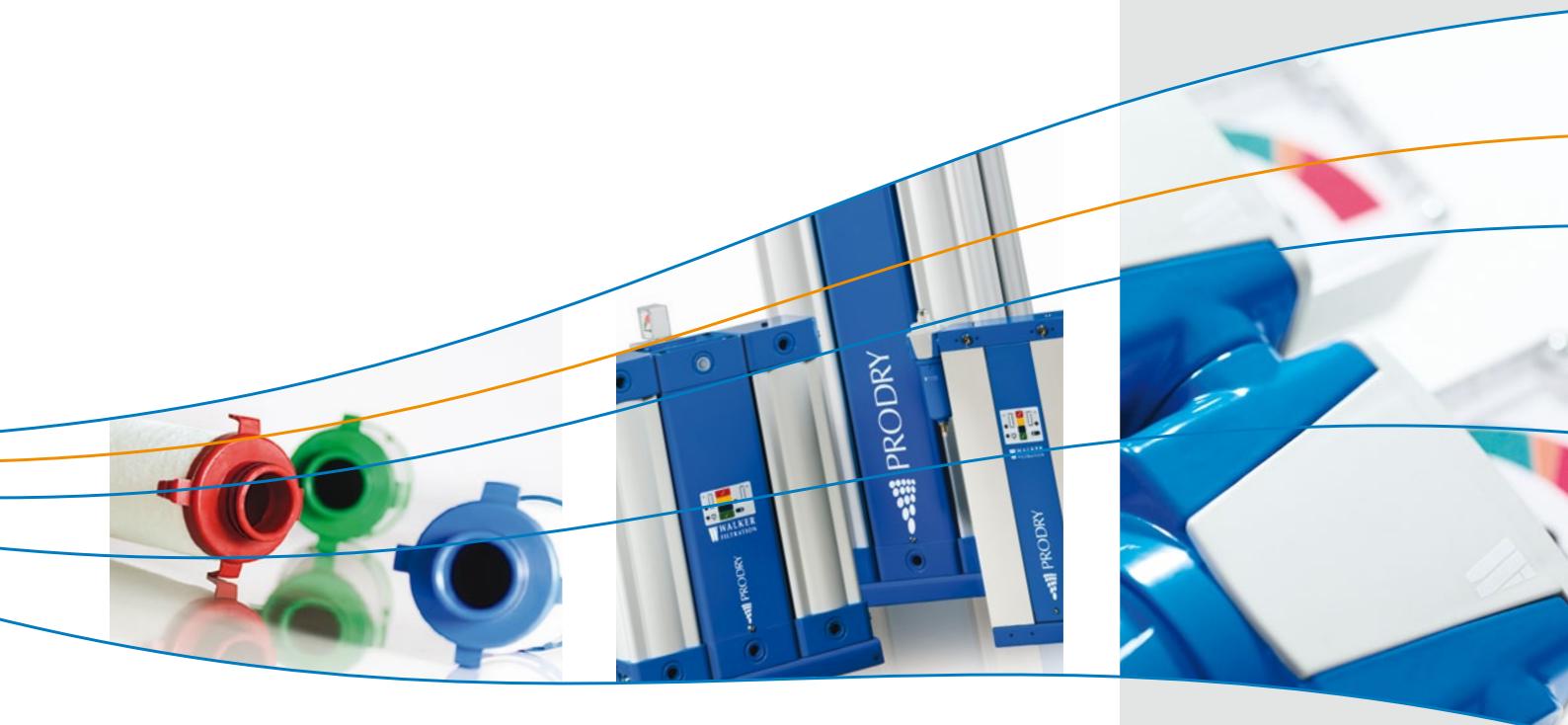




The ultimate filtration & drying technology

The Company

Customer focused. Innovative design.
Exceptional engineering.





"High quality, tailored filtration solutions are at the heart of our methodology. We aim to exceed expectations."

Brian Walker MBE | Chief Executive Officer (CEO)

We know filtration; it's the core of what we do

With over 30 years experience around the globe, Walker Filtration is a recognised leader in filtration technology.

