

AIRNET



Quality Piping Solution



www.airnet-system.com

fast / easy / reliable

FAST

Designing and installing a piping system used to be cumbersome, complex and above all: time consuming. Now, with AIRnet, you can get down to business in no time. Welcome to the fast lane.



READY? SET? DONE!

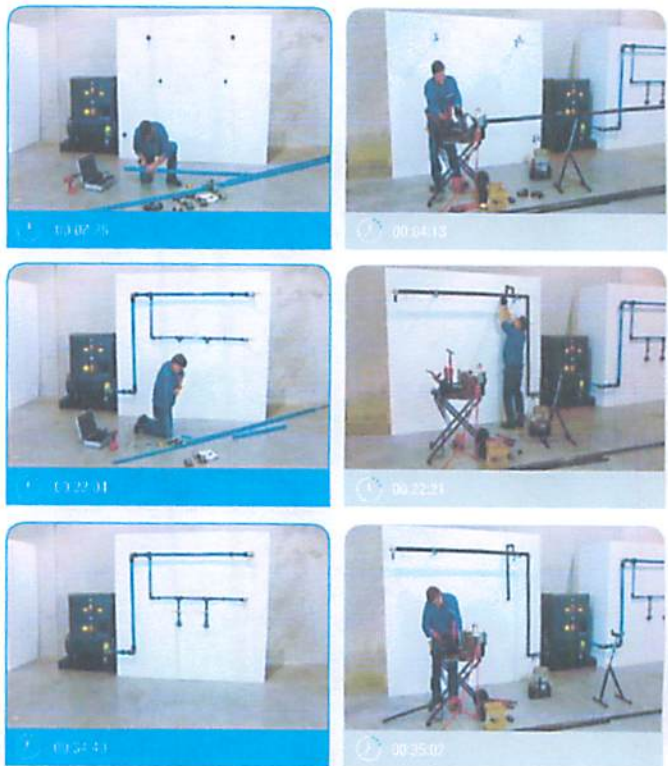
- The lightweight AIRnet aluminum pipes and polymer fittings require no complex tools.
- The pipes are easy to cut and the polymer fittings ensure a perfect alignment instantly.
- AIRnet is adaptable to any existing pipe work.

You simply cannot beat the speed of AIRnet installation. Assembling a similar installation with traditional piping will take you more than three times as long.

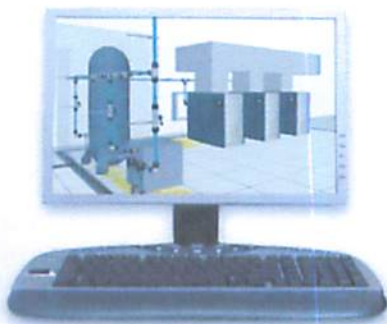
DOWN WITH DOWNTIME

- Unlike other piping systems, AIRnet does not require additional treatment such as painting. In compliance with industrial standards, AIRnet pipes are standard painted blue or green for simple network identification.
- The system can be pressurized immediately after assembly, limiting downtime to an absolute minimum.

AIRnet vs traditional



AIRnet saves you 70 % on installation time vs. traditional piping systems



FROM DESKTOP TO WORKSHOP - THE SHORTCUT

- The AIRnet Planner is a unique software tool to quickly design and quote an AIRnet installation.
- It provides a detailed network structure and calculates the pressure drop in the system.
- The AIRnet planner creates the bill of material, lists the exact number of pipes and fittings needed and calculates the assembly time.

EASY

Why do things the hard way? With AIRnet there is no need for extra manpower. No complicated tools. In short: no-nonsense.



TWO IS A CROWD

- While solid and robust, aluminum AIRnet pipes weigh five times less than galvanized pipes. That is why only one person is needed to safely handle and install them.

AIRnet can easily be installed by just one technician. Due to the heavy materials and the use of large and complex tools, traditional piping assembly requires at least two mechanics.

