

Your production  
deserves an optimal  
air piping system



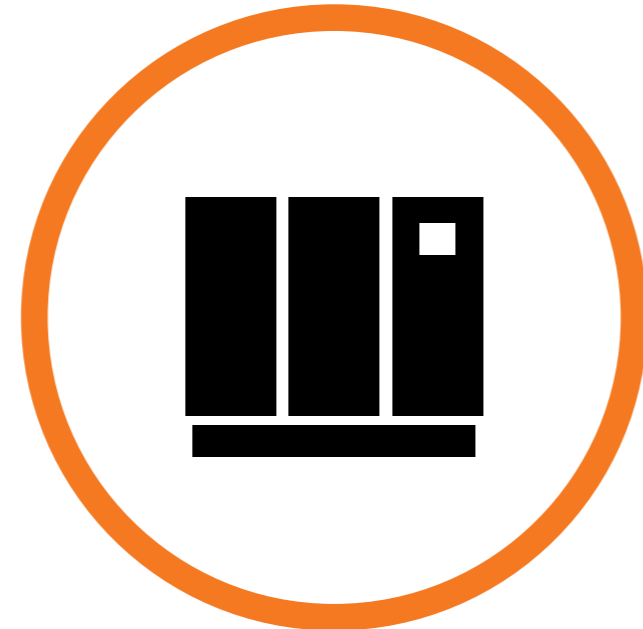
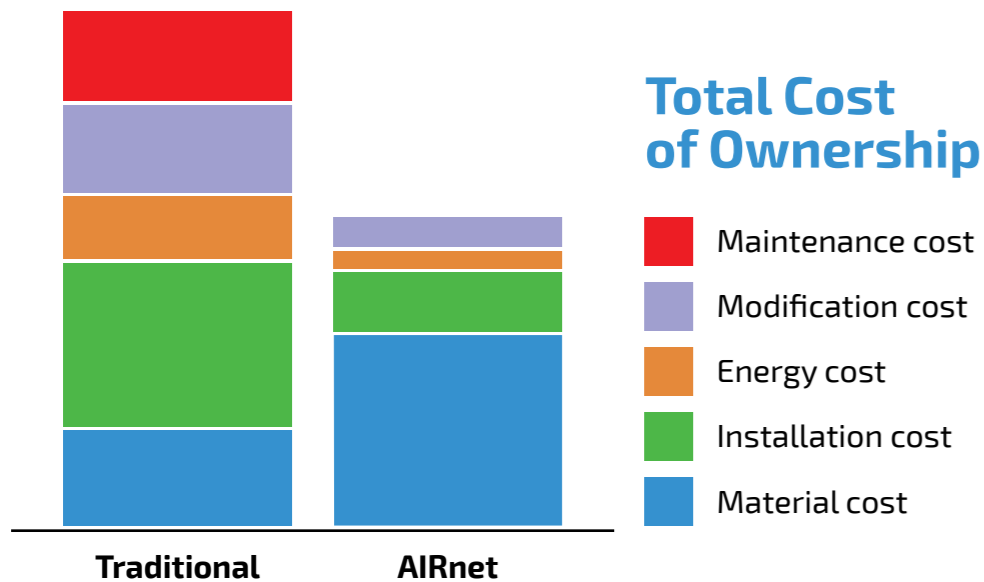
*FAST* ∴ *EASY* ∴ *RELIABLE*

