



## Transair® at a Glance

### Advanced Pipe Systems for Industrial Fluids

Diameters 16.5, 22, 25, 28, 40, 42, 50, 60, 63, 76, 100 and 168mm  
Compressed Air - Vacuum - Inert Gas - Industrial Water and Oil

In compliance with PED 2014/68/EU



ENGINEERING YOUR SUCCESS.

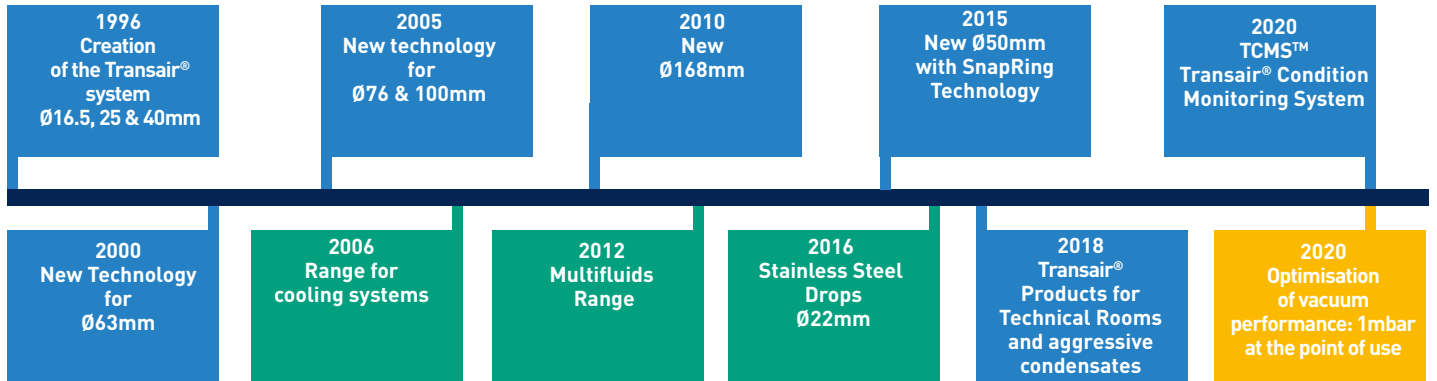
# Transair®

## A Business Unit of Parker Hannifin Corporation

Parker Hannifin is the world leader in motion and control technologies, working as partner with its customers to increase their productivity and profitability.  
 Within Parker, Transair® is the business unit specialising in projects for industrial fluid networks.

### Transair®: 25 Years of Innovation

Transair®, the original modular pipework system, was launched in 1996. Since then, continual improvements have been made to meet the **compressed air, inert gas, vacuum, industrial water and oil** networks requirements.



### Transair® is Suitable for Most Business Sectors...



- Automotive
- Aerospace
- Plastic Industry
- Textile Industry
- Railway
- Logistics
- Food & Beverage
- Electronics
- Construction
- Laboratories/ Pharmaceutical industry

.... and for Numerous Fluids



- Compressed Air
- Vacuum
- Inert Gas
- Industrial Water
- Industrial Oil



# Transair® Tools and Services

The Transair® offer combines a wide range of tools and services to **support every step** of a project for industrial fluid networks: design, estimation, delivery and installation.



## Estimation

**3 tools available online** to calculate the budget of a Transair® network according to the project status:

- **Pre-quote tool** to estimate the necessary budget in a few seconds
- **Quote tool** to determine the most accurate bill of material and associated budget
- **Transair® Energy Efficiency Calculator** evaluates the return on investment of a Transair® solution compared to a traditional steel network, for compressed air network projects - new or replacement

More information from [www.parkertransair.com](http://www.parkertransair.com)

## BIM: Building Information Modeling

To be BIM compatible, all Transair® families are available, in REVIT format, in LOD (Level Of Detail) 200 and 400.

More information from: [www.parkertransair.com](http://www.parkertransair.com)



## Project Support

A **dedicated team** to support complex Transair® projects, including **technical studies, estimations** of installation times, detailed **bill of material** and related weight/volume.

Available at [transair.quotation@parker.com](mailto:transair.quotation@parker.com)

## GeoLoc The Geolocation service proposed by Transair®

- **Transair® real-time delivery tracking service**, from the shipping site to the work site
- **Built-in GSM beacon** for on-site direct deliveries
- **Localisation of deliveries** throughout the shipment
- **Optimised organisation** of work sites



## Installation

Our teams and partners are available to accompany you at any time on a construction site.