ALIGNED WITH THE FUTURE

- Future extensions to an AIRnet installation are just as easy. Additional piping is simply plugged into the existing network without additional modifications.
- All AIRnet fittings and pipes can simply be reused after they have been disassembled.

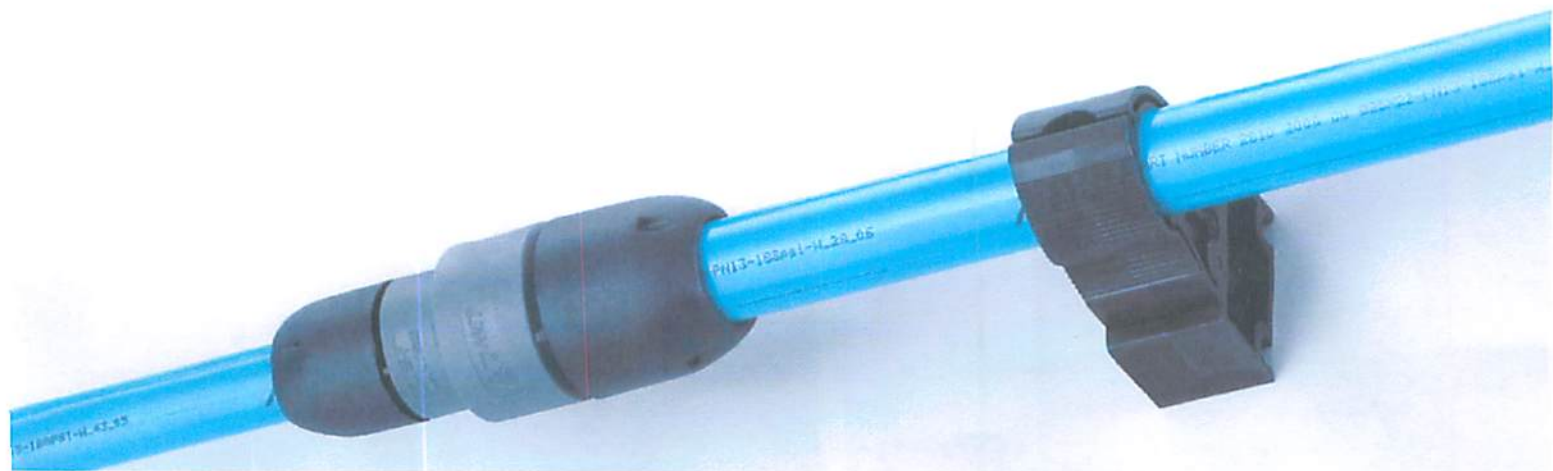


3 simple steps:
CUT to length and deburr
INSERT in the fitting on the
marked depth
SECURE and tighten correctly

FOR SALE: HEAVY MACHINERY

- The speed and ease of use of AIRnet has a lot to do with the absence of complex tools. No welding, gluing or crimping is required. Welding or lathe machines, as well as the necessary skills to use them, are a burden of the past.

AIRnet tools are light-weight and easy to use. Traditional piping involves heavy machinery.



RELIABLE

Fast and easy does not mean quick and dirty. The unsurpassed reliability of AIRnet is not a hollow promise; it is a solid 10-year guarantee.



THE RIGHT STUFF

- AIRnet consists of aluminum and polymers. These highly durable materials make it suitable for compressed air as well as for vacuum and Nitrogen gas.
- The AIRnet piping system is resistant to corrosion, mechanical shocks, thermal variations and outdoor weather conditions.
- Thanks to consistently clean quality air, AIRnet protects the downstream manufacturing process and contributes to equipment longevity.
- The AIRnet leak-resistant connections offer superior sealing.
- The low friction factor of aluminum and the seamless connections minimize pressure drop.
- Thanks to the low pressure drop and bigger inner diameter, high efficiency is achieved.

