



Working behind the scenes



Supplying the complete package



## John Peters, Managing Director

*"VES has enjoyed 40 years of steady growth since my father started the business in 1968, and we now employ over 200 people.*

*Our head office is situated in Chandlers Ford, Hampshire. We also have a factory in Eastleigh and regional office in Manchester.*

*To stay successful we strive to be a good company to do business with, to invest in our employees, develop new and innovative products, and give excellent service to our customers. We place great value on long term partnerships in all areas.*

*This brochure shows just what we can do for you."*



*Drawing Office*



*Sheet Metal Shop*



*Assembly*



*Reception*



*AHU Refurbishment*



*Controls Department*



*The Staff*



## Steve Birks, Sales Director

*"The VES catalogue is regarded as one of the best in the industry for product selection. Add to that our price list and web-site, and everything is at your fingertips.*

*We design and manufacture our own products, giving us great flexibility in meeting customer requirements.*

*We pride ourselves on the short delivery periods we can offer, even on special units. The Fast Track delivery service is now available on a wide range of standard products.*

*Don't forget we have a large Sales Department at HQ plus regional sales engineers throughout the UK available to advise and assist."*

# Heat Recovery Air Handling Units including Ecovent Plus

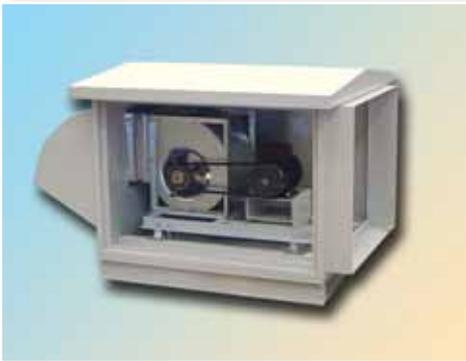
VES manufacture the most comprehensive range of heat recovery air handling units available in the UK today.

There is a unit for every project, whether mounted in a ceiling void, plantroom or outside; available flat or stacked, with fitted or remote controls.

Here are some of the benefits we provide:

- Maintenance free plate heat exchangers, these have no cross contamination between supply and extract airstreams, and have an efficiency of between 50 and 70% for heat or cold recovery.
- All units with plate heat exchangers except the very shallow units have a face and bypass damper system, which is automatically adjusted by the control system for heat recovery, free cooling or cooling recovery.
- Many units are supplied prewired with fitted controls. The Ecovent Plus control system has a remote wall mounting controller with visual display and easy adjustments. VES can supply control systems to any level of sophistication, including plug and play.
- The case construction is double skinned or thermal/ acoustically lined. This can be upgraded for particularly noise sensitive locations.
- The VES weatherproof units have pitched roof, inlet/outlet cowls, and are powder coated for long corrosion free life.
- Cooling coils have boxed and insulated cases with built-in moisture eliminators as standard.
- All combined supply and extract units have filters to exhaust side inlet, to minimise maintenance of the unit.
- Other options include fitted silencers, special finishes, run and standby extract fans, heat pump coils.

Call our Sales Office to discuss your requirements.  
VES can comply with most specification requirements.





*Airline - supply and extract units for ceiling voids everywhere*



*Sensaire - the L2 compliant air handler*

# The VES Ventil

VES are justly proud of the wide range of products they have developed over the past 40 years.

Every product range has a comprehensive, easy to read leaflet, with full information on performance, electrics, controls, noise levels, and dimensions. Many leaflets have the SFP (specific fan power) published at each duty point.

## Small air handling units

Four product ranges - Sensaire, Sam, Airline and Weathermaster - all with distinct advantages to cover every application.

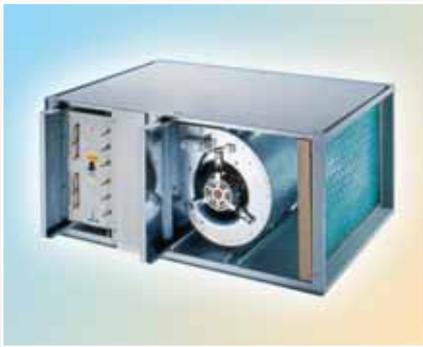
- Shallow units for ceiling voids
- Powerful fans for higher resistance systems
- Fully L2 compliant units
- Fitted or remote controls systems
- Weatherproof construction
- Options including cooling coils and high efficiency filters



*FLO<sub>2</sub> and Twinimum - twin fans with the superb AF500 auto changeover system*

## Extract fan units

- Rex duct mounting fans
- Myflo mixed flow fan units in plantroom or weatherproof case
- Round fans - 100 to 315mm diameter
- Limpet ceiling fans - very quiet yet with a good performance range
- Airbeam plate axial fans
- Breeze wall fans



*Sam - the nation's favourite small air handler*

**Everything** is on  
Check



*Weathermaster - corrosion proof supply and extract units*



*Centrifume - specialist kitchen extract fans*



Skypod and Centrette -  
roof extract units



Rex, Limpet, Breeze, Round Fans and  
Myflo - an extract fan for every application

# ation Products

## Roof extract units

- Low silhouette or vertical jet outlet
- Centrifugal or plate axial fans
- 4, 6 and 8 pole motors for high performance or low noise options
- Curb mounting or soaker sheet bases with purlin boxes
- Fitted local isolators, bird guards, backdraught shutters, lifting eyes.

