements. This will include condition report for plant and ductwork, controls, hazards, with recommendations and costs.

Noise Problems

If you have noisy equipment on site, we can assess the problem and offer practical solutions. Noise problems often occur when plant is located near to residences.



Noisy ventilation and air conditioning equipment can be silenced with silencers, enclosures, hoods, screens etc without affecting the performance of the item causing the problem.

Flat Pack AHU Installation

Flat pack installation of air handling units and other VES products can save on builders work costs, crane hire, road closure, and is ideal when access is restricted into the plant area. VES will take full responsibility for the assembly of the equipment, and any other work specified to be done.

Experts in Kitchen Ventilation

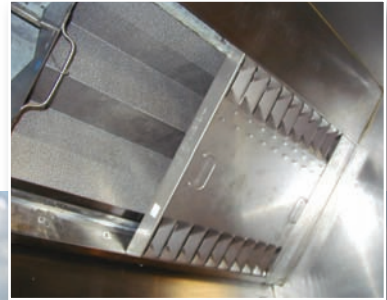
- Kitchen canopies built and installed.
- Existing systems extended including ductwork.
- Grease Grabber high efficiency filters supplied and installed.
- New 'Centrifume' and 'Workhorse' fans fitted. These fans are designed for high temperature polluted air.
- BS 6173 control panels for use with gas appliances manufactured and installed.
- Odour control including carbon filters, electro-static, deodorizing treatments.
- Duct cleaning – full hygiene certification supplied.
- Cleanable silencers installed.



Workhorse fan with inverter control



Kitchen hood with Grease Grabbers



Grease Grabbers

Site Services Office

A team of 25 people is involved in the surveys, design work, planning, manufacturing and installation of Specialist Site Services projects.



Specialist Site Services

A wide range of other building services are available:

- Post install checks, commissioning of systems, inter-connecting control panel wiring, client demo's.
- Asbestos testing and removal.
- Ripping out and disposal of old plant.
- Craneage and specialist transportation.
- Insulation of ductwork and pipework.
- Refrigeration pipework.
- Routine maintenance and service work, including gas burner servicing.

Specialist Site Services willingly undertake small jobs, for example replacing an unsuitable noisy extract fan with a silenced one, or straight forward replacement of defunct equipment. Specialist Site Services work with building services contractors, design consultants, architects, end users, and in partnership with all trades. As with the rest of VES, Specialist Site Services operates under a BSI registered and approved ISO 9001 quality system.

Northern Office and Engineering Centre

To provide the best possible service in the North of England, Specialist Site Services have a regional centre at Trafford Park, Manchester. The team includes Sales and Project engineers, site fitters and electricians. VES warranty work in the North and Scotland is also undertaken by engineers based at the centre.





Hastings Pier

VES supplied a package of equipment including eight air handling units plus DX condensing units. SSS provided a complete maintenance service including air conditioning, gas and mechanical work.



AA Building, Basingstoke

From the large 10th floor plantroom, SSS removed the old ventilation equipment, and undertook the asbestos removal. A new 12.0 m³/sec air handling unit was then flat pack installed, and electrical, hot water, chilled water services re-connected. This was a tight programme over a bank holiday and included 24 hour shift working. We also replaced the other smaller air handling units on each floor while the occupants of the building were working.



Hyde Park Barracks

SSS assisted the main contractor in the installation of ten large air handling units. These were sectional or flat packed into tight locations.



British Telecom Tower

Working on the 37th floor and base level, SSS stripped out redundant equipment and fitted new air handling units, plus acoustic treatment to meet stringent noise criteria. SSS undertook the acoustic survey with noise measurements, and provided craneage at the lower level installation.



RNAS Culdrose

SSS refurbished an existing air handling unit, fitted a new ahu on top, and provided ductwork connections.



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