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Transair: Advanced Air Pipe Systems

For the Food and Beverage Industry



ENGINEERING YOUR SUCCESS.

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Innovative Compressed Air Piping Systems

For the food and beverage industry, Parker Hannifin delivers quality compressed air for superior operational capacity.

Transair is a fast, flexible and easy to modify aluminum pipe system for compressed air applications. Quick connections eliminate the need to thread or solder pipe. The lightweight aluminum pipe is easy to handle and safe to work with on elevated platforms. Transair offers significant savings on installation, maintenance and operating costs, making it the most cost effective and efficient pipe system for compressed air.

Transair systems lead the market in compressed air piping solutions:

- Energy efficient
- Significantly improves lean production
- Modular in design
- Consistently provides clean dry air
- Easily Integrated into existing systems
- Built to last
- Easy to install



Clean and Robust

Transair's distinct elements make it ideal for the food and beverage industry.

In addition to its professional clean look, ease of use and flexibility, Transair pipe is manufactured with a protective coating suitable for washdowns that are typical in the food and beverage industry. The exterior of the pipe is powder coated with Qualicoat in order to enhance mechanical, physical and chemical properties.

Qualicoat is an international trademark for powder coated aluminum products. Transair's Qualicoat certification guarantees a high quality external surface and its durability against the outside environment (scratches, resistance to dust etc), which increases the chemical resistance and promotes a clean environment.

Transair's additional benefits include:

- Quick connection technology
- Removable and reusable
- No corrosion
- Full-bore design
- Lower install costs
- Optimum flow rate
- Leak-free guarantee
- Immediate pressurization
- Expansion/contraction motion allowed
- Lightweight



The Most Versatile Piping System Available

Transair offers a modular compressed air system that offers both lower installation costs and lower long-term operating costs.

Successful plant operations need to be able to take advantage of new equipment options and automation techniques without incurring lengthy downtime and expense. Consequently, the ability to reconfigure production layouts or implement process changes quickly is critical. Transair makes reconfiguration practical and efficient compared to traditional copper and steel piping solutions.

Fast to install and easy to modify, Transair is the most versatile compressed air piping system available. Labor accounts for only 20% of the installation cost for Transair as compared to 50 to 80% of installing steel or copper systems.

Transair's components are also removable and interchangeable and enable manufacturing plant personnel to implement many layout changes within minutes, not hours. This minimizes downtime and increases plant productivity and efficiency.

Transair can also be easily integrated into existing copper and steel piping without compromising performance, making it ideal for upgrades or expansion projects that are typical within the food and beverage industry.

Installation comparison:

- Galvanized pipe: 6 feet per hour
- Copper pipe: 8 feet per hour
- Transair pipe: 45 feet per hour

Example of the installation time for a Transair drop:

- Lateral dismantling of pipe: 1 minute 30 seconds
- Drilling of pipe: 2 minutes 30 seconds
- Mounting Brackets: 45 seconds
- Remounting of pipe to the system: 1 minute 30 seconds

Transair in the Food and Beverage Sector:

- Stroehmann Bakery
- Quaker Oats
- Gold Kist
- Signature Foods
- Tropical Paradise Juice

Technical specifications:

- Maximum working pressure: 232* psi from -4°F to +115°F
- Vacuum: 98.7% (29.6" Hg)
- Working temperature: -4°F to +140°F
- Pipe sizes:
 - 16.5 mm (1/2")
 - 25 mm (7/8")
 - 40 mm (1 1/2")
 - 63 mm (2 1/2")
 - 76.2 mm (3")
 - 101.6 mm (4")
 - 168 mm (6")

*Max. working pressure for 6" is 188 psi

