



**FOCUSED ON
COMPRESSED AIR
AND GAS TREATMENT**



ENGINEERING YOUR SUCCESS.



FOCUSED ON COMPRESSED AIR AND GAS TREATMENT

At Parker, we have created a global engineering company, by engineering value for our customers. We apply our expertise in motion and control technologies within specific fields of excellence, to create market-leading solutions.

Currently we operate in 104 different countries, across seven operating groups: Aerospace, Automation, Fluid Connector, Hydraulics, Instrumentation, Engineered Materials and Filtration.

And within our European filtration business, we have more than 140 years combined experience in compressed air and gas treatment, concentrated in three world class brands:



**FOCUSED ON
FILTRATION AND
SEPARATION**



**FOCUSED ON
REFRIGERATION
AND COOLING**



**FOCUSED ON
ADSORPTION**

Focused on customers

Across our three brands we offer everything our customers need for effective compressed air and gas treatment, for applications in the industrial plant and equipment, food and beverage and natural resources markets.

By concentrating our expertise around specific technologies, we are able to manufacture award-winning products to the highest quality, in order to deliver the ultimate in performance at every stage in the compressed air and gas treatment process.

Our products are engineered at our European centres of excellence. We're close to the people who use our products. We understand the industries they work in and the issues they face. We have a crystal-clear focus on giving our customers what they need to succeed - straightforward product choice, innovative energy-efficient technology, reduced lifetime costs, and enhanced productivity and profitability. All backed by expert service and support.



Parker Hiross

Antares

FOCUSED ON THE COMPLETE SOLUTION

Parker provides a comprehensive range of filtration, refrigeration and purification technology, covering every part of every compressed air and gas treatment system.

- 1 Compressed air filtration**

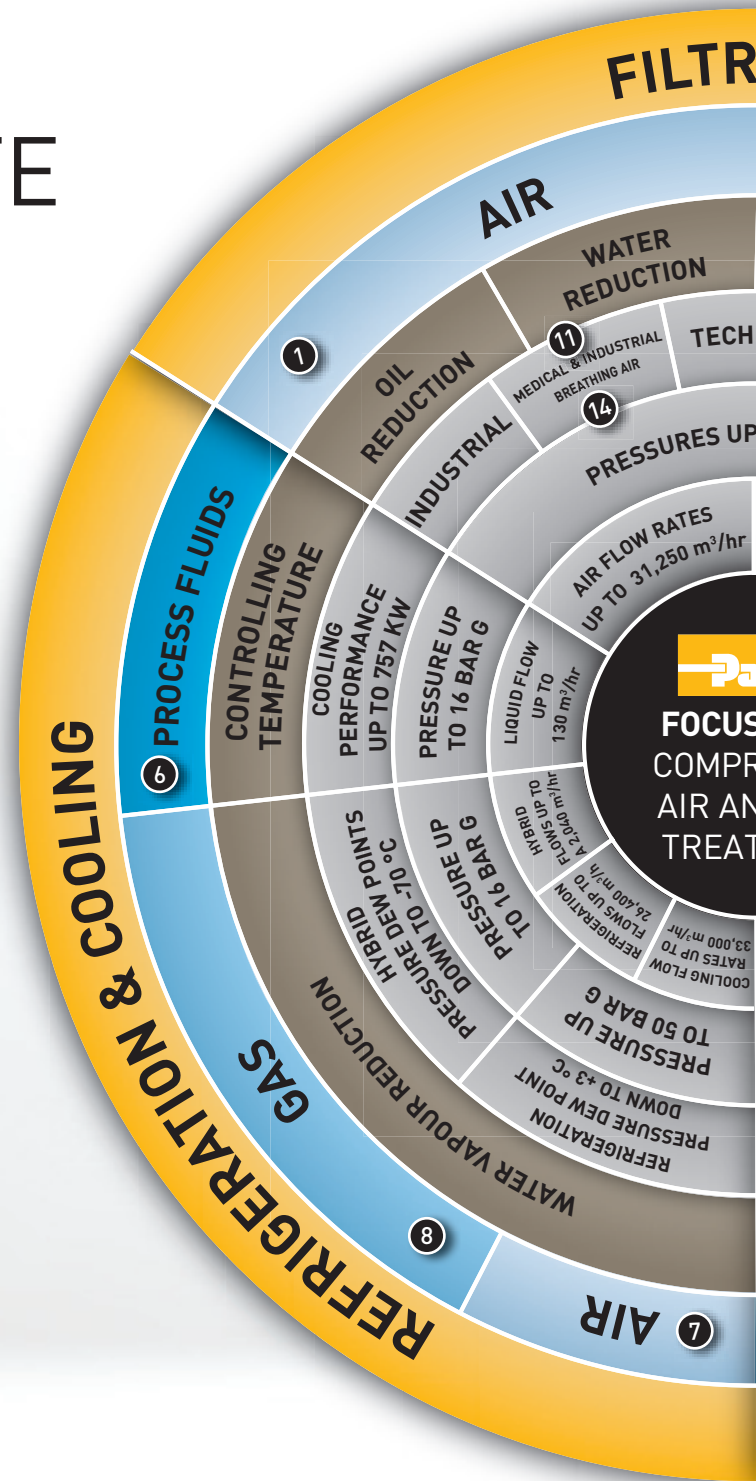
Complete filtration solutions, ensuring the continuous supply of high quality compressed air.
- 2 Filtration of technical & industrial gases**