**AIR NET**  
COMPRESSED AIR • VACUUM • NITROGEN

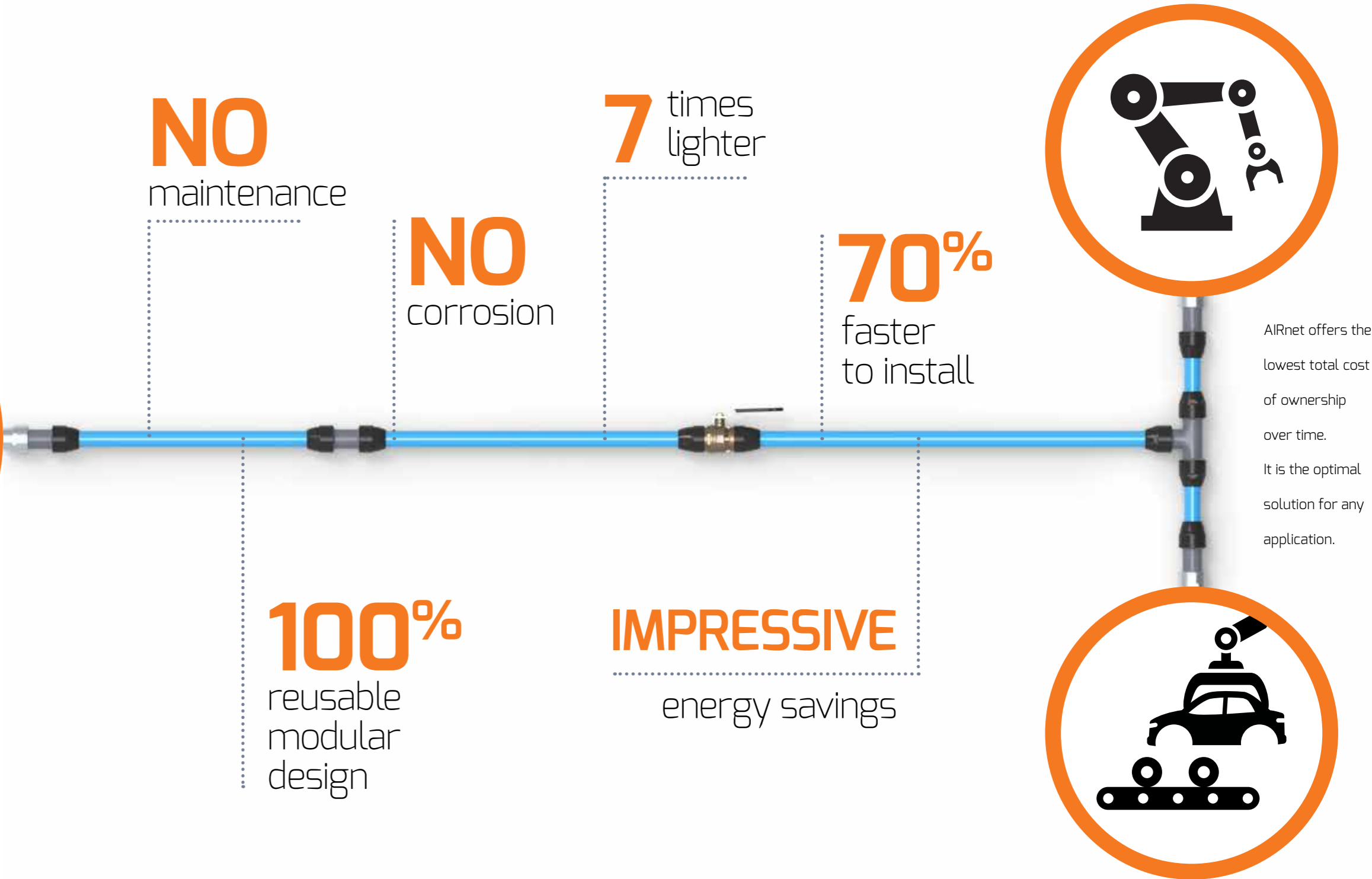
# Optimized production, maximized energy efficiency and minimized total cost

The optimal piping network is sized, planned and installed to support sustainable operational excellence in the production process. Material and product design, installation and maintenance costs; flexibility and safety. They all influence your total cost of ownership and the level of efficiency in your production.

If you are looking for a high performing and effortless system that can be customized to fit any production site, AIRnet will turn out to be the best investment choice you can make. It is a high-end aluminum system specially designed to save the money that other piping systems spend.



