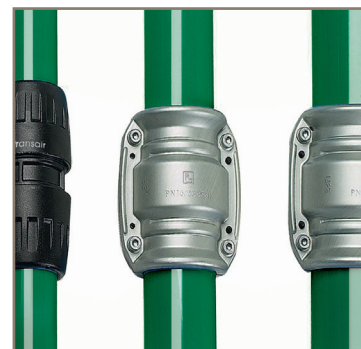




# Transair for Inert Gas

Products & Custom Solutions



ENGINEERING YOUR SUCCESS.

# Transair Modular Piping System



|                                     | ALUMINUM   | STAINLESS STEEL   |
|-------------------------------------|--|---|
| <b>Available Diameters</b>          | 1/2", 1", 1-1/2", 2", 2-1/2", 3", 4", 6", 8"   | 3/4", 1", 1-1/2", 2", 3", 4"  |
| <b>Available Colors / Materials</b> | Powered Coated Aluminum<br>Blue, Gray, Green   | <b>316L</b> (3/4" to 1")<br><b>304</b> (1-1/2" to 4")                                     |
| <b>Working Temperature</b>          | -4°F to +140°F @ 188psi (-20°C to +60°C)<br>-4°F to +113°F @ 232psi (-20°C to +46.1°C) | +14°F to +140°F (-10°C to +60°C)<br>+14°F to +194°F @ 100psi & FKM seals (-10°C to +90°C) |
| <b>Maximum Pressure</b>             | <b>1/2" to 4":</b> 232psi (15.9 BAR)<br><b>6" and 8":</b> 188psi (12.9 BAR)            | 145psi (10 BAR) @ +14°F to +140°F (-10°C to +60°C)  |
| <b>Media</b>                        | Compressed Air, Vacuum, Industrial / Inert Gas   | Compressed Air, Vacuum, Industrial / Inert Gas, Process Water, Chemical Transfer          |
| <b>Available Seals</b>              | NBR  | FKM or EPDM   |

## Benefits of Transair for Inert Gas

### Gas Consistency:

Transair components will not introduce new contaminants as the gas leaves the generation point and travels to the point of use.

### Easy Media Identification:

Transair aluminum piping is available in three highly visible colors: Blue, Gray, Green.

### Fast and Hassle-Free Installation:

Transair components assemble faster than copper or steel piping and require minimal tooling and no specialized labor. A new line in an existing system can easily be installed in 7 minutes!

### 10 Year Warranty:

Parker Hannifin Corporation warrants its Transair products to be free of defects in material and workmanship for 10 years from the date of installation.

### Energy Efficient:

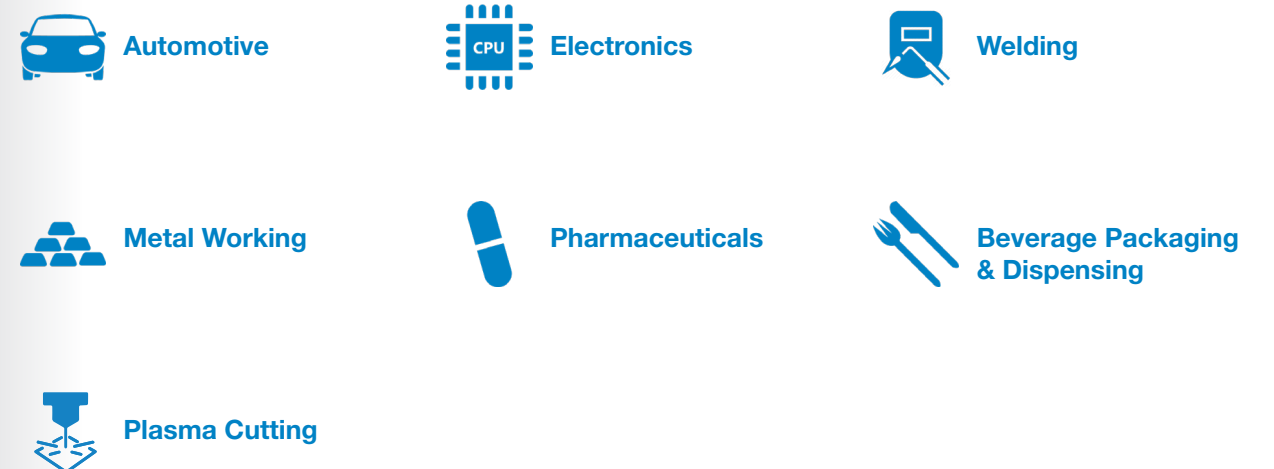
Transair's advanced sealing technology provides a tight seal to prevent even the smallest gas molecules (i.e. Helium) from escaping the system. This media leak prevention will reduce operating costs.