Efficient and reliable elimination of harmful contaminants in the industrial and technical gas supply.
- 3 Compressed air drying**

A range of heatless, in-line and regenerative desiccant adsorption dryers for precise control of water vapour.
- 4 CNG & Biogas filtration**

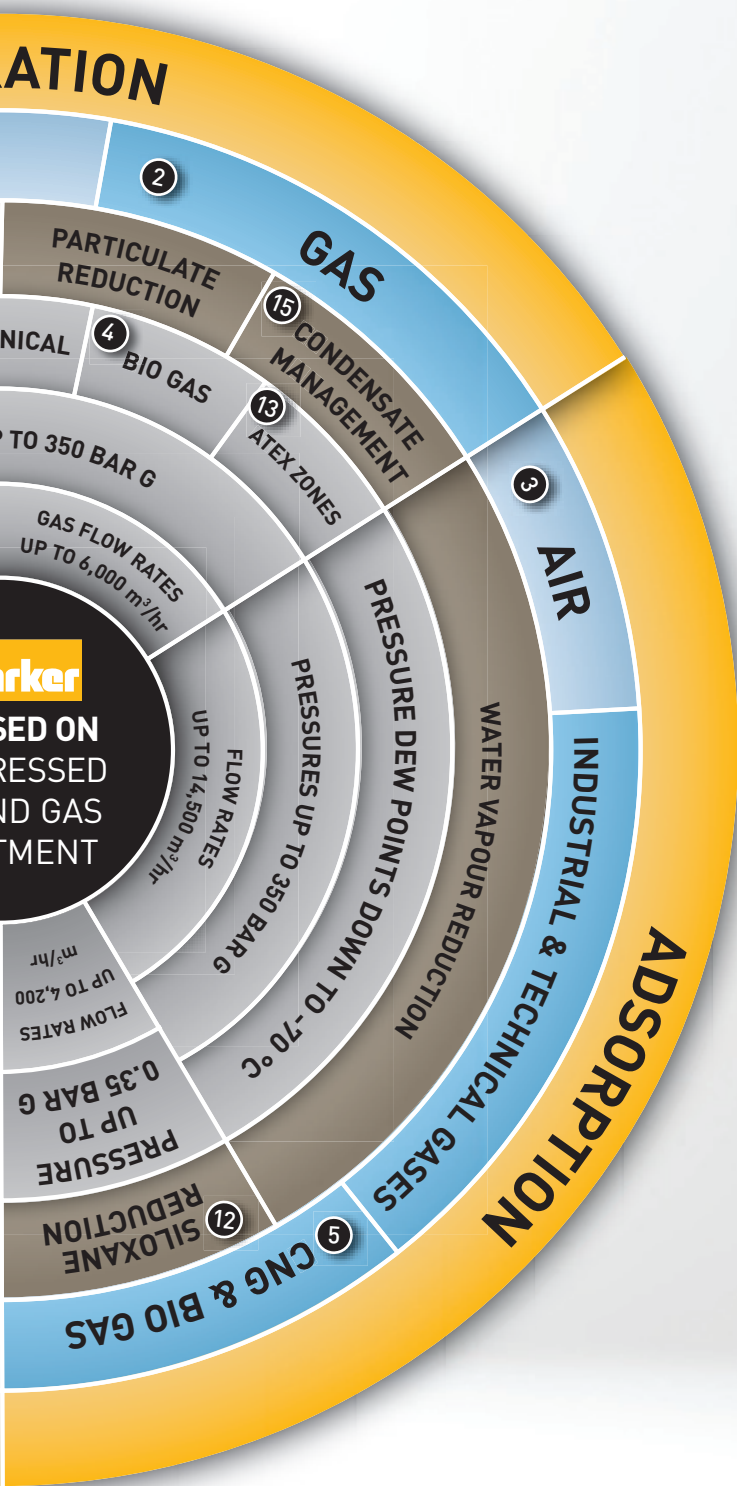
High efficiency filtration for the removal of harmful impurities and contaminants within CNG/Biogas.
- 5 CNG & Biogas drying**