From supply to point of use



**NO**  
maintenance

**NO**  
corrosion

**7** times lighter

**70%**  
faster to install

**100%**  
reusable modular design

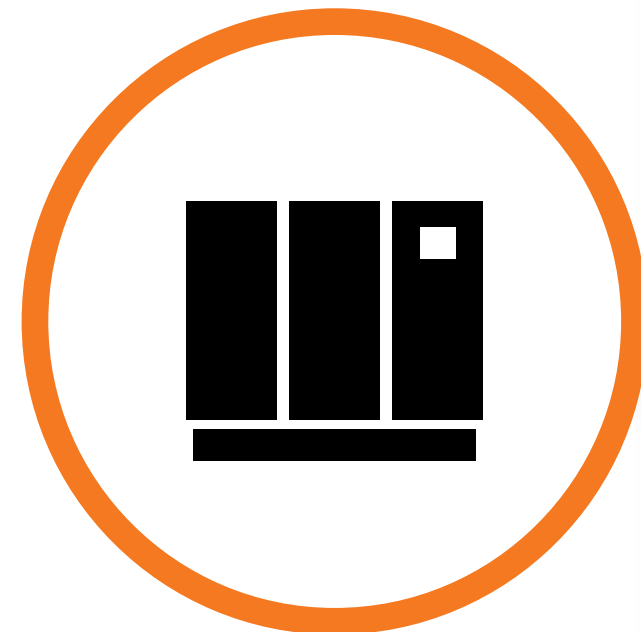
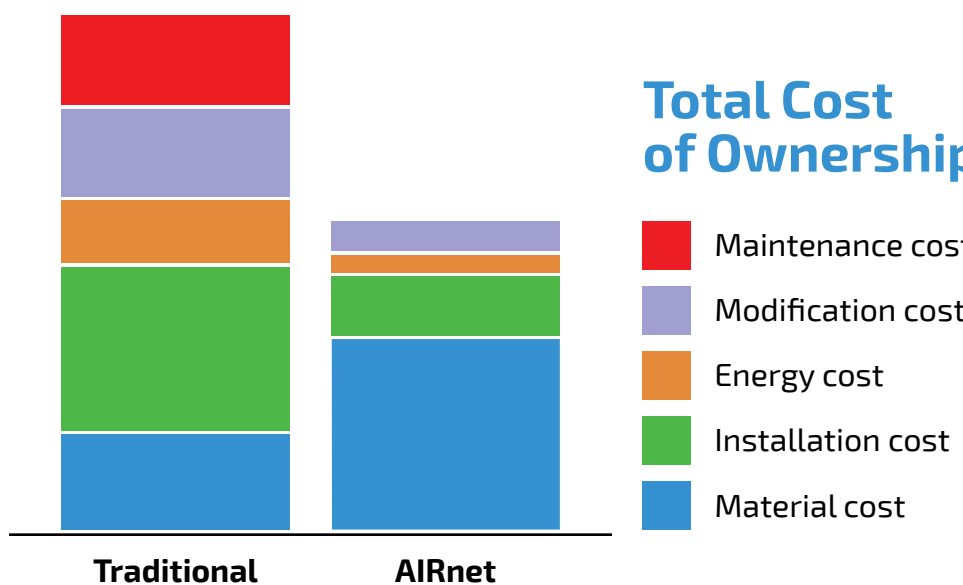
**IMPRESSIVE**  
energy savings

AIRnet offers the lowest total cost of ownership over time. It is the optimal solution for any application.

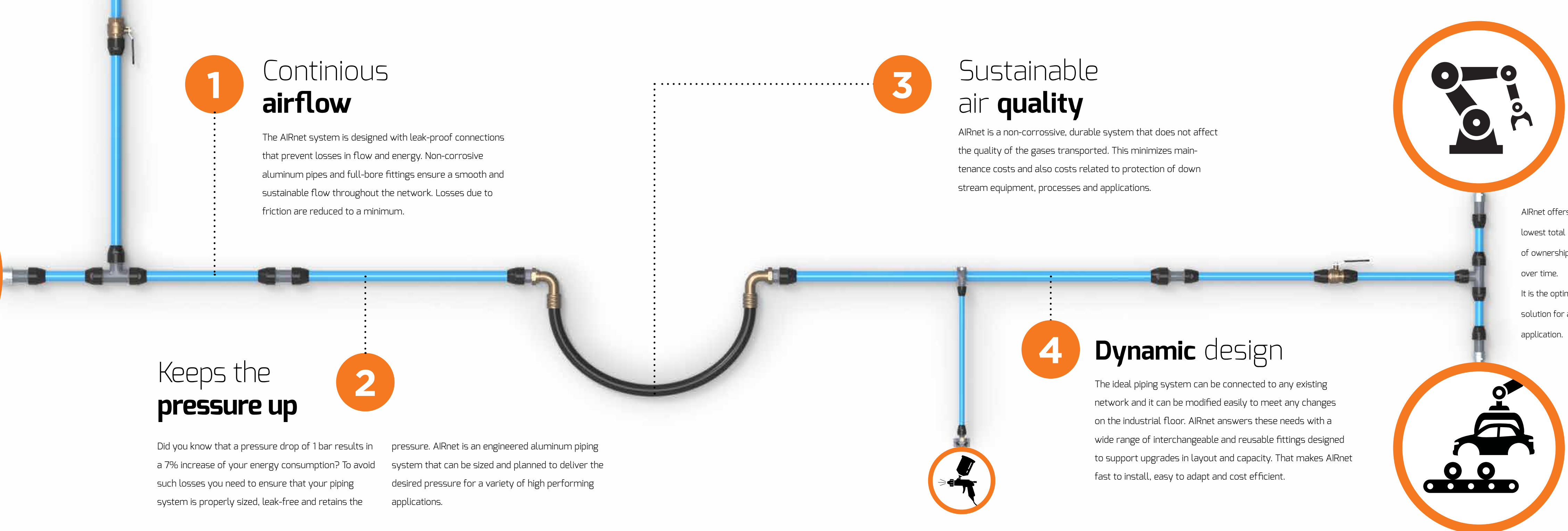
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From supply to point of use