## Kitchen extract fans

- High temperature, high pressure fans for arduous environments
- Heavy duty for long reliable life
- Duct mounting or weatherproof construction

## Twin fan units

- Ceiling void, plantroom or weatherproof construction
- Huge duty range
- AF 500 autochangeover system

## Other products

- Hushvent warm air recirculation units with rapid payback
- Transfan – transfers air from ceiling void to occupied space without ductwork
- Silencers – all types and sizes, including cleanable
- Speed controllers, energy savers, manometers, PIR and air quality sensors.



Silencers - rectangular, round,  
bend, cleanable



Hushvent - warm air reclaim units

[www.ves.co.uk](http://www.ves.co.uk)

it out.



Workhorse - heavy duty  
extract fans



Airbeam - plate axial fans

# Specialist Site Services



Tom Sands, Director

*"We have established a team of people with expertise in a wide range of disciplines to solve HVAC problems. This can be a valuable resource to designer, contractor and end user."*

## Refurbishment

Much of the ventilation equipment installed over the last 50 years is in need of modernisation. Refurbishment gives plant a new lease of life, and at the same time the opportunity to add energy saving measures to reduce running costs and carbon output.



New Look, Aberdeen - Before



New Look, Aberdeen - After

## Site Surveys

This will be a professional assessment of the condition of a ventilation system, including the ductwork and controls, and take into account the objectives of lifespan, energy efficiency and upgrading requirements. The report will include recommendations and costs.

## Noise Problems

Specialist Site Services also solve noise problems. These often occur when new ventilation equipment is installed near to residences. We have a range of solutions which can be installed without effecting the performance of the item causing the problem.



Central Hall, London

## Flat Pack Installation

Flat pack installation of air handling units and other ventilation equipment is a real benefit when access is restricted into a plant area. It can also save on builders work, crane hire, road closure, and can be done out of hours to minimise disruption in the workplace.

## Experts in Kitchen Ventilation

Canopies built and installed, existing systems extended, high temperature fans, cleanable silencers, BS 6173 control panels, odour treatments, high efficiency filters installed.



Hard Rock Café, London



Brunel University

## Post Installation Check

For VES supply only jobs, SSS engineers can attend site and complete a series of checks prior to start up. Once a system installation is complete, VES engineers will attend site and complete a series of checks prior to start up. This service is particularly beneficial when a control panel has been supplied. It includes all electrical items, positioning of sensors, pressure switches, fan rotation, temperature settings, programming of controllers, setting up time clock etc. A full report is then submitted including details of bad installation, incorrect wiring, damage, incorrect parts fitted. Straight forward problems will be fixed there and then.



## Manchester Office

The SSS office in Manchester houses design and project engineers, site fitters and electricians for works in the North and Scotland.

# Power Station control panels

The VES controls department build a wide range of standard and special control panels for HVAC systems.

VES controls have been designed to minimise energy use, they are easy to install and operate. Many panels are fitted and prewired to air handling equipment: most Ecovent Plus and Sensaire units are supplied with fitted controls.

Matching remote controllers have been designed to be very easy to use, and provide simple adjustment of key items such as temperature and time clock, while other functions can be accessed by specialists as necessary.

Up to three temperature sensors are provided with VES controls, so that heat or cold recovery, intelligent start up, heating or cooling automatically operates most efficiently.

The VES air quality sensor is ideal for 'demand ventilation', and provides energy savings of up to 50%. It measures both CO<sub>2</sub> and VOC, and sends a signal to the fan speed controller to maintain required air quality as occupancy or pollution varies.

VES Controls can also build control panels with free issue Siemens and Trend outstations to improve the building controls integration.

Fitting the powerful Seimens Synco and Saphir controllers in VES panels can be beneficial when open protocols (communications) are required; also integration into HVAC networks and BMS; communication with PC, SMS or Web, plus off-site fault diagnosis.

The VES Controls department can also build control panels for specialist controls companies and OEM's. Designs, wiring diagrams, assembly and testing are all done in house.





Go to the VES website [www.ves.co.uk](http://www.ves.co.uk) for

- Product information: All brochures can be viewed or downloaded, plus many useful technical documents including operating and maintenance manuals.
- New products and latest news.
- Specialist Site Services.
- Northern Office.
- Spares.
- Company profile.
- Contacts and directions to VES.
- Current vacancies.

All items regularly updated.

Register for regular updates by e-mail:  
Simply send an e-mail to  
[newproducts@ves.co.uk](mailto:newproducts@ves.co.uk)

The VES Standard Product Price List is a must have for your desk.

All items colour coded with delivery period.

Request a copy from  
[newproducts@ves.co.uk](mailto:newproducts@ves.co.uk)



Need advice about a problem on site,  
or a service visit?

Call our Customer Service team on  
**08448 15 60 60**

We pride ourselves on top quality after sales service.  
Our skilled engineers cover the whole of the UK.

## Spares Department

We can source spare parts for VES products going back to 1968.  
Anything from a door fastener to a hot water heater battery.  
Many items are available from stock.  
Call or e-mail with your requirements.



*Ventilation for the Nation*

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VES reserve the right to amend product specifications and details without notice.



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