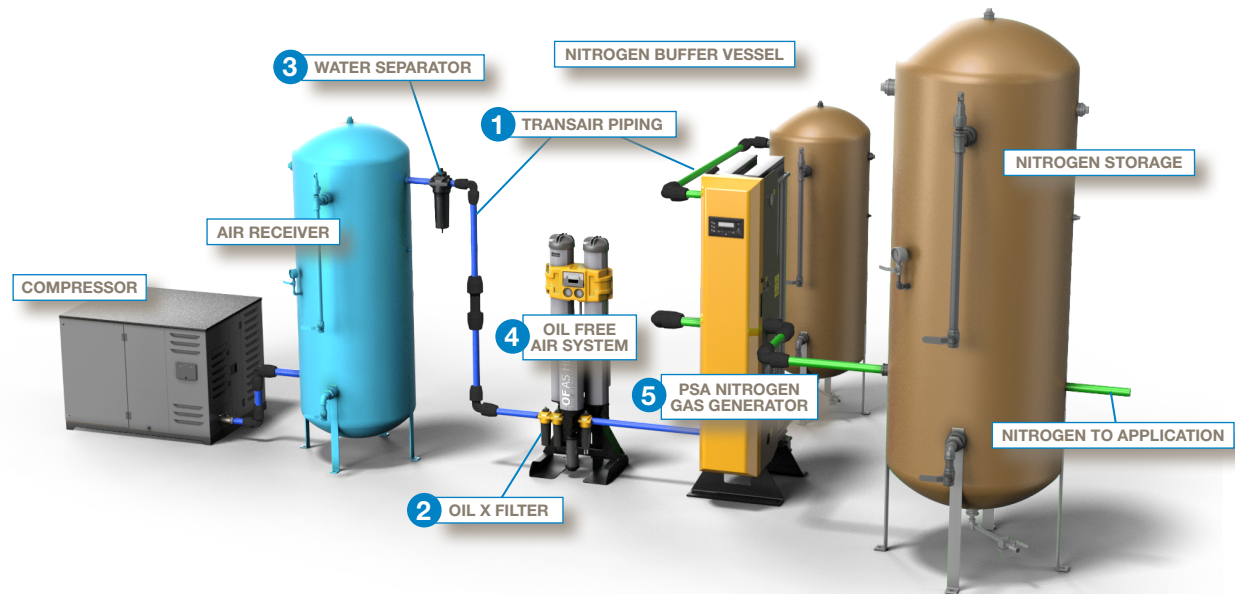


**A PIPING SOLUTION STRONG ENOUGH TO WITHSTAND INERT GAS**

## Typical Applications

Inert gases are widely used in most industries. Below are some of the common applications for inert gases.





## Featured Application | Food & Beverage

Nitrogen and other industrial gases traditionally have been delivered to the point of use by gas supply companies. These companies utilize refillable storage tanks that can be replaced or filled on-site. This method contains additional costs and extra process steps that may not financially benefit every application. For applications where nitrogen is constantly being used, on-site generation might be the more economical choice. Utilizing Parker's Transair piping with the equipment from Parker's Industrial Gas Filtration and Generation Division provides the end user with a single supplier source for on-site nitrogen generation and conveyance.



### 1. Transair Piping

**Transair aluminum and stainless steel piping systems** are manufactured with high quality materials to prevent corrosion and maintain the purity of the media being conveyed. A Transair system can be installed and modified fast, with minimal tooling, and with no specialized labor.



Scan the QR code for more info online.



For an in-depth review of **nitrogen generation in breweries**, download our whitepaper!



### 2. OIL-X Filter

The **OIL-X** range of die-cast compressed air filters has been designed to meet the air quality requirements of all editions of ISO 8573-1, when validated in accordance with the stringent requirements of ISO 12500-1. OIL-X provides a filter and element combination where the differential pressure starts low and stays low to maximize energy savings and provide the lowest lifetime costs without compromising air quality.



Scan the QR code for more info online.



### 3. OIL-X Evolution Water Separator

The OIL-X Evolution Water Separator features superior performance of removing bulk liquid contamination from compressed air. Installing the water separator filter shortly after the air compressor reduces downtime and maintenance costs associated with downstream equipment.



Scan the QR code for more info online.



### 4. OFAS

Parker's **Oil Free Air Systems (OFAS)** are a range of heatless desiccant dryers which have been third party validated by Lloyds register to provide ISO 8573-1 Class 0, with respect to total oil from both oil lubricated and oil free compressors, ensuring the highest quality air at the point of use for critical applications. The fully integrated heatless compressed air dryer and filtration packages are suitable for use with any compressor type and can be installed in the compressor room or at point of use.



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### 5. NITROSource

The **NITROSource** nitrogen gas generators unique design and advanced energy saving technology means less compressed air is needed to generate more nitrogen than any other gas generator currently available. Supported by substantially lower servicing costs, reduced downtime and a longer working life than comparable nitrogen generators, NITROSource offers the most cost-efficient nitrogen supply available; significantly more affordable and safer than traditional delivery methods of supply, such as gas cylinders and mini bulk storage.



Scan the QR code for more info online.

# Parker Fluid Connectors Group

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**Your complete source** for quality tube fittings, hose & hose fittings, brass & composite fittings, quick-disconnect couplings, valves and assembly tools, locally available from a worldwide network of authorized distributors.

### **Fittings:**

Available in inch and metric sizes covering SAE, BSP, DIN, GAZ, JIS and ISO thread configurations, manufactured from steel, stainless steel, brass, aluminum, nylon and thermoplastic.

### **Hose, Tubing and Bundles:**

Available in a wide variety of sizes and materials including rubber, wire-reinforced, thermoplastic, hybrid and custom compounds.

### **Worldwide Availability:**

Parker operates Fluid Connectors manufacturing locations and sales offices throughout North America, South America, Europe and Asia-Pacific.

**For information,** call toll free...

**1-800-C-PARKER  
(1-800-272-7537)**

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