Providing effective separation of contaminants, and reducing moisture through heat regenerative adsorption drying.



- 6 Precision cooling of process fluids**

Individual and integrated cooling solutions to ensure precise and reliable fluid temperature for a wide range of applications and markets.



7 Compressed air cooling

A complete range of highly efficient after-cooling treatments to ensure effective operation of compressed air systems.

8 CNG & Biogas cooling

Safe, reliable cooling and separation technology for anaerobic digester and landfill biogas production.

9 CO₂ purification for food and beverage applications

A range of filtration and purification systems for the removal of CO₂ impurities in food and beverage processing.

10 Silicone free compressed air treatment

Effective filtration of unwanted contamination – for critical applications like paintwork in the automotive industry.

11 Industrial breathing air

Proven, precise breathing purification technology, offering protection against a range of contaminants.

12 Siloxane removal

Regenerative adsorption designed to remove siloxane contaminants to 99.999% efficiency.

13 ATEX compliance

Filters and dryers can be made ATEX compliant, delivering clean and dry air in hazardous environments.

14 Medical grade air to European pharmacopoeia

Integrated filtration and adsorption treatment to deliver contaminant-free air to European pharmacopoeia medical air standards.

15 Condensate management

Advanced condensate drains and water/oil separators enabling the release of pollution-free water to the environment.



FOCUSED ON FILTRATION AND SEPARATION

Parker domnick hunter is world-renowned for compressed air filtration and separation. We invented the filter technology which remains the modern-day benchmark. And we continue to lead the world in the development of more efficient and effective treatment, with class-leading solutions such as the GL Plus and OVR ranges.

Our focus is on delivering cleaner, better quality compressed air – for applications across industrial plant and equipment, food and beverage and natural resources markets. And wherever they operate, customers can trust our solutions to help deliver the highest standards of energy efficiency, reduced CO₂ emissions and lowest total lifetime costs.

OIL-X

High efficiency compressed air filters.

- Third party validated
- Consistent air quality – guaranteed for 12 months
- Market leading energy efficiency
- Lowest total cost of ownership





OVR filter range

Advanced oil vapour removal filters, offering maximum performance and cost effectiveness.

- High air flow capacity
- Technically oil free air
- Easy maintenance



Biogas Treatment and Siloxane Removal Systems

A complete portfolio of solutions, including advanced biogas treatment skids for drying and filtration, and regenerative systems that remove aggressive siloxanes from the gas stream.

