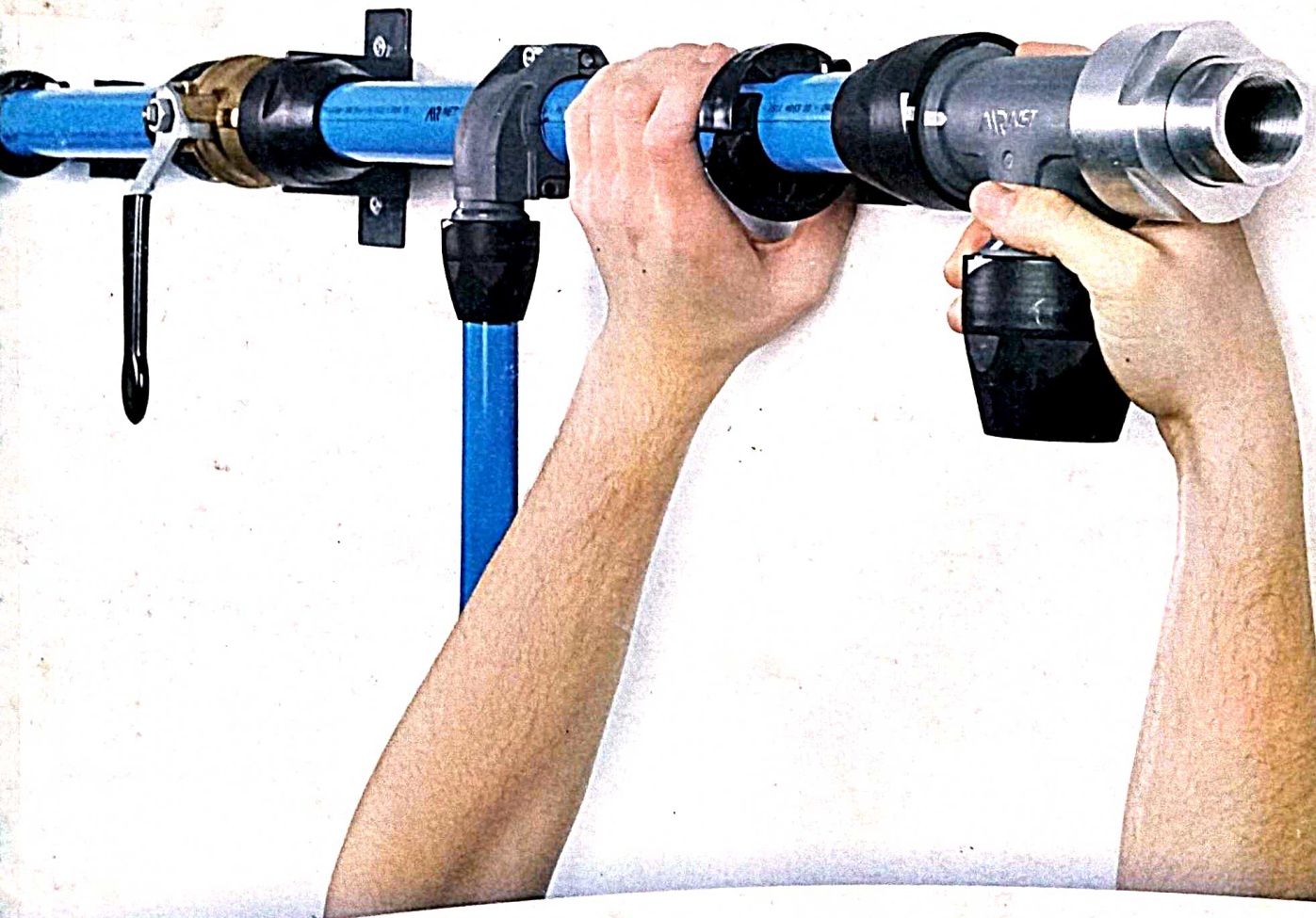


# AIRNET



## THE HANDS-ON PIPING SYSTEM

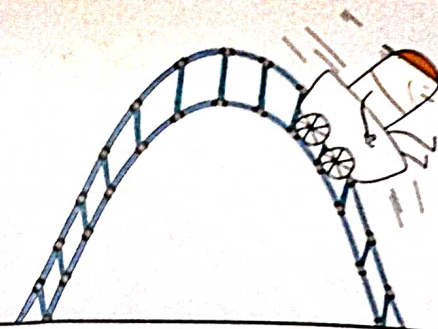
[www.airnet-system.com](http://www.airnet-system.com)  
Sales: [info.compressor@in.atlascopco.com](mailto:info.compressor@in.atlascopco.com)  
Reach us @ 1800 200 0030

***fast / easy / reliable***



# FAST

Installing a piping system is no longer time consuming, thanks to AIRnet.



## READY? SET? DONE!

- The pipes are easy to cut and the polymer or aluminum fittings ensure a perfect alignment instantly.
- AIRnet does not require painting. In compliance with industrial standards, AIRnet pipes are standard painted for simple network identification.
- AIRnet is adaptable to any existing pipe work. Future extensions can simply be plugged in.
- The AIRnet system can be pressurized immediately after assembly, limiting downtime to an absolute minimum.

## EVEN FASTER WITH THE PF SERIES

- The Pre Fit (PF) series offers pre-torqued fittings from 20-50 mm.
- A gentle push of the pipe into the fittings is all it takes. The connection is made within seconds!

