



VOKES AIR

Taking small steps together, always ahead, towards a better world



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A CLEAN AIR WORLD

Clean air. We can't see it, smell it, taste it or feel it, yet it is a vital part of our everyday lives: ensuring the efficient generation of energy; protecting valuable equipment and artefacts; making indoor environments more comfortable; and preserving life itself. Without the ability to create clean air, our world would be a very different place.

At Vokes Air, our entire business is about creating clean air.

Our filtration solutions are utilised in numerous applications across the globe to protect people, processes, equipment and the environment. From industries as diverse as facilities management to biological research, our products are at the forefront of innovative design and at the highest level of quality. In addition, as ever greater focus falls upon climate change and our impact upon the world around us, we are leading the way in the creation of energy-efficient filtration systems designed specifically to lower the energy requirement of your air handling unit and reduce your carbon footprint.

With a history in air filtration stretching back to 1927, our portfolio of products has been finely-tuned to create the optimum solution for all types of application. This is thanks to decades of working hand-in-hand with our customers, garnering invaluable knowledge and experience along the way. Our aim as filtration experts is to create a clean air world.





QUALITY

We recognise that our customers are the ultimate judge of the value of our operations. Because of this, we are committed to being a world-class manufacturer and supplier who is incessantly striving for perfection. Perfect quality; perfect delivery; perfect performance; and perfect customer interactions.

► Each of our three manufacturing locations are certified to ISO 9001 and are supported by technical development facilities in Sweden and Switzerland. Innovation and quality are core aspects of our operations, and our R&D facilities ensure that our products are at the forefront of filter technology. Both of these facilities allow us to simulate a variety of environmental conditions so that the products we put to market are of the highest standard and offer assured performance no matter what the application conditions.

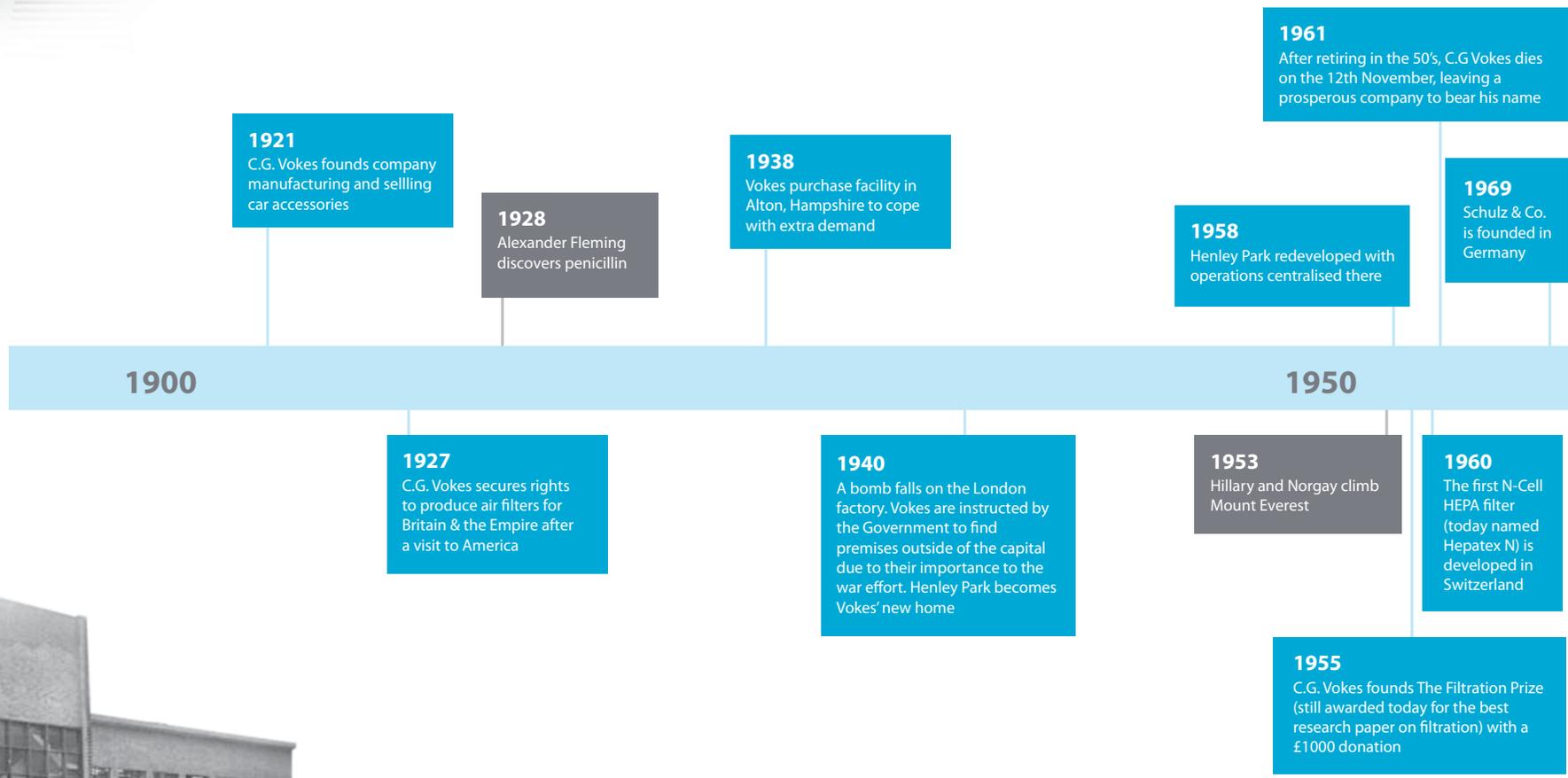
In addition to new product development, our laboratories have extensive quality testing facilities to ensure that our products perform to the highest level. An integral part of our quality assurance process is to test to EN 779 and EN 1822 quality standards and ensure that our filters conform to all industry standard guidelines.

