



*VES provides ventilation solutions for  
public, commercial and industrial buildings*



# VES - delivering HVAC products, services and solutions

- complete range of products
- bespoke solutions
- superb customer service
- wide range of experience and expertise



BT Tower:  
Ventilation and cooling powered by VES. A 38th floor kitchen extract system, with high and low level refrigeration units, was also installed.



Beetham Tower, Manchester:  
Ecovent NRG units with plugfans were supplied and installed to the Architect's penthouse suite.

## Why choose VES

VES have been supplying products for the HVAC industry for over 40 years, and have the in-depth knowledge and resources to provide solutions to all ventilation related requirements. We are a substantial British manufacturing company with over 250 employees, several factories plus a regional base in the north of England, and sales engineers located throughout the UK. VES has over 12000m<sup>2</sup> of manufacturing and stores space, and has state of the art sheet metalworking equipment, plus a large powder coating plant.

## Complete range of products

The product range encompasses all types of ventilation products, including those required for commercial, industrial, public and domestic buildings. The emphasis is on low energy products and sophisticated controls to meet the requirements of the Building Regulations. The range extends from a small bathroom extract fan up to a mighty central

station air handling unit. There are specialist heat recovery units, high temperature fans for kitchen hood extract; duct, wall, ceiling and roof units; low noise products and silencers; fitted controls.

## Bespoke solutions

VES specialise in bespoke designs for ventilation units, and whatever the issue, be it space, noise, temperature etc, can provide a design solution to meet the requirements of the project.

## Superior customer service

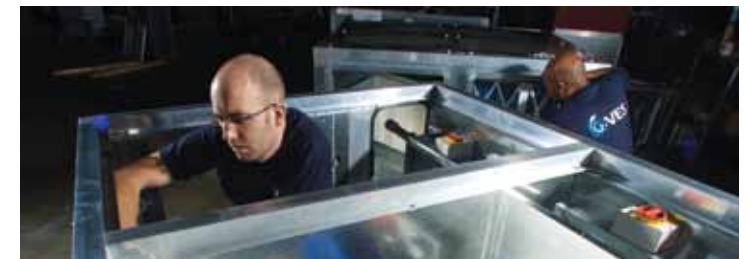
From the moment we receive your enquiry to delivery and beyond, we have the people in place to give excellent customer service. VES Care, the after sales service, covers the whole of the UK and is among the best in the industry.

## Experience and expertise

VES employ a range of experts in disciplines including air movement, noise control, air conditioning, controls, electrics and product refurbishment, and we have key staff who have worked at VES for many years. VES also has a substantial controls department, and makes components such as dampers and electric heaters in-house. This not only provides employment for local people, but also many suppliers around the UK.

***"Our staff are here to help;  
to make a real difference to your business and the  
quality of service and products we provide. We look  
forward to working with all of our customers to help  
them achieve their aims."***

*John Peters - Managing Director*





# Innovative HVAC solutions

## Solutions for:

- leisure
- retail
- industrial
- catering
- education
- healthcare
- residential



Newport High School  
VES supplied AHUs, Extract Fans, Twin  
Fans and Roof Units to the  
High School.



Twin and extract  
fans supplied to  
Emirates Stadium

**VES create innovative HVAC solutions across a wide range of projects and market sectors.**

## Solving problems including:

- General ventilation and air-conditioning of offices, leisure and retail applications
- Specialist ventilation applications, such as swimming pools, commercial kitchens and hospital operating theatres
- Noisy units impacting on workers, customers or residents
- Process ventilation/air-conditioning applications where you require very close temperature and humidity tolerances
- Improving air quality, where pollutants, odours or particles are causing issues
- Flatpacking units for tight and difficult to access spaces
- Improving the performance of existing or older units
- Rescuing and revitalising units destined for the scrap heap

## Regulations

We help our customers meet and exceed their obligations under current regulations. As installation and energy management requirements get ever more stringent, so we help ensure that our installations are best placed to minimise any impact that new regulations may have. This is achieved through a combination of excellent build quality, high performance and accurate controls.

