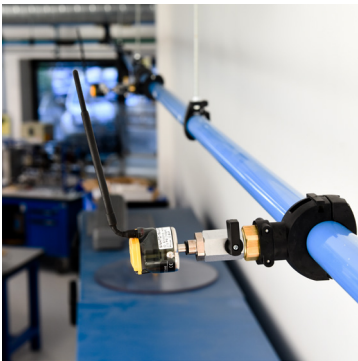




Transair® Condition Monitoring System For Compressed Air

European Market - Cloud Version



ENGINEERING YOUR SUCCESS.

Transair® Condition Monitoring System: Wireless

Let Transair® Condition Monitoring System

MONITOR your compressed air network,
ALERT you before issue escalation
to **REDUCE DOWNTIME** and
INCREASE PRODUCTIVITY.



Concept

Wireless sensors
designed for
Transair® modular pipework
for **continuous remote**
condition monitoring
of a compressed air system,
from the compressor room
to the machines
and equipment

Purpose

The system
provides you with
real time data,
anytime, anywhere
to make **the right decisions**
for managing
your compressed air system
in a **proactive way.**

Advanced Measurement Technology



Transair® Condition Monitoring System

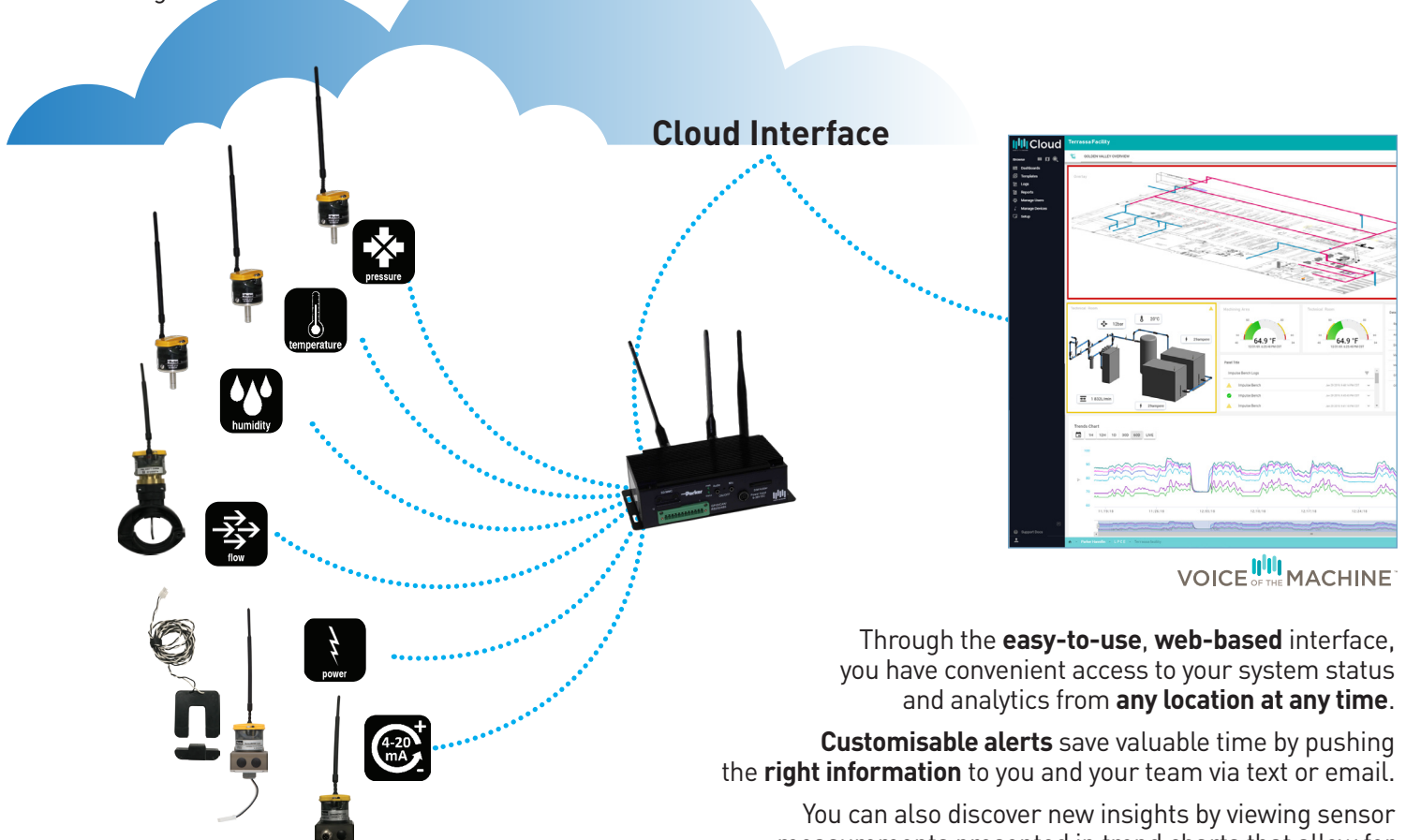
Technical Features

- **Wireless** system and **standalone** sensors
- **Measurements:** pressure, temperature, power, humidity, flow
- **Pressure/temperature/humidity sensors:** ready to install, equipped with push to connect technology
- **Flow sensor:** pre-calibrated and pre-mounted with a **Transair® bracket** from Ø25mm to Ø168mm
- **Power sensor:** openable coil technology
- Additional **4-20 mA transmitter** equipped with magnetic base to connect your existing wired devices
- **For compressed air**
Pressure: 0 to 16 bar
Temperature: -40°C to +85°C
(for vacuum and inert gas, please contact us)
- **868 MHz frequency**
(other frequency available upon request)
- **Certifications:**
   