A further indication of our commitment to quality comes in the shape of our membership to the Eurovent Certification scheme.

The air filter industry has long needed a regulator to ensure that you, the customer, receive filters which match the manufacturer's claim. You may be surprised to learn that not all data claims from air filter manufacturers can be verified. As an independently operated scheme for the air filtration industry, companies applying to join Eurovent must offer their F-Class filters for impartial and independent testing. The filters are randomly selected by Eurovent and their performance is verified according to the manufacturer's claims. Only those manufacturers meeting their claims are awarded certification.



◀ Filter production in the 1950's



1900

1950

1921
C.G. Vokes founds company manufacturing and selling car accessories

1928
Alexander Fleming discovers penicillin

1938
Vokes purchase facility in Alton, Hampshire to cope with extra demand

1927
C.G. Vokes secures rights to produce air filters for Britain & the Empire after a visit to America

1940
A bomb falls on the London factory. Vokes are instructed by the Government to find premises outside of the capital due to their importance to the war effort. Henley Park becomes Vokes' new home

1958
Henley Park redeveloped with operations centralised there

1953
Hillary and Norgay climb Mount Everest

1955
C.G. Vokes founds The Filtration Prize (still awarded today for the best research paper on filtration) with a £1000 donation

1961
After retiring in the 50's, C.G Vokes dies on the 12th November, leaving a prosperous company to bear his name

1960
The first N-Cell HEPA filter (today named Hepatex N) is developed in Switzerland

1969
Schulz & Co. is founded in Germany



◀ The new Henley Park factory in 1958

HISTORY

1973

The FP compact filter, latterly the Compatex FP, is developed in Switzerland

1974

Schulz & Co. renamed Atex-Filter and latterly acquired by McLeod Russel

1975

Scandfilter is founded in Borås, Sweden

1978

Interfilta is established with offices in London and Lancashire, UK

1983

Thomas Tilling acquired by BTR. Air filtration business relocated back to Henley Park

1984

ULPACATS (an innovative form of filter testing) is developed in Switzerland

1989

The Berlin Wall falls in the first step towards a reunified Germany

1992

The AFP gas filter is launched. Today, AFP incorporates an entire range of activated carbon filters

1993

McLeod Russel acquire Weway, a group of filter companies including Scandfilter and Interfilta

1999

BTR Plc and Siebe Plc merge to form Invensys Plc

2000

McLeod Russel acquires Vokes and relocates the air filtration operation to Burnley

2001

McLeod Russel acquires Luwa the renowned high-end filter manufacturer

2002

McLeod Russel acquires Industri-Filter & Synsafe Danmark

2004

SPX Corporation acquires McLeod Russel and renames the air filtration business SPX Air Filtration

2008

The Riverside Company acquires the air filtration business from SPX Corporation and renames the business Vokes-Air Group

1970

Company is acquired by Thomas Tilling. Air filtration business is relocated to Burnley, Lancashire (UK)

2000

Henley Park House in about 1960





VISION

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We will be the world's most advanced and customer-caring provider of environmentally friendly, energy-saving filtration products and solutions for clean and fresh air.

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PURPOSE

Our product and service innovations combined with operationally excellent manufacturing and logistics support will underpin our desire to earn a reputation as the leaders in our field.

- ▶ Our people strive to have a positive impact, on current and future generations, in the spaces where the well-being and protection of people, processes, product and environment is paramount.



STRATEGY

Our core business strategy is built around a knowledge intensive and customer-caring organisation that exists to serve our customers in the development and delivery of clean air relevant technologies and solutions.

► We deliver this today through collaborative market and customer driven development projects, manufacturing, logistics and supplier support. We will develop and grow our business by adding customer value, optimising existing manufacturing locations, augmenting R&D and then adding new manufacturing and distribution channels to significantly enhance our reach.

SERVICE

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We will strive to provide the best possible customer experience. We offer superior value, high availability, relevant technology, customised solutions, superior service and differentiated high quality products that are easy to buy. We aim to be positioned to deliver ‘any repeat standard product, to any customer, anywhere in the world, in one day’.