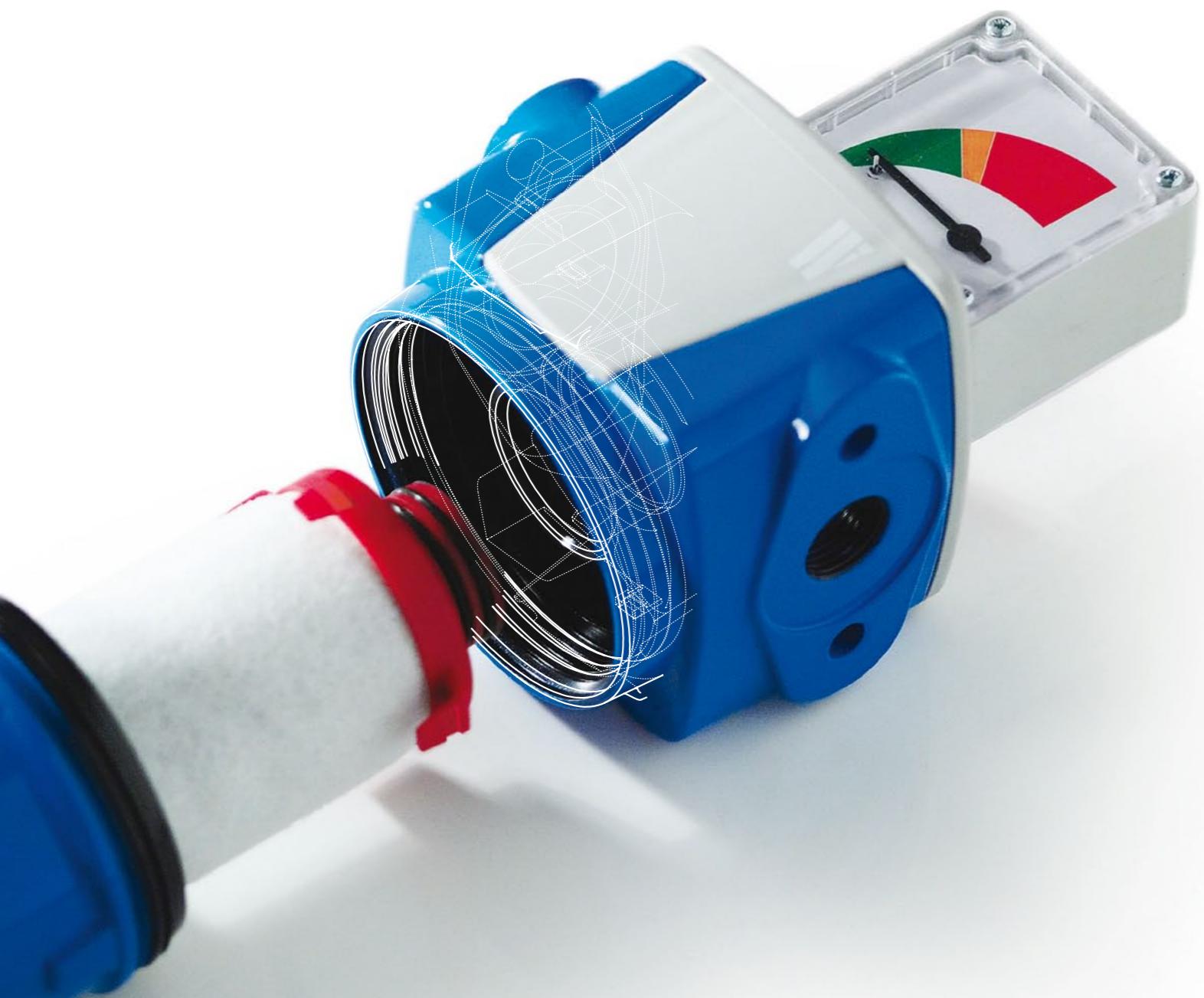
We provide technically superior air treatment products for compressed air and gas across a wide range of markets. We are now established as a leading producer of advanced filtration, drying and separation equipment with export levels of over 88% and a growing international presence.

We are pioneers of filtration technology

For over 30 years we have built a reputation of high quality, well engineered filtration and drying products. However, we never rest on our laurels. Continuing investment in technology and expertise means we stay at the leading edge of innovation. Our expertise spans wrapped, pleated and moulded filtration.

The key to success is commitment to our customers

We provide not only highly specified standard product ranges but also customised solutions designed specifically for our customers needs. We anticipate customer demands, match technology with market developments and assure product performance to the highest exacting international standards.