- **IP 65**
- **2 years battery** duration
- **2 years guarantee**



System Architecture

Autonomous sensors and collection server reporting to a **cloud-based** fully customisable interface, through **secured** GSM or LAN communication mode



Through the **easy-to-use, web-based** interface, you have convenient access to your system status and analytics from **any location at any time**.

Customisable alerts save valuable time by pushing the **right information** to you and your team via text or email.

You can also discover new insights by viewing sensor measurements presented in trend charts that allow for **historical trending** and **direct data** download.

Advantages and Benefits

- Easy to install plug & play system
- Low capital investment
- Continuous and consistent remote monitoring
- Alert management
- Visual management
- Identification of improvement opportunities
- Issue identification before escalation

- Peace of mind
- Electricity cost savings
- Maintenance cost savings
- Downtime prevention
- Productivity optimisation
- Extension of asset life of capital investment
- Contribution to ISO 50001 certification

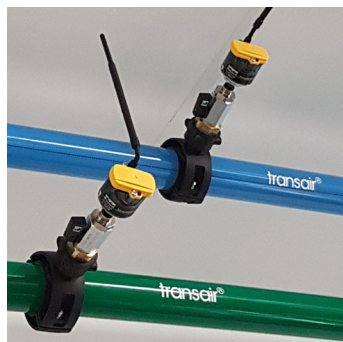


**Data Review
Anytime
Anywhere**



**Plug
and
Play**

**Full
Standalone
Wireless
System**



**Designed by
Compressed Air
Specialists**



Transair®

Advanced Pipe Systems for Industrial Fluids



ALUMINIUM RANGE

- **Calibrated Aluminium Pipe**
Qualicoat Painting
- **Diameters (in mm)**
16.5 - 25 - 40 - 50 - 63 - 76 - 100 - 168
- **Colours**
Available in blue - grey - green
Other colours upon request
- **Maximum Working Pressure**
 - 16 bar (-20°C to 45°C) up to 100 mm
 - 13 bar (-20°C to 60°C) for all diameters
 - 7 bar (-20°C to 85°C) for all diameters
- **Vacuum Level**
99% (10 mbar absolute pressure)
- **Working Temperature**
-20°C to 85°C
- **NBR Seals**
- **Compatibility**
Lubricated or oil-free compressed air, industrial vacuum, nitrogen (99.99% purity), inert gas

STAINLESS STEEL RANGE

- **Stainless Steel Pipe**
AISI 304 or 316L
- **Diameters (in mm)**
22 - 28 - 42 - 60 - 76 - 100
- **Maximum Working Pressure**
 - 10 bar (-20°C to 60°C) for all diameters
 - 7 bar (-20°C to 90°C) for all diameters
- **Working Temperature**
-20°C to 90°C
- **EPDM or FKM Seals**
- **Compatibility**
Cooling water, industrial water with additives, lubricating oil, compressed air, vacuum, inert gas

Certification



Transair®: Tools and Services



Transair® General Catalogue

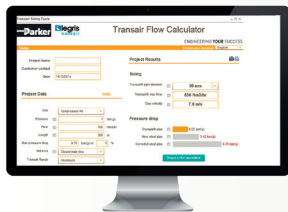
Gathers all information, regarding Transair® aluminium and stainless steel product ranges.

Available for download on www.parkertransair.com



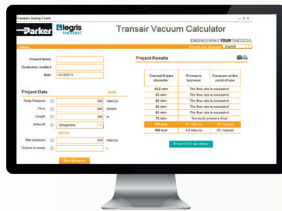
Transair® Available for BIM

BIM - Building Information Modeling - is a collaborative e-platform of a construction project, gathering all the actors of this project, according to a common language. All Transair® families are now available, in REVIT format, in **LOD (Level Of Detail) 200 and 400**.



Transair® Flow Calculator

Defines the recommended diameter for your project, estimates your pressure drops and gives the maximum flow rate by diameter.



Transair® Vacuum Calculator

Helps you to size and compare vacuum systems quickly and easily.



Transair® Energy Efficiency Calculator

Evaluates the energy cost of your system and return on investment of a Transair® solution.



Transair® CAD Drawings

View or download Transair® CAD drawings in real time in 2D or 3D.



Transair® Website: www.parkertransair.com

Gives you access to extensive information about the Transair® system, technical data, examples of existing networks and a download centre for catalogues, manuals, software and brochures.



Transair® Quotation Service: transair.quotation@parker.com

Gives you a budgeted or detailed quotation for your project and its implementation.

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CL – Chile, Santiago

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MX – Mexico, Toluca

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European Product Information Centre

Free phone: 00 800 27 27 5374

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SE, SK, UK, ZA)

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