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CLEAN AIR

Traditionally, we didn't work indoors, shop indoors, or spend our leisure time indoors. Nor did we travel to these activities cocooned inside a vehicle. Today, however, it is estimated that we spend between 80% to 90% of our time indoors. So when you consider that indoor pollution is typically two to five (but can be up to 100) times higher than the level of pollutants found externally, it is easy to understand the assertion that indoor pollution represents a greater risk to our health than contamination found outdoors.

► Furthermore, by taking into account the greater level of air pollution of the modern world in general, it quickly becomes apparent the important role that filtration plays in preserving public health.

More and more public buildings are utilising air conditioning systems to improve the comfort of occupants, and ensuring the highest level of indoor air quality to avoid sick building syndrome (particularly in the workplace) is a primary concern for building owners and operators.

With such a bewildering choice of filters available, however, it can be difficult to know which system to choose. While a filter with a low purchase cost may appeal, its lower performance may cost far more in operating costs in the long run. Depending on the system, the purchase price of a filter will typically be just 15% of the total cost associated with its operation, with energy accounting for 70%. That is why we focus on reducing the energy consumption of a filter rather

than just its purchase price. Of course, an added advantage of this is also the lessened environmental impact associated with operating an air handling unit, which is why all of our filters are designed to provide the optimum balance between maximum filtration efficiency and minimum pressure drop.

Our drive is to provide energy-reducing fresh air solutions while cleaning the air to a level where it does not represent a risk to human health or to animals, plants and cultural assets.

Vokes Air customers can feel secure that the supply air entering their building is clean, and that our filtration solutions will provide this clean air at the lowest possible cost.



CLEANROOM

As a specialist in laminar flow ceilings, Vokes Air has been controlling contamination for more than 30 years. Our products increase the day-to-day safety of patients undergoing deep wound surgery and help to reduce post-operative infection rates across the globe.

► Through the experience of thousands of projects realised worldwide, we have evolved to become a market leader in the field of sterile air systems and clean air components. In addition to product development, Vokes Air also offers pioneering consulting services for its customers in the run-up to a project, as well as setting the highest standards in planning and implementation

When it comes to the realisation of customer requirements there is no such thing as too complex a solution.

We have become one of the largest and most experienced providers of sterile air systems in the clinical field.

Through the perfection of our products and their realisation, we further our leadership in know-how through continuous innovation. This experience and expertise has also allowed us to share our know-how with national and international standards institutes.

In order to maximise yield and protect the workforce in pharmaceutical and research facilities, EPA, HEPA and ULPA grade filters are used in cleanroom and containment rooms for supply, recirculation and exhaust air. Vokes Air's range of products for this area is second to none, including the industry renowned Hepatex range. In the emerging industries of genetic research, nanotechnology and other pathogen free environments, these filters continue to ensure that maximum protection and maximum yield can go hand in hand.



POWER GEN

Facing increasing external pressure, leading utility companies are investing ever more to improve the compatibility of fossil-fuelled power plants with the environment. These organisations recognise the importance of utilising the best available technology to reduce the environmental impact of power stations, in accordance with ISO 14001.

► Similarly, an increasingly polluted world has an impact on power generation operators, with valuable equipment facing threat from increased atmospheric pollutants. In this situation, air filtration plays a primary role in protecting power generation equipment from the environment and the environment from power generation.

Air intake filters protect the most valuable equipment of a modern power station from degradation caused by exposure to outdoor air pollutants, whilst specialised process filters prevent the spilling of pollutant exhausts, like lube oil mists, into the atmosphere.

Vokes Air aims to become the global benchmark provider of air filtration for power and marine applications.

Leveraging our specific know-how, we will continue to develop air cleaning solutions which exceed the strictest requirements in this field in terms of performance, energy consumption and environmental compatibility.

We aspire to become the primary partner of leading power engine manufacturers, improving the overall performance of their systems with advanced air intake filtration solutions that require ever less energy and assure the best protection against environmental challenges.

Furthermore, we will substantially expand our market share in the Power Utilities segment by providing outstanding opportunities to increase power output and generation performance, reduce production and maintenance costs, and minimise the environmental impact of power plants in service.



INDUSTRIAL

Lean processes, just in time, shorter lead times, tighter cost control – today's modern manufacturing processes are placing ever greater demands upon the systems used therein, and filtration is no exception.

► Filtration systems for industrial applications must now be able to cope with twenty-four hour operation and ever greater quantities of all types of particulate, whilst minimising costs for the customer and operating efficiently.

At Vokes Air, our range of systems for the industrial and marine marketplace do just that.

From oil mist eliminators and dust collectors to filters for paint spray booths, our solutions in this segment are designed around the exact needs of modern manufacturing and industrial processes – ensuring the protection of human health, the environment and equipment, whilst maximising output.

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