- Unique, patent protected regenerative siloxane removal technology
- Chillers with special protective treatment for reliable operation in aggressive environments
- Highly efficient components made of stainless steel for increased durability



FOCUSED ON REFRIGERATION AND COOLING

With over 50 years experience in the development and manufacture of cooling and refrigeration solutions for compressed air and gas treatment, Parker Hiross is a world leader in the industry. We offer a complete range of solutions, including refrigeration dryers, chillers, advanced tandem technology dryers, as well as siloxane removal systems for biogas treatment – with maximum performance and efficiency at the heart of every solution.

Advanced energy saving technology, low-maintenance design and outstanding engineering quality combine to ensure reduced energy consumption, maximum up-time and zero risk of pollution. It's a combination that delivers increased productivity and lowest lifetime cost for customers.



Antares

Advanced compressed air tandem drying technology.

- Ultimate energy efficiency
- Lowest lifetime cost
- Constant dew point performance
- Compact design

Hyperchill Plus

A range of high performance industrial process chillers, offering extreme efficiency and reliability.

- Compact and configurable
- Easy to install and operate
- Maximum up-time
- Low energy consumption





FOCUSED ON ADSORPTION

For more than 40 years, Parker Zander has been at the forefront of water vapour reduction for compressed air and gas. World-class technical expertise, ongoing innovation and industry know-how mean that our ranges of adsorption dryers continue to set the standards for air quality, energy efficiency, reliability and ease of use.

We stand for the highest levels of engineering and manufacturing quality. And we are committed to providing end users with the very best drying performance along with the lowest cost of operation over the lifetime of the solution.



PNEUDRI MX

Heatless compressed air desiccant dryers.

Highly compact design, highly efficient and reliable drying performance.

- Reliable dry, oil-free air
- Maximum energy efficiency
- Space saving and lightweight
- Modular and flexible





HDK-MT

The most compact, durable and reliable high pressure dryer on the market.

- Robust and compact
- Virtually leakage free
- Maximum energy efficiency
- Corrosion resistant components



CDAS & OFAS

Integrated drying and filtration systems

- OFAS offers third party validated to ISO 8573-1, class 0 for total oil
- Advanced energy saving technology
- Lowest total cost of ownership
- Low maintenance, long life



FOCUSED ON PRODUCT QUALITY AND CUSTOMER SUPPORT

At Parker, we work closely with customers' design teams to ensure that systems are 100% right from the outset.

We bring unparalleled expertise in compressed air and gas treatment, as well as vast technical know-how, gained at the sharp end of global manufacturing. And increasingly, we are combining technologies, developing systems and collaborating with customers and distributors to create a positive impact.

We also provide all the expert technical support, service and maintenance customers need. It's a promise of quality that means you can look forward to a product lifetime of efficient and reliable performance.

- Global engineering know-how, world class manufacturing expertise
- The complete compressed air and gas treatment system design
- Custom solutions including product branding for OEM partners
- Expert installation and servicing, worldwide





“The Parker team delivers on all the key issues for us: incredible system efficiency, outstanding reliability and first class technical back-up”

Operations Director, Germany

FOCUSED ON
ENERGY
EFFICIENCY

FOCUSED ON
PRODUCTIVITY
AND PROFITABILITY

FOCUSED ON
LOWEST COST
OF OWNERSHIP



FOCUSED ON WORKING TOGETHER

Our solutions are designed to help customers to focus on their businesses. We have a complete range of products, for every stage in the compressed air and gas treatment process. And because all our solutions are part of the Parker family, everything is designed to integrate perfectly, and work smoothly and efficiently for you.

- World leaders in compressed air and gas treatment
- Three specialist brands, concentrated on technological expertise and innovation
- Focused on meeting customer needs – energy efficiency, lowest cost of ownership, productivity and profitability, service and support.

To find out more about the Parker focus on compressed air and gas treatment, visit

www.parker.com/gsf



Parker | domnick
hunter

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FILTRATION AND
SEPARATION

Parker | Hiross

FOCUSED ON
REFRIGERATION
AND COOLING

Parker | Zander

FOCUSED ON
ADSORPTION



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www.parker.com/gsf