"Walker Filtration's foundations are firmly based in the North East of England, and we are committed to providing opportunities and prosperity for our growing workforce. Our values have shaped our Company and will continue to do so."

Lianne Walker MBE (MBA) | Group Managing Director



We have developed a culture where customers' needs drive our strategic development

Our customers' needs are always paramount.

We constantly strive to improve our product offering, continually observing the industry, anticipating the needs of the end user and delivering solutions tailored to every specific need.

Our focus is straightforward – we enjoy working with our customers, offering competent advice and sound engineering.

We have a very simple philosophy.

Customer Satisfaction

The common thread in all that we do. A satisfied customer is the only measure of success.

We believe in honesty and a straight forward approach. We believe in tailoring our products and services to customers' needs rather than expecting customers to conform to us.

Keep It Simple

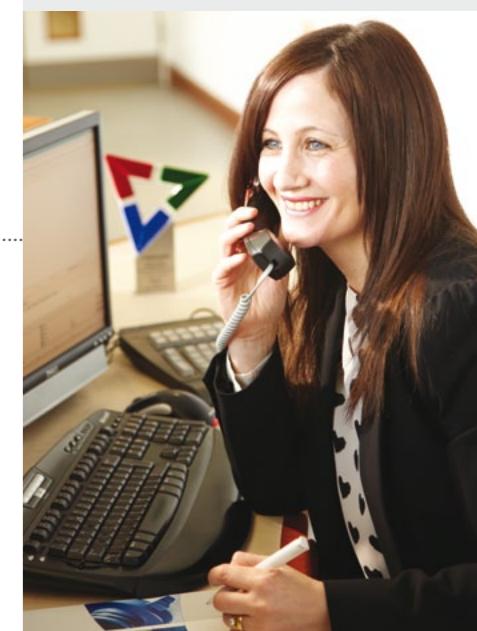
Superior quality doesn't have to be complicated.

We produce solutions which are effective, efficient, technologically superior but at the same time simple. That's the test of engineering excellence.

Cut Out Waste

When manufacturing processes have to be precisely managed and withstand the closest of scrutiny, it pays to be as lean as possible.

That's why we streamline production and strategically manage our assets to achieve the most economical results.





Exceptional design capabilities allow us to meet the highest demands of the OEM customer

At Walker Filtration, we pride ourselves on producing exactly what our customers need.

As a flexible manufacturer, we aim to help customers with their special and unique requirements. We will design, engineer and manufacture a technically superior solution for any application.

If you are looking for a custom solution, rely on us to deliver

With the expertise of our dedicated design team, we work in partnership to develop the right technological product solution.

Whether your requirements are for specialist high pressure applications, particularly extreme conditions or a revolutionary new filtration requirement; our engineering and technical team are at your disposal.

Every OEM solution developed by our team is unique

We take care of brand management, bespoke packaging, language support, unique part numbers, logistical details and are dedicated to reducing the amount of time it takes to get your product to market.

"Our range of filtration and drying technology offers OEM customers unique, custom built solutions. We work hard to understand your needs. Our team of experienced engineers operate from concept right through to product launch."

Lianne Walker MBE (MBA) | Group Managing Director





"At our heart, we are a company founded on sound engineering and innovation in technology. It's our passion and it's what drives us forward."

Lianne Walker MBE (MBA) | Group Managing Director



We stay at the cutting edge of technological advancements

We believe that in order to deliver exceptional customer satisfaction, we have to provide the most technically appropriate solution. That's why we believe in staying at the forefront of filtration and dryer technology.

We use pioneering technology from concept to manufacture



Our customers demand optimised design and assured performance. To deliver that, we employ extensive use of the latest in computer aided engineering such as finite element analysis and computational fluid dynamics.

The technical performance of our products is assured for all our customers via our own in-house extensive product testing facilities and procedures. It doesn't stop there. Our products are independently tested and validated to ISO 12500 by an accredited independent laboratory.

The expertise of our technical team is sought after throughout the industry. We regularly participate in ISO working groups formulating future filtration standards.



"The key to our success is to remain flexible – we have a unique manufacturing programme which allows us to efficiently produce anything from small batches to an automated production process for large scale manufacturing."