## Problems and issues

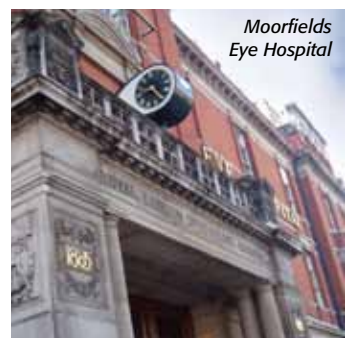
From noise control to energy issues VES can provide a range of solutions to improve your building environment and equipment performance.

***“The Le Gavroche restaurant and kitchens have not been this well ventilated and air conditioned for a very long time! I would highly recommend VES to other establishments looking for excellent maintenance and support.”***

*Michel Roux Jnr, Head Chef*



Michel Roux Jr  
Head Chef  
Le Gavroche



Moorfields  
Eye Hospital



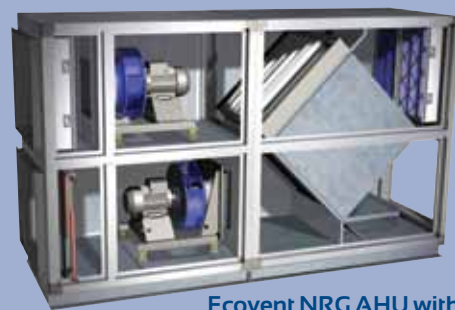
Blue Lagoon





# Products and services from the complete range of VES HVAC solutions

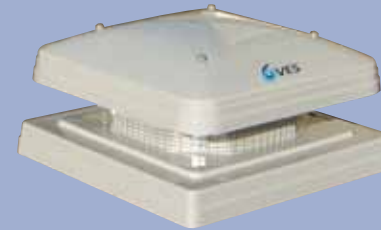
- air handling units and heat recovery
- extract fans and twin fans
- axial and plate fans
- roof units
- wall and ceiling fans
- domestic fans
- high temperature extract fans
- electric heater batteries
- control panels and fan speed controllers
- silencers



Ecovent NRG AHU with Heat Recovery



Ecobox Heat Recovery Unit



Skypod Roof Extract Unit



Polo Domestic Fan



Centrifume High Temperature Extract Fan



SAM Air Handling Unit



Low profile Ecovent NRG P



Colourfan Supply Unit



Limpet Ceiling Extract Fans



T-Line Kitchen Extract Fan



Heatline Electric Heater Battery



Round Fans

**Whatever your HVAC requirement, we can meet it, drawing on our comprehensive product range, specialist site services for on-site problem-solving and VES Direct for fast delivery and great value.**

## Heat Recovery

- Heat recovery
- Crossflow plate heat exchangers, thermal wheel, run-around coils

## Supply and extract fans including:

### Air Handling Units

- Supply and extract, combined or separate
- Plantroom or weatherproof, flat or stacked
- Fitted silencers, fitted inverters and controls
- Matching DX condensing units
- Various case constructions including EN 1886 certified units

### Duct Fans

- In-line centrifugal, with forward or backward curved impellers
- Round fans, axial and mixed flow fans
- Fitted silencers available on all units
- Manual and automatic speed controllers available

### Twin Fans

- For ceiling void, plantroom, and weatherproof
- Many models and configurations
- Fitted auto-changeover system

## Roof Extract Fans

- Three ranges for volume and pressure
- Curb and soaker sheet bases

## Wall and Ceiling Fans

- All types for commercial, industrial and domestic premises

## Domestic Fans

- For domestic and light commercial applications

## Kitchen Hood Extract Fans

- Heavy duty high temperature fans for hot greasy air
- Motors out of airstream
- Single inlet fans, in-line and vertical jet roof units

## Controls

- Off-the-shelf and built to order
- Air quality sensors and energy savers
- Intelligent control software
- A range of remotes including touch screen
- Wide range of control panels including fan speed controllers
- Economical, easy to install and built to the highest industry standards

## Auxiliary products including:

### Noise Control

- Matching silencers available for all ventilation
- Silencers designed to meet noise criteria
- Cleanable silencers
- Weatherproof silencers