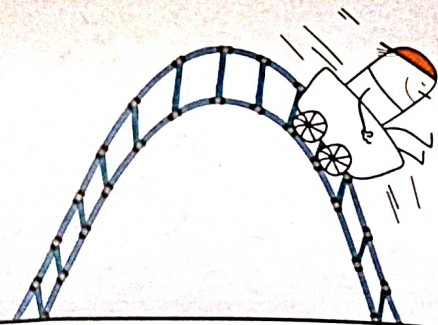
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AIRnet saves you up to  
85% on installation time



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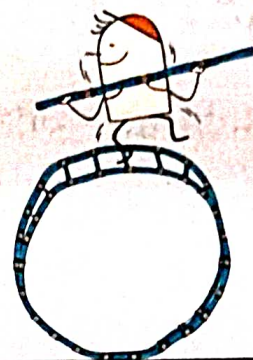
AIRnet saves you up to  
85% on installation time





# EASY

With AIRnet there is no need for heavy tools or extra manpower.

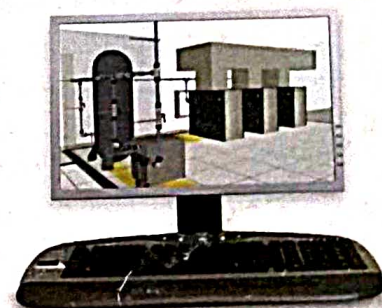


## TAKE IT EASY

- One person can safely handle and install AIRnet. While solid and robust, aluminum AIRnet pipes weigh five times less than galvanized pipes.
- AIRnet is installed with simple tools. No welding, gluing or crimping is required. Welding or lathe machines are a burden of the past.
- AIRnet offers a full scope of materials including pipes, fittings and accessories.

## PF SERIES: EASY DOES IT!

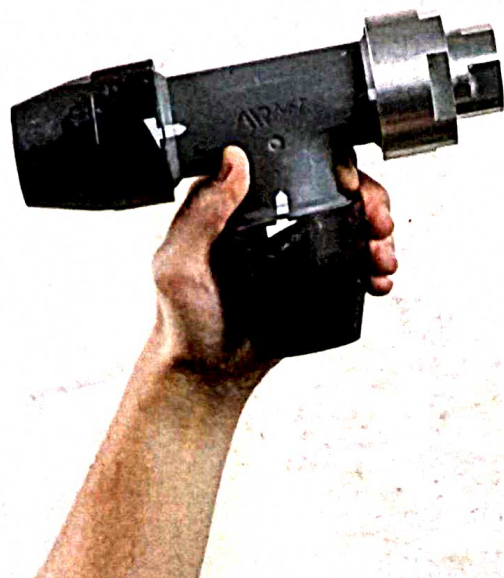
- Connect AIRnet to a threaded system with the innovative Adaptor Union Nut.
- AIRnet PF series is the first in the industry to offer a standard built-in Conductivity Strip.