Lianne Walker MBE (MBA) | Group Managing Director

To supply an international marketplace, our manufacturing systems are world-class

In an increasingly competitive global marketplace, lead-time is key. Our manufacturing and management programmes are focused on achieving reduced lead-times in the most economical manner possible.

Regular involvement in bespoke packaging, bar-coding, transport systems and eCommerce has broadened our company's experience and skill-set, and therefore the level of service offered to customers.

Our head office and manufacturing operations are based in Washington, England. We also have assembly facilities at some of our international divisions to enable the most efficient stock position and fastest delivery.

Specialist moulded filtration products are produced at our separate Micrafilter production unit. Our capabilities are further expanded by our dedicated silicone free facility.

Quality management is at the heart of all of our practices

The Company is accredited to ISO 9001-2008 with management practices being rolled out across each division.





Filter Housings

Walker Filtration manufactures a varied range of filter housings for almost every conceivable application.

Whether your application is compressors or vacuum pump; industrial or medical; filtration or separation; we have the right solution for you. Our filter housing range is comprehensive.

We offer a range of aluminium threaded housings in both simplex and duplex format; giving customers flexibility. We have an outstanding range of high capacity flanged aluminium housings too.

Our range also includes solutions for high pressure applications in both stainless steel and alloy with varied flow rates and filtration grades.

Whatever the application and housing; you can rely on the fact that they are engineered and manufactured to the highest standards.

Performance and reliability you can trust

Each comes with its own individual certificate of conformity to international standards and directives.



"Independent testing and validation is key in reassuring our customers that they are getting the very best."

Brian Walker MBE | Chief Executive Officer (CEO)





"Whether you're looking for Walker original elements or reliable alternatives, we pride ourselves on being able to service that need."

Brian Walker MBE | Chief Executive Officer (CEO)



Elements & Vacuum Separators

Walker Filtration has an enviable reputation when it comes to the design and manufacture of elements and vacuum separators. We are recognised as innovators in this field.

Our expertise in design, engineering and manufacturing have made us the partner of choice for some of the biggest names in compressed air and vacuum pumps.

Our filter media is uniquely engineered

It's been developed to produce high flow rates and ensure dirt holding capacity without compromising long life performance. Walker Filtration elements are available in colour coded grades to suit any application.

Our range and expertise incorporates not only wrapped filtration technology but pleated and formed depending upon the application and customer specification.

We also have one of the most comprehensive ranges of 'Alternative' elements and vacuum separators on the market today. These have been designed to perform 'equal to or better than' the original manufacturer's filter elements.

A comprehensive alternative range you can rely on

All our elements have been independently tested to ISO 12500-1:2007 and satisfy ISO 8573-1:2010 air quality classifications. See full details of our independent validation in our published test report.





Desiccant Dryers

The Pro Dry range of heatless desiccant compressed air dryers has been designed to provide a controlled, economical supply of dry, clean air.

Water vapour is one of the most problematic contaminants in a compressed air system.

Pro Dry is at the leading edge of dryer technology and the ideal solution. The range is supplied with a host of features, including an electronic processor to manage the cycles of the dryer's function and the condensate level.

The dryer also features an XA grade filter housing and electronic drain as standard. The range is designed and manufactured to international standard ISO 8573-1:2010.



Whatever the application we have a dryer solution

We also offer a specialist medical air dryers and OEM customer solutions.



"Pro Dry is compact, robust and flexible making it a versatile choice whatever the application."

Brian Walker MBE | Chief Executive Officer (CEO)



Breathing Air

"You can't take risks with the air you breathe.
That's why our customers come to Walker Filtration."

Brian Walker MBE | Chief Executive Officer (CEO)

Compressed air is widely used where an independent supply of breathing air is required. It is essential that the air is purified in order to protect the well being of operating personnel.

The ambient air that enters a compressed air system can be loaded with impurities. These include fumes, vapours, solid particulates, micro organisms, water, oil and harmful gases such as CO, CO₂, SO_x and NO_x.

During the compression process, contamination may be further increased in the air stream and therefore without suitable treatment can pose severe health risks if it is used for breathing air in medical and industrial applications.

Clean, safe, reliable breathing air

To ensure that breathing air is delivered to a consistently high level of purity, Walker Filtration has designed a range of breathing air packages. These systems combine specialist desiccant dryers with multiple levels of filtration which comply with international breathing and medical air standards.