All AIRnet products come with a 10-year warranty on all fittings and pipes, against any damages resulting from material defect

AIRnet

100 % corrosion-free aluminum

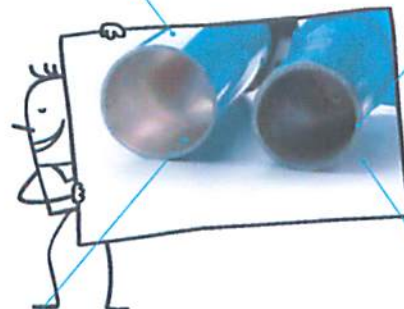
No pressure drop
No leaks over time
No risk of corrosion when cutting

Large inner diameter

Optimal capacity

Smooth inner surface

Keeps the air or gas clean
Low friction means low pressure drop



Traditional galvanized systems

Rough inner surface

Risk of impure gas or air
Friction factor almost double

Smaller inner diameter

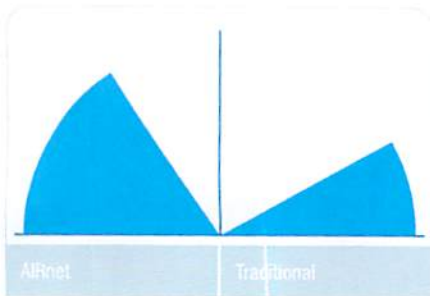
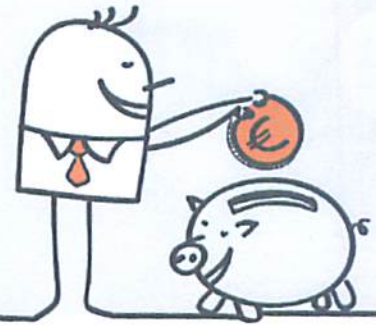
Less capacity

Corrosion protection depends on galvanization quality

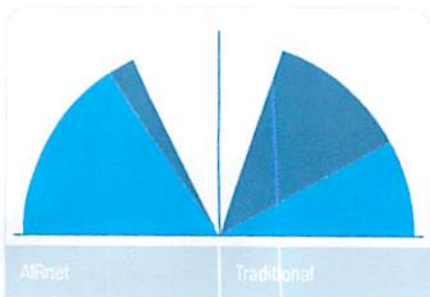
Pressure drop
Risk of leaks over time
Cutting damages the galvanization

THE BOTTOM LINE

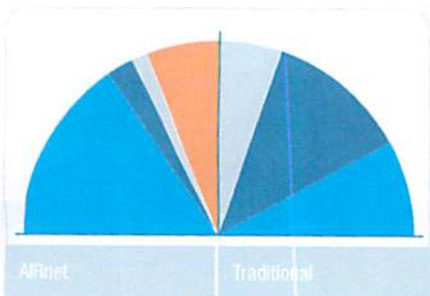
AIRnet beats other piping systems in term of speed, ease of use and reliability. And here is the good news: AIRnet offers more savings as well.



Quality solutions come at a price. But if you look at the total cost of ownership of a piping system, AIRnet proves to be the most cost-effective solution. Let's do the math.



AIRnet is installed 70 % faster and by one single technician, reducing the labor cost. All system extensions and modifications can be done equally fast.



In a compressor installation, a 1 bar pressure drop leads to 7 % more energy consumption. AIRnet offers minimal pressure drop and thus more savings. The leak-resistant and corrosion-free pipes and fittings prevent downtime and ensure high efficiency.

- Material Cost
- Labor
- Leaks and Pressure Drop
- SAVINGS

The unique benefits of AIRnet effectively reduce the cost of ownership of your piping system.

fast

Thanks to a smart design and low weight materials, AIRnet can be installed 70% faster than conventional systems.

easy

AIRnet pipes and fittings are assembled in just a few steps by a single installer, without the need for heavy machinery.

reliable

The durable, corrosion-free AIRnet pipes and fittings come with a 10-year warranty. Low friction and seamless connections minimize pressure drop.

Your Dealer

97/23/EC
ASME B31.1
EN755
Qualicoat
Test in accordance with EN 10204
TUV Certification DR97/23/EG art. 3.3