### Electric Heater Batteries

- Stab-in, duct mounting and built-in controls

## Specialist Site Services

- Plant refurbishment
- Energy saving upgrades
- Noise reduction
- Site surveys
- Kitchen ventilation
- AHU flat pack installation
- Maintenance
- Specialist Spares



Axial Fans



Controls



Silencers



# VES Controls - performance requires control

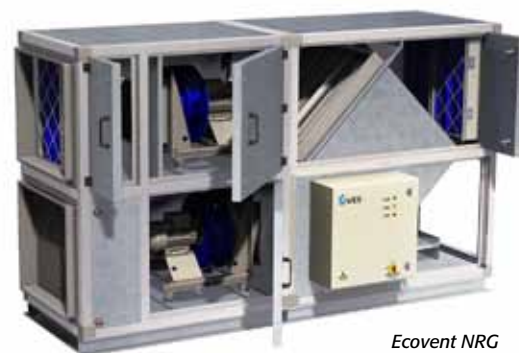
## Controls Solutions

- standard ranges
- bespoke builds
- factory fitted
- local and total control
- demand ventilation
- energy saving
- installation



Diamond Light - Abingdon:  
VES supply fan coil units and controls  
with the ability to close control  
temperature within 0.1 of a degree

**VES manufactures a wide range of controls panels for HVAC systems and related industries, built to the highest standards with applications to suit all budgets.**



Ecovent NRG



Controls Solutions



## VES Controls offer a complete solution:

- Wide range of solutions from entry level to powerful digital controls
- Bespoke controls for special applications
- Flexible standard designs
- Sold separately or factory fitted and pre-wired by VES
- Excellent value and performance

## Solutions

VES provide complete control solutions for ventilation equipment, these flexible solutions are available as compact standards or specialised customised solutions.

VES have expertise in temperature, heating and cooling recovery, humidity and pressure solutions. This covers individual rooms to overall building control.

We can provide demand based ventilation, incorporating CO<sub>2</sub>, occupancy and control optimisation, to maximise energy savings.

We also provide standalone systems to fully integrate into Building Management Systems on a variety of communication protocols.



VOC/CO<sub>2</sub> Air  
Quality Sensor

## BlueSense

BlueSense provides the answer to the issues you are faced with today. With controls at its heart it draws on the very best in technology, products and expertise to provide a range of solutions, all of which will go a long way towards helping you meet your regulatory and environmental commitments. Use BlueSense to achieve your project requirements whilst promoting your commitment to best practice and sustainability.

## Features

- Intelligent controls technology
- Meet energy reduction commitments whilst saving money
- Optimises performance and life expectancy
- Features controls at its heart, providing intelligent building solutions and short term capital expenditure payback



Control Panel and touch screen remote



Control Panel with interface to  
gas interlock



# Bespoke solutions to meet your individual requirements

- flexible and innovative bespoke solutions
- energy efficient
- low cost
- made to your precise requirements
- integrated controls
- installation and commissioning



**One of the great strengths of VES is its ability to design and build non-standard equipment to suit customers requirements in a reasonable timescale and at a competitive price.**



Bespoke MAX Bespoke AHU



As well as offering an enormous range of standard products VES are able to build bespoke air handling units. These answer the unique requirements of each application and individual projects. Units can be adapted for higher specifications e.g. minimising noise breakout or for architectural aesthetics. Bespoke units can also address challenging locations and critical applications such as hospitals, food production, and clean rooms. For example one of our units is installed at the British Antarctic Survey!

The VES production facility is well equipped to build bespoke units and we are used to sourcing and building in items such as gas burners and condensers. Our ability to build and integrate controls also enables us to help with energy efficiency savings and reduction of 'carbon footprint'. Our controls can be pre-installed and offer precise control of temperature, humidity, pressure and filtration requirements. With VES you really get the full package without needing to mix and match suppliers.

## Going bespoke

When requesting a bespoke unit we will listen and recommend the best configuration, or even suggest a different approach if appropriate, that may save you on cost or deliver better performance. Our standard product brochures and O&Ms are a good starting point but bear in mind that anything is possible. We will rapidly provide costs and specifications for you to approve, then work with you to refine any elements to your exact requirements. Production and timescales will be agreed and you will be updated as the unit progresses to delivery.