**Transair®  
Wide Product  
Range**

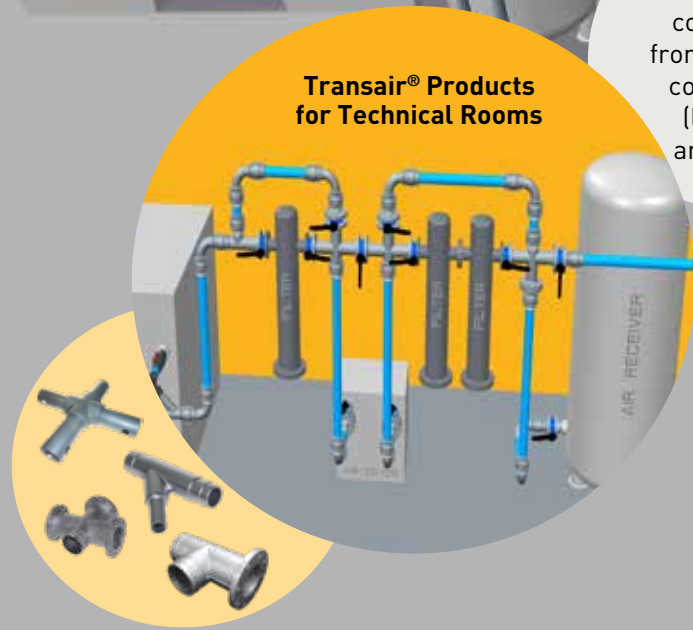


**Wireless sensors  
designed  
for Transair®  
for continuous remote  
condition monitoring  
of a compressed air  
system**



**Compatible  
with aggressive  
condensates  