## FROM DESKTOP TO WORKSHOP

- AIRnet Planner 24/7 is a unique software tool to design and quote an AIRnet installation.
- It provides a detailed network structure and calculates the pressure drop.
- AIRnet planner 24/7 creates the bill of material, lists the exact number of pipes and fittings needed and calculates the assembly time.

All it takes: one pair of hands  
+ a simple set of tools



# RELIABLE

The reliability of AIRnet is not a hollow promise; it is a solid 10-year guarantee.



## THE RIGHT STUFF

- AIRnet consists of aluminum and polymers, highly durable materials suitable for compressed air as well as for vacuum and nitrogen gas.
- AIRnet is resistant to corrosion, mechanical shocks, thermal variations and outdoor weather conditions.
- AIRnet offers consistently clean quality air, protecting the downstream manufacturing process and contributing to equipment longevity.
- The AIRnet leak-resistant connections offer superior sealing.
- The low friction factor of aluminum and the seamless connections minimize pressure drop.
- Low pressure drop and a bigger inner diameter result in high efficiency.

0.013 bar absolute to 16 bar absolute

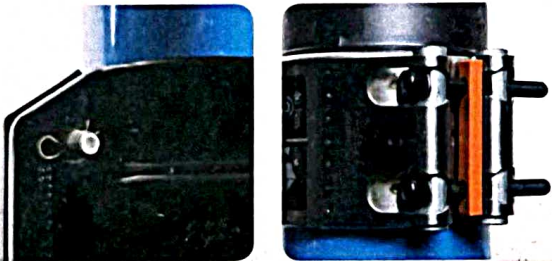
-20°C to +80°C

Visible Correct Torque Indication

Silicone Free\*\*\*

PED/ASME/ASTM

QUALICOAT Certified



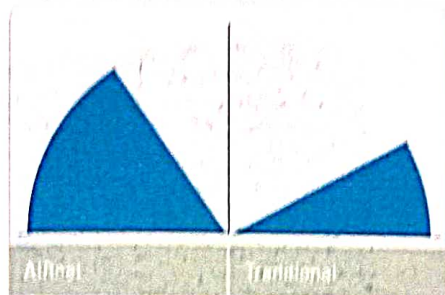
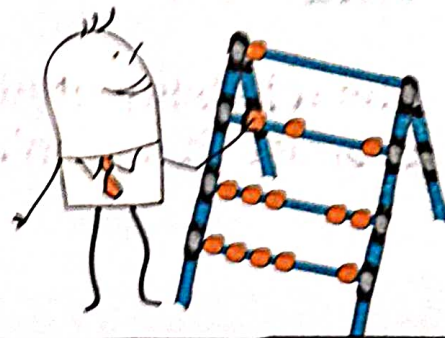
AIRnet is corrosion-free  
and leak-proof



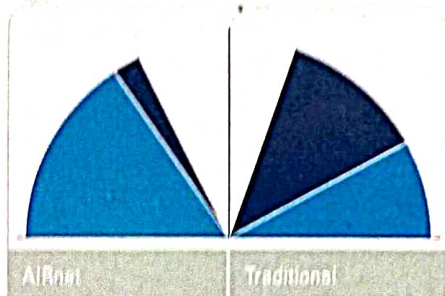


# THE BOTTOM LINE

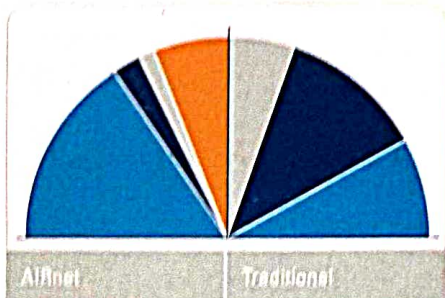
More good news.  
AIRnet offers lots of savings.