Smoke Evacuators

Laservac Smoke Evacuation Systems offer a versatile smoke plume management solution for today's operating environments in clinics and theatres.

The dangers of smoke plume generated during laser, diathermy and electrosurgery are well documented. It is strongly recommended that smoke evacuation units be used to protect both patient and health care staff from the potential hazards.

Surgical smoke plume can contain benzene, formaldehyde, cyanide, polyaromatic hydrocarbons, carbon monoxide, acrolein, infectious particles, bacteria and potential viruses, blood aerosols, sub-micron laser smoke debris, unpleasant odours, steam contaminants, tissue vapours and viral DNA.



High efficiency filtration is the key to successful plume removal

Filtration is achieved in three stages – by air passing through a pre-filter and a two stage, high efficiency filter combining ULPA grade media and activated carbon. The combined effectiveness of the total filtration package provides an efficiency of >99.9999% at 0.01 micron.



"Surgical smoke plume is a serious health hazard which simply can't be ignored. A Laservac smoke evacuator protects not only the patient but clinical staff too."

Brian Walker MBE | Chief Executive Officer (CEO)





"Accessories are often the forgotten detail. They are, however, a vital component in any filtration or drying system."

Lianne Walker MBE (MBA) | Group Managing Director



Filtration & Drying Accessories

To compliment our core product offering, we also provide an extensive range of filtration and drying accessories.

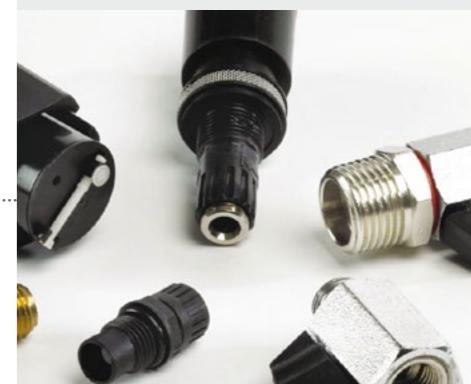
Walker Filtration understands that the smallest details are vital in the management of compressed air and gas which is evident in the scale of our accessories range.

Each installation is different and customer preferences vary

That's why you need a comprehensive choice of ancillaries to suit your needs.

The range is extensive and includes several types of differential pressure gauges, an array of drain valves, as well as air in-line heaters for breathing air applications.

The selection is completed with a huge number of mounting and connecting kits and O-ring kits are available to accommodate any configuration of installation.





Wherever there is compressed air or gas, you will inevitably find the need for air treatment

Our filtration products can be found in virtually any industry where compressed air is used, that means just about everywhere.



We are present upstream in the compressor house ensuring compressed air is clean and efficient right at the start of the system. Our filters are also found downstream in all manner of point of use applications.

Industry considers compressed air as the fourth utility

Filtration is also essential in any oil lubricated vacuum pump application, whether it is being used in a printing application, packaging or a production assembly line.