## VES Bespoke features:

- Expert help and assistance from purchase to delivery
- Controls expertise and manufacture
- Comprehensive technical literature
- Capable and versatile production facility
- Tried and tested bespoke build processes
- High quality and reliable
- A can do attitude

**Anything is possible. Try our Bespoke service for size!**





# VES Specialist Site Services

- plant refurbishment
- energy saving upgrades
- noise reduction
- site surveys
- kitchen ventilation
- AHU flat pack installation
- maintenance
- spares



**VES operates a Specialist Site Services division, who are market leaders in the repair or refurbishment of any make or model of air handling, air conditioning and ventilation equipment.**

*In one year VES has saved a major British PLC £2M by refurbishing their existing HVAC plant.*

## Services we offer that save you money:

### Repair and refurbishment

We refurbish and upgrade old, existing ventilation plant and systems; retrofit cooling coils, silencers etc.; repair systems that no longer work or function poorly; flat pack install new ventilation equipment in difficult locations

### The complete kitchen ventilation solution

Kitchen extract ventilation is now a crucial part of any restaurant that cooks with gas, because if the ventilation ever fails you have to stop cooking. We can protect this vital asset for you.

We can solve restaurant and kitchen ventilation issues, including odours and fumes.

We can also manufacture canopies for every application, complete with baffle or our own unique, high efficiency Grease Grabber filters, plus lighting, stainless steel cladding and fire suppression as required.

### Maintain, extend and save

VES offer regular maintenance contracts for specialist air handling equipment - essential with critical plant such as hospitals or kitchens. A free extended warranty is offered if a maintenance agreement is taken out at the same time.

## Solving noise issues

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.

### 100% Reuse

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. VES can undertake the refurbishment and upgrade of any make or model of air handling unit or ventilation plant.

This will not only extend the life of the equipment but also 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.

The energy efficiency of existing equipment can be much improved and refurbishment work is planned to cause minimum disruption, and strictly comply with all safety and quality legislative requirements.



### Before...



### After...



Failed and tired units



Refurbished and repaired units - good as new and saving money



# Doing business with VES

# VES Care

- regional sales engineers
- dedicated sales team
- technical support
- buy online
- specialist site services
- comprehensive aftercare



*The hotline to buy your VES products. VES Direct offers direct from the factory special offers and rapid nationwide delivery.*

Doing business with VES could not be easier. From product knowledge through purchasing to aftercare, VES supports you 100%.

## Technical support

VES has its own technical support and customer services team on: **08448 15 60 60**

## Knowledge and specifications

Consultants and contractors can access an online library of well designed brochures, catalogues, O&Ms and technical data at **[www.ves.co.uk](http://www.ves.co.uk)**

## VES Direct

Many VES customers are finding VES Direct the convenient and fast way to get their favourite VES products:

**[www.vesdirect.co.uk](http://www.vesdirect.co.uk)**

Direct from the factory prices, amazing offers, rapid nationwide delivery and valuable rewards make this one of the best ways to get your hands on a deal.

Visit [www.vesdirect.co.uk](http://www.vesdirect.co.uk) for the latest bargains, clearance items and a guaranteed minimum 10% discount on orders. Sign up and you will receive your VES Direct catalogue and be automatically eligible for our popular reward programme.

**Save time, money and hassle – visit [www.vesdirect.co.uk](http://www.vesdirect.co.uk)**

*Your purchase is worth protecting with the very best care and cover.*

## VES Care

The equipment you source from VES has been designed for a long and trouble free life.

A VES Warranty is FREE for the first year, providing free cover for parts and labour. Extended Warranties are available on most of our products for just a small investment.

VES Care provides you with peace of mind whilst ensuring your VES unit is enjoying optimal performance. From initial Post Install Checks and ongoing parts and labour support to regular Maintenance Agreements, VES will be there with you. Our VES Care solutions include some great additional benefits, whilst saving you money over the lifetime of your unit.

**Contact VES Customer Services on 08448 15 60 60 today to find out how we can help.**







**VES**

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