



Transair®

The Best System for Industrial Fluids

A Technology with Multiple Assets

Transair® is the ideal solution for all compressed air, inert gas, vacuum and industrial fluid networks, by combining adaptability, quick installation, high performance and durability, while improving the profitability and reducing the related maintenance and operating costs of your networks.

Quick

- No need to weld, glue or crimp.
- Lightweight for easy handling.
- Ready-to-use.

Cost Effective

- Optimised installation, labour and operation costs.
- Sustainability of equipment and filtration devices.

Longevity

- Corrosion-free construction.
- Quality of the internal surface for a sustained cleanliness of the fluid.
- 10 year guarantee

High Performance

- Low roughness coefficient of stainless steel and aluminium pipe and full bore design.
- Optimisation of flow and pressure losses with innovative technology.

Adaptable

- Various drop solutions thanks to brackets: with swan neck or direct, with push-in technology or threaded.
- Technologies offering the best compromise between safety, efficiency and adaptability.

Transair® is Suitable for Most Business Sectors

Recognised for its performance, Transair® is installed, from the technical room to the points of use, in most industrial sectors, such as:



For All Types of Projects

Transair® is the best choice for a new installation or extension

As a specialist in industrial fluid networks, Transair® offers an innovative solution that meets the users demands, whether for the energy source, the main ring or to feed the points of use:

- High flow performance for all diameters resulting in **higher efficiency**.
- **Air quality** (ISO 8573-1 class 1.1.1) from the production to the point of use.
- **Secured connection** regardless of the environment (compressor room, outdoor...).
- Lightweight and compact products to improve **working conditions** and provide **easy installation**.
- Quick and easy installation for easier maintenance and **reduced downtime**.
- Dismountable system and reusable products for **low depreciation** on capital.



Transair® is the best choice to retrofit old networks

Transair® is the economical, reliable and efficient alternative to traditional steel networks. Change old steel pipe network for Transair® to optimise your operation costs and to benefit from high impacts on your productivity:

- Lower roughness and larger inner diameter: **maximum flow 20% higher** than with steel pipe, **energy savings** in compressor.
- Corrosion free: **reducing the costs** of changing filter elements.
- Constant air quality for **reduction of maintenance costs** for machines and equipment.



Transair® for Industrial Vacuum

Industrial Applications

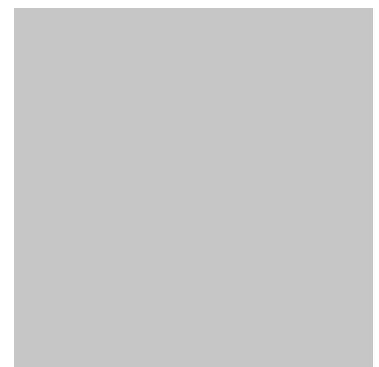
- **Aeronautics** (autoclaves)
- **Packaging** (gripping of packaging for industry)
- Soil remediation
- **Paper** industry
- **Textile** (weaving and spinning applications)
- **Tobacco** industry



Transair® Advantages for Vacuum Applications:

- **Vacuum Performance:**
10 mbar in absolute pressure
- **Air Quality:**
ISO 8573 : 2001 & 2010 Class 1.1.1.

- **Diameters up to 168 mm** to meet all requirements
- **Full flow** connection for a better aspiration
- Big diameters for a **maximum flow** on the machine connections
- **Optimum sealing** to guarantee the proper functioning of the machines
- Different colours of pipe for **easy network identification**
- **Sizing tool** to ease the project study (TVC)



Transair® for Inert Gas

Industrial Applications

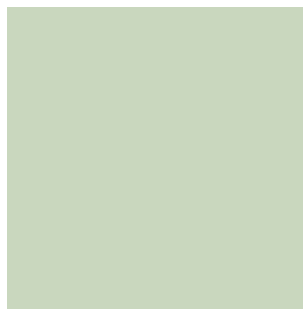
- Microbulk gas distribution systems
- Plasma cutting applications
- **Robotic** installations
- Manual and automated **welding operations**
- Agri-food (inerting of food products)
- **Laboratories**



Transair® Advantages for Inert Gas Applications:

- Suited for applications with: nitrogen, argon, CO2 and their mix (exhaustive list upon request)
- 99,99 % purity with nitrogen (100 ppm oxygen)
- **Air quality** ISO 8573 : 2001 & 2010 Class 1.1.1.