from all kinds of  
compressors  
(lubricated  
and oil-free)**

**Transair® Products  
for Technical Rooms**



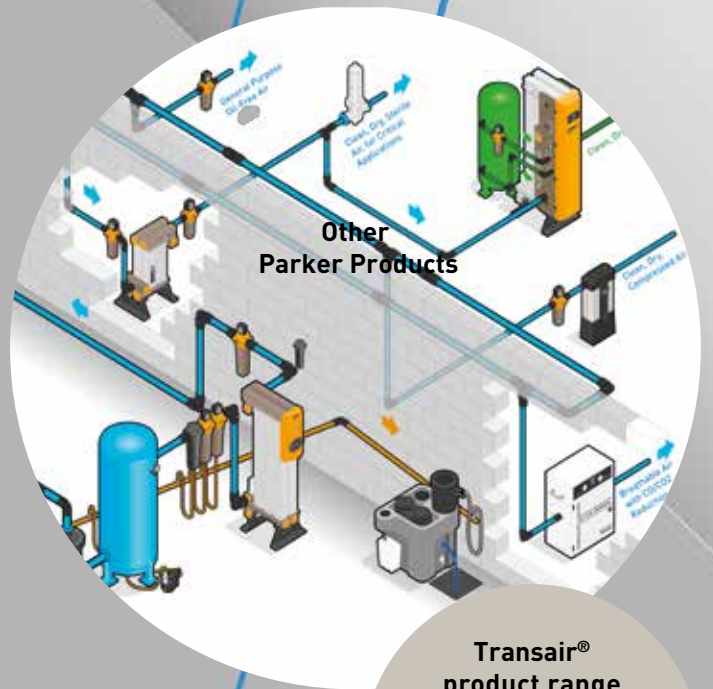
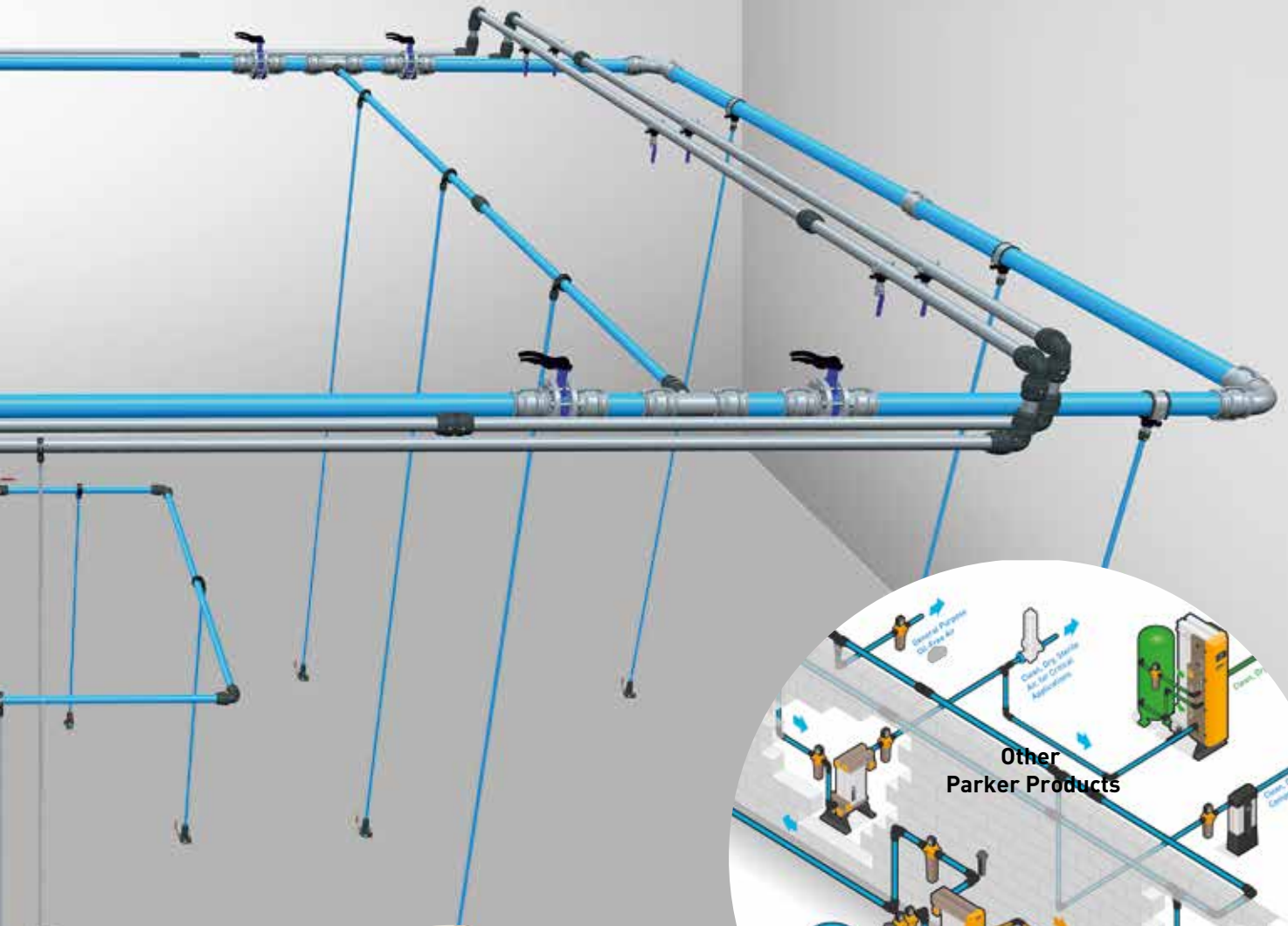
**TCMS™ Blue  
Transair® Condition  
Monitoring System  
  
