THIS IS COST EFFICIENCY

Transair® compressed air aluminum piping system

Installs six times faster

Quick connections – no threading or soldering

No special tooling required

Parker Transair compressed air piping and connectors help contractors build cost efficient air systems that are leak- and corrosion-free, while offering a sustainable, reusable and recyclable solution.

www.parker.com/transair

Parker

ENGINEERING YOUR SUCCESS.

Parker Hannifin manufactures a robust piping system with superior operational efficiency perfectly suited for all industrial applications.

Transair® is a fast, flexible and easy to modify aluminum pipe system for compressed air, vacuum and inert gas applications. Transair components are reusable and interchangeable, which enables immediate and easy layout modifications. Unlike the performance of steel or copper, which degrades over time due to corrosion, Transair provides clean air quality with optimum flow rate performance.

Transair also offers significant savings on installation, maintenance and operating costs when compared to traditional pipe. The quick connections eliminate the need to thread, solder or glue pipe. With Transair, labor accounts for only 20 percent of installation costs, but with steel or copper, labor accounts for 50 - 80 percent of the installation cost. Transair's aluminum pipe system also significantly reduces plant energy costs by increasing efficiency, reducing pressure drops and eliminating leaks.

	Transair	Threaded Carbon Steel	Copper
Pipe Schedule	Aluminum	Sch 40	Type L
Material			
Pipe	$ 2,073.75	$ 1,935.60	$ 2,880.00
Fittings	$ 1,207.15	$ 113.38	$ 250.30
Material Total	$ 3,280.90	$ 2,048.98	$ 3,130.30
Labor Hours	22.35	82.21	60.42
Labor Cost at $65/man hour	1,459.90	5,343.65	3,927.30
Total Cost	$ 4,740.80	$ 7,392.63	$ 7,057.60
Transair Savings			
Man-hours Savings		73%	63%
Total Installed Cost Savings		36%	33%

MATERIAL LIST: 500 feet of pipe, 16 elbows, 7 tees, and 10 couplings (unions). Comparison is Transair 40 mm versus 2" pipe. Labor rates from MCAA manual are factored by 0.70, which is typical for estimating field jobs.

Transair benefits

- Quick connection technology
- Energy Efficient
- Modular and reusable
- No corrosion
- Full-bore design
- Lower installation costs
- Optimum flow rate
- Leak-free guarantee
- Immediate pressurization
- Lightweight

Suitable fluids

- Compressed air (dry, wet, lubricated)
- Vacuum
- Inert gases

(Please consult us for other fluids)

Maximum working pressure

188 PSI from -4°F to +140°F
232 PSI from -4°F to +115°F
(*Max. working pressure for 6" is 188 PSI)

Vacuum level: 8.7 % (29.6" Hg)

Temperature range

Working: -4°F to +140°F
Storage: -40°F to +176°F

Increase your plant's productivity with the installation of SCOUT Technology.

SCOUT™ Technology puts vital information and analytics in the palm of your hand. This is critical since compressed air systems are complex and often grow over time. With constant system monitoring using meaningful KPIs; operators, supervisors, and management are kept informed and constructive energy management is possible. Up to 85% of total costs of a compressed air system are energy costs. Investment in air monitoring and system equipment pays off.

SCOUT Technology is a state-of-the-art wireless solution that enables you to view the performance of a compressed air system 24 hours a day through a web-based dashboard. Data is gathered, compared, and analyzed; therefore, providing customers with both a quick snapshot and a complete in-depth analysis of the demand of a compressed air system. Rfc b_qf`m_pb qd sjjw customizable to fit your data monitoring needs.

With SCOUT Technology's sophisticated wireless technology and user-friendly interface, users can easily view job-critical information to ensure a compressed air system is running optimum levels. Customized alerts forewarn plant personnel of any compressed air performance changes.

10/17 BUL.3516-TRN

Parker Hannifin Corporation
Fluid System Connectors Division
7205 E. Hampton Ave.
Mesa, AZ 85209
phone 480 830 7764
fax 480 325 3571
www.parker.com/transair