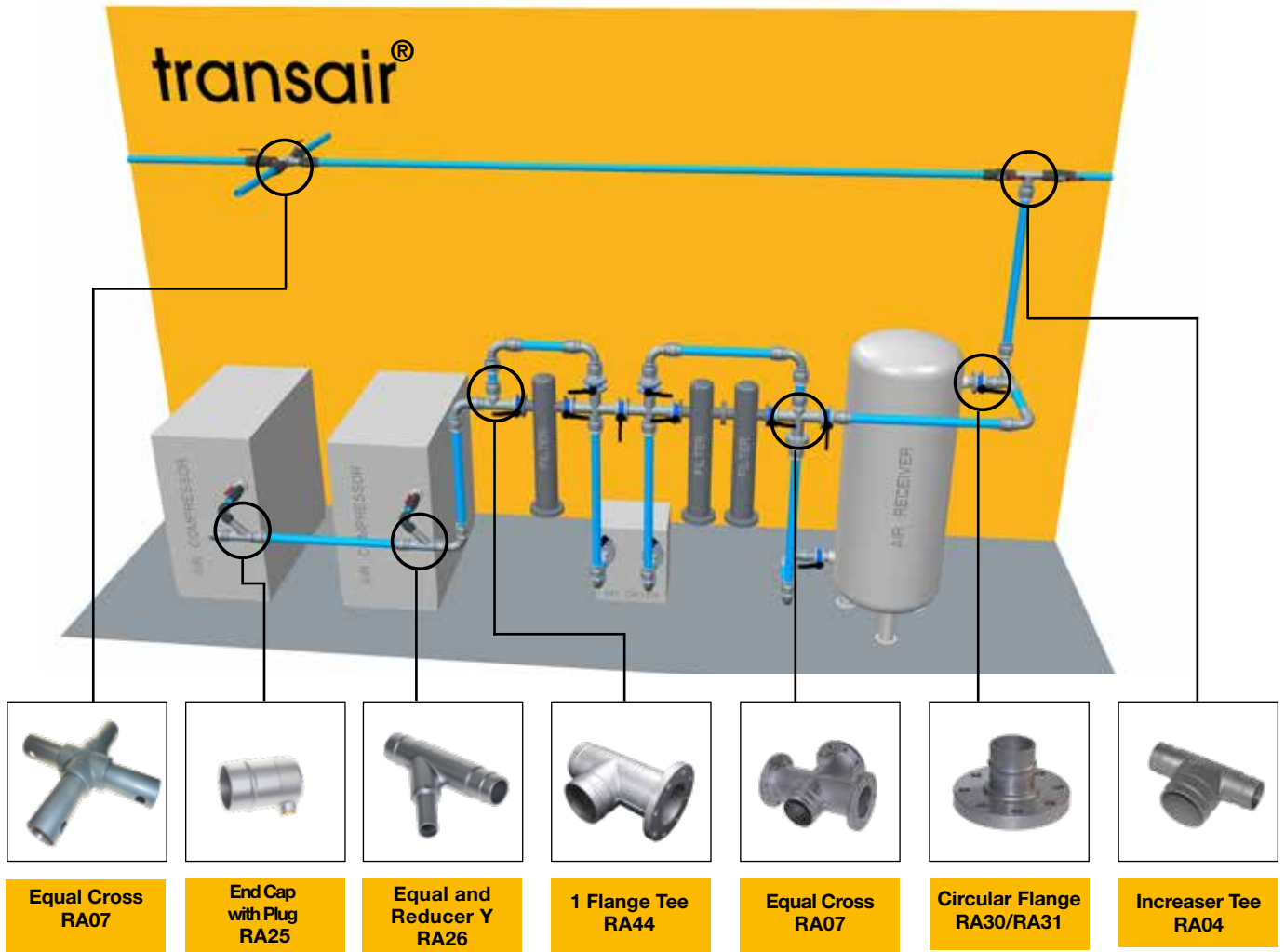
- Transair® materials allow to maintain **the quality of the conveyed gas**
- Optimum sealing of Transair® connectors allow to maintain **gas purity**
- 3 port threaded wall bracket to be used with **column flowmeters**
- Different colours of pipe for **easy network identification**
- **Sizing tool** for inert gas (TFC)



Transair® For Technical Rooms

Transair® has developed a range of products designed to meet the specific requirements of technical rooms, such as reduced space and the need for equipment maintenance operations, while preserving the historic advantages of Transair®: speed and ease of installation, flexibility, modularity, safety and performance.

All these products are made of aluminium and meet the requirements of **ISO 8573: 2001 & 2010 Class 1.1.1**, guaranteeing non-contamination of the fluid by solid particles, water, humidity or oil.



Transair® also Available in NPT/ANSI

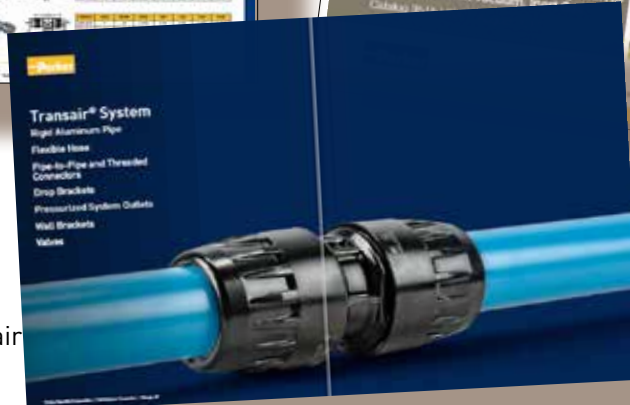


Transair® also offers its range of products, pipes and fittings, in NPT/ANSI version, for the North American market in particular.

Feel free to contact us for more information on these references: www.parkertransair.com

Available in diameters from 1/2" to 6", Transair® significantly reduces the plant's **energy costs** by increasing energy efficiency, **reducing pressure drops** and **eliminating leaks**.

Transair® compressed air systems integrate into existing copper and steel systems without compromising performance, making them ideal for **building retrofit** or **extension projects**.



US website: www.parker.com/transair
US catalog part number:
Catalog 3515/2/19