Bluetooth  
Version**

**A Bluetooth  
wireless sensor  
solution  
for the instant  
measurement, on site,  
of your compressed air  
networks**



TCMS™ Gold  
Transair® Condition  
Monitoring  
System  
Cloud version

# Transair®, from the Technical Room ... ... to the Heart of Production



Transair®  
Stainless Steel Drops  
for Harsh Environments

Transair®  
product range  
is part of  
Parker full offer  
for compressed air  
and gas  
treatment.

## Aluminium Range

### Diameters (in mm)

16.5 - 25 - 40 - 50 - 63 - 76 - 100 - 168

### Maximum Working Pressure\*

16bar (-20°C to 45°C) up to 100 mm  
 13bar (-20°C to 60°C) for all diameters  
 7bar (-20°C to 85°C) for all diameters

**Working Temperature:** -20°C to 85°C

### Vacuum Level

99,9% (1mbar absolute pressure)

\*TÜV Certification

## Stainless Steel Range

### Diameters (in mm)

22 - 28 - 42 - 60 - 76 - 100

### Maximum Working Pressure\*

10bar (-20°C to 60°C) for all diameters  
 7bar (-20°C to 90°C) for all diameters

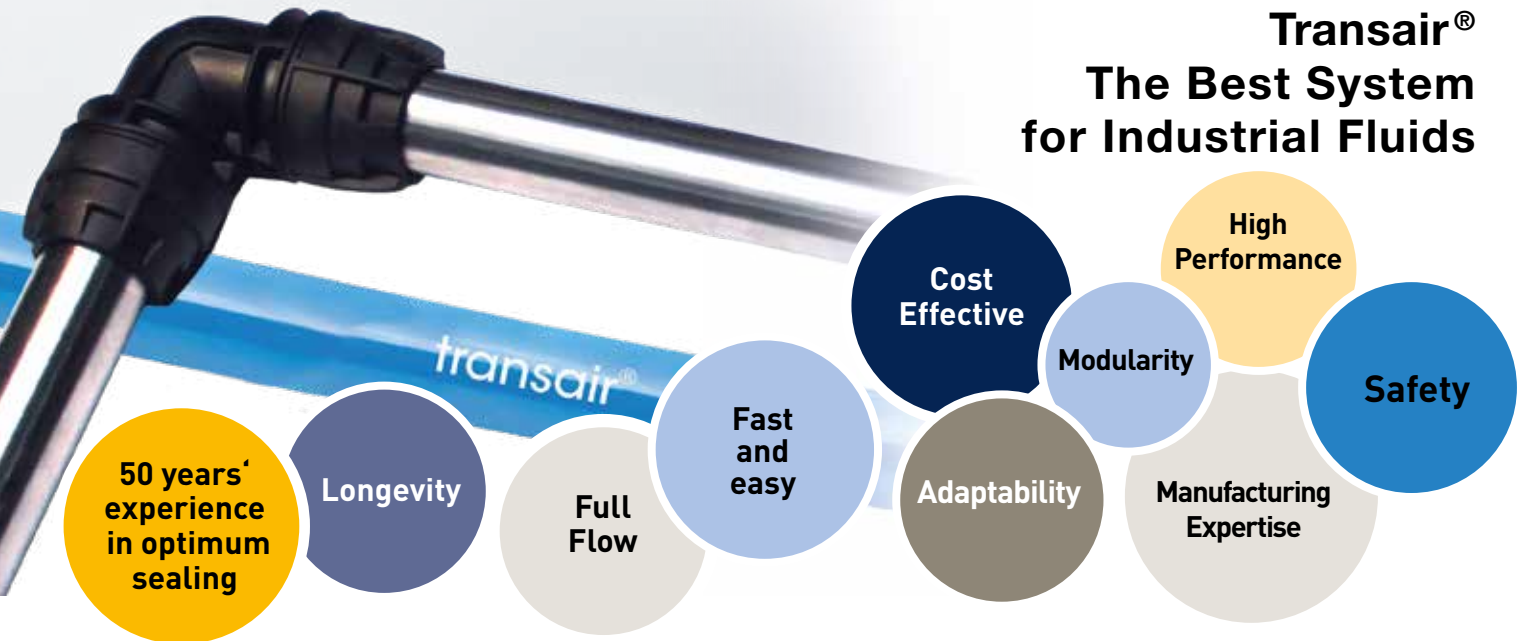
**Working Temperature:** -20°C to 90°C

### Vacuum Level

99,9% (1mbar absolute pressure)

\*TÜV Certification

## Transair® The Best System for Industrial Fluids



## Reliable and Safe Connection Technologies

Because users need versatile but reliable and safe solutions, Transair® has developed different technologies for the best compromise between safety, efficiency and adaptability.

### Gripping Ring Instant Connection

Ø16.5mm  
 Ø25mm  
 Ø40mm



### Frequency of Modifications

+++++  
 (every quarter)

### Mechanical Stress due to Pressure

+  
 (up to 250 kg)



Ø22mm  
 Ø28mm

### SnapRing Quick-fit Connection

Ø50mm  
 Ø63mm



+++  
 (every year)

++  
 (up to 600 kg)



Ø42mm  
 Ø60mm

### Lug & Clamp Quick-fit Connection

Ø76mm  
 Ø100mm  
 Ø168mm



+  
 (every 3 years)

+++++  
 (up to 3000 kg)



Ø76mm  
 Ø100mm

## Quality System

- Transair® products are **robust**, **100% tested** and **controlled** in production.
- All products are **marked individually** for **optimum follow-up**.
- Certificates of Origin are available upon request.



## Safety First

- Transair® complies with the PED 2014/68/EU and ASME B31.1 ensuring a **high level of safety**.
- Transair® **lightweight, modular and flexible** system improves working conditions and **drastically reduce risk of workplace accident**.
- All Transair® core ranges products are **non flammable**, without flame propagation, according to Euroclass EN13501.



## Environment

Parker is certified **ISO 14001** for its Environmental Management System. All Transair® products are in compliance with the **REACH** and **ROHS** directives which limit the use of hazardous substances.



## Long Term Commitment

Parker **guarantees** its Transair® products to be **free of defects** for a period of **ten (10) years** from the date of installation.



# Parker Worldwide

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