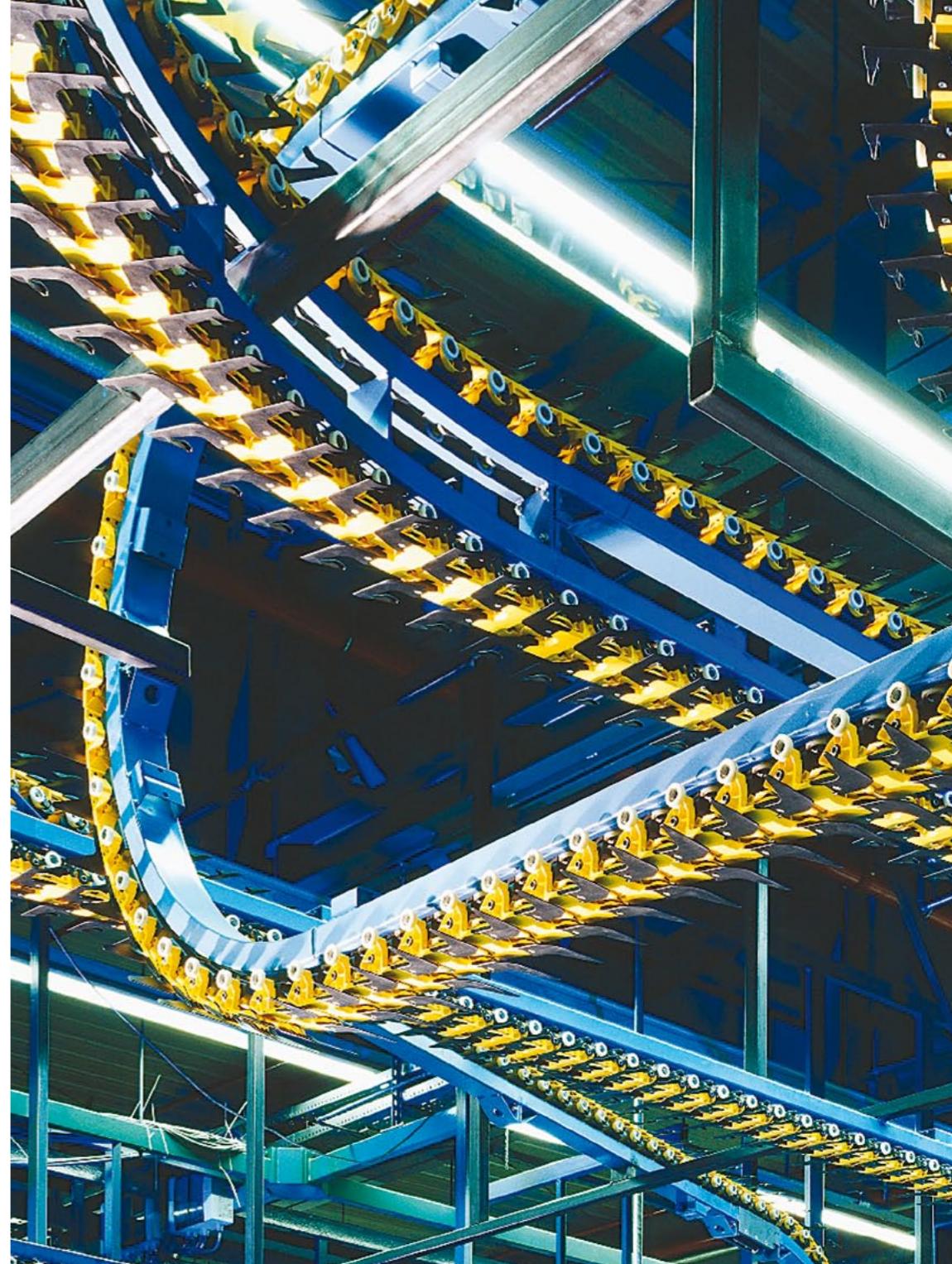
As industry specialists, our products are also used in highly sensitive gas filtration applications from manufacture and distribution of bio gases to pump dispensing of compressed natural gas. Our products are also found in gas analysers and laboratories around the world.

Air Motors
Breathing Air
CNG
Electronics
Emissions Monitoring
Fire Fighting
Food & Beverage Production

FRL's
Gas Analysis and Control Protection
General Compressor Room
Laser Cutting
Marine
Medical Vacuum Systems
Medical and Dental Applications

Military
Mining & Tunnelling
Packaging
Paint Applications
Petrochemical Processing and Distribution
Medical Equipment
Pharmaceutical Equipment
Pneumatic Machinery

Pneumatic Conveying
Printing
Process Controllers
Protection of Critical Instrumentation
Surgical Operation
Vacuum Pump Intake and Exhaust





"Looking to the future, our growth is based on our continued drive for technical advancement and innovation. Filtration, in whatever guise, is core to what we do."

Lianne Walker MBE (MBA) | Group Managing Director



Innovation is at the heart of Walker Filtration and focuses all that we do

It is this drive for innovation and commitment to our customers' growth plans which will provide our continued success and vision for the future.

Our continued commitment to investment, research and development, test programmes, new products and technologies will ensure a strong future.

Our passion for improvements in microfibres, adsorption technology, and separation principles will continue to be our motivators.

Passionate about filtration technology

Working with our customers throughout the world on innovative products, generating new product solutions, entering new markets and providing first class customer service are major drivers in all we do.

Supplying our customers in the long-term will also mean being agile and reactive enough to support individual goals and targets. Development in tandem will be the demand of the future.





THE QUEEN'S AWARDS
FOR ENTERPRISE:
INTERNATIONAL TRADE
2012



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The ultimate filtration & drying technology