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 up to 85% 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

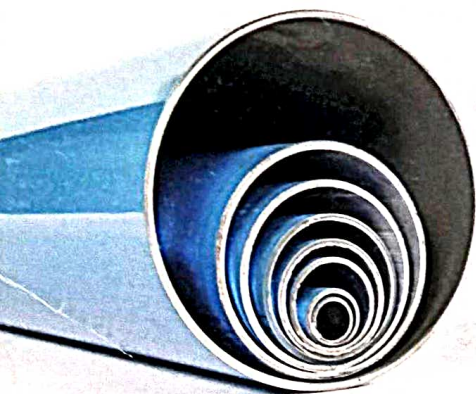
AIRnet effectively reduces  
the cost of ownership of your  
piping system\*

\*Calculators are available to compute your potential savings!

# PRODUCT INFORMATION



AIRnet is a reusable aluminium piping system designed in line with EN 13480-3 to deliver a fast, easy, and reliable distribution network for Compressed Air, Nitrogen, and Vacuum.



## PIPES 20 - 25 - 40 - 50 - 63 - 80 - 100 - 158 mm

Applications	Compressed Air, Nitrogen, and Vacuum	EN standard
Material	Extruded aluminium alloy EN AW-6060 T6	EN 755-2
Safety factor	4 for all diameters	
Working pressure	Max 16 bar(g) for 20 - 25 - 40 - 50 - 100 - 158 mm Max 13 bar(g) for 63 - 80 mm	
Working temperature	-20°C to 80°C for 20 - 25 - 40 - 50 - 100 - 158 mm -20°C to 70°C for 63 - 80 mm	
Vacuum level	13 mbar(a)	
Dewpoint	Lowest allowable pressure dewpoint is -70°C	
Outside treatment	Polyester powder paint (QUALICOAT certified)	
Inside treatment	Chrome free conversion treatment	
Colors	Blue RAL 5012 and Green RAL 6018 (only 20 - 25 mm)	



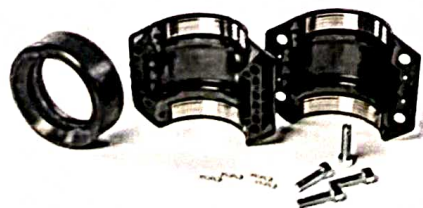
## FITTINGS 20 - 25 - 40 - 50 mm (PF series)

Connection	Push to fit technology	EN standard
Materials	Engineered polymer PA6 - GF30 fiberglass reinforcement Aluminium high pressure die casting EN AC-46100 Wrought aluminium alloy EN AW-6082	EN 1706 EN 755-2
Seal fittings	NBR 70 Sh A (PTFE coating on pipe seal)	



## FITTINGS 63 - 80 mm

Connection	Torque to grip technology	EN standard
Materials	Aluminium high pressure die casting EN AC-46100 Aluminium permanent mold casting EN AC-43100 Wrought aluminium alloy EN AW-6082	EN 1706 EN 1706 EN 755-2
Seal fittings	NBR 70 Sh A	



## FITTINGS 100 mm

Connection	Bolt clamp technology	EN standard
Materials	Aluminium permanent mold casting EN AC-43100 High yield strength steel for cold forming EN 1.0976	EN 1706 EN 10149-2
Seal fittings	NBR 70 Sh A	



## FITTINGS 158 mm

Connection	Bolt clamp technology	EN standard
Materials	Aluminium permanent mold casting EN AC-43100 Stainless Steel EN 1.4301	EN 1706 EN 10088-2
Seal fittings	NBR 70 Sh A	