1

## Continuous airflow

The AIRnet system is designed with leak-proof connections that prevent losses in flow and energy. Non-corrosive aluminum pipes and full-bore fittings ensure a smooth and sustainable flow throughout the network. Losses due to friction are reduced to a minimum.

2

## Keeps the pressure up

Did you know that a pressure drop of 1 bar results in a 7% increase of your energy consumption? To avoid such losses you need to ensure that your piping system is properly sized, leak-free and retains the

pressure. AIRnet is an engineered aluminum piping system that can be sized and planned to deliver the desired pressure for a variety of high performing applications.

3

## Sustainable air quality

AIRnet is a non-corrosive, durable system that does not affect the quality of the gases transported. This minimizes maintenance costs and also costs related to protection of downstream equipment, processes and applications.

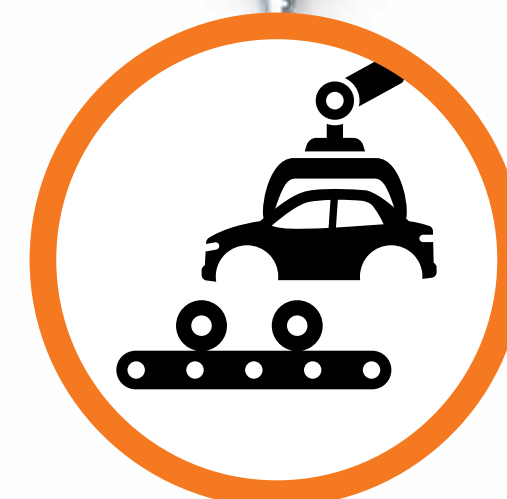
4

## Dynamic design

The ideal piping system can be connected to any existing network and it can be modified easily to meet any changes on the industrial floor. AIRnet answers these needs with a wide range of interchangeable and reusable fittings designed to support upgrades in layout and capacity. That makes AIRnet fast to install, easy to adapt and cost efficient.



AIRnet offers the lowest total cost of ownership over time. It is the optimal solution for any application.



## GUARANTEE

# 10 YEARS



In line with the high quality performance of the AIRnet product range, we provide our customers with a 10 year guarantee on the AIRnet fittings and aluminum pipes against material defect.


### Your Dealer

[www.airnet-system.com](http://www.airnet-system.com)

## To achieve the lowest Total Cost of Ownership AIRnet offers

- HIGH QUALITY MATERIALS
- HIGH ENERGY EFFICIENCY
- OPTIMAL OPERATIONAL PERFORMANCE
- LOW OPERATIONAL COSTS
- LOW INSTALLATION COSTS
- LOW MODIFICATION COSTS
- SAFETY

**AIRNET**  
COMPRESSED AIR • VACUUM • NITROGEN



**Your processes  
deserve a solid,  
safe and clean  
piping system.**

*Stainless Steel Solutions  
for Special Applications*

**AIRNET**

# Safe, solid and clean **from start to finish.**

In certain industries, material selection crucially contributes to the final quality of the end product. It may even have a direct impact on Health, Safety and Environment Regulations. As compressed air or vacuum are used for a variety of applications (sometimes including direct contact with the end product), the choice for the safest solution is decisive.

The preference for oil free compressed air systems is clearly understandable, but the selection of a piping system to ensure 100% oil free air delivery from the generation to the point of use is as important.

Therefore, AIRnet now introduces its brand new stainless steel piping system. Keeping in mind the stringent requirements of different industries, AIRnet Stainless Steel ensures 100% compliance with the highest quality standards.



# connection

The press connection is made by inserting the pipe into the fitting with reference to the marked insertion depth. The connection is created by pressing, using an approved press tool. We use a patented sealing ring with a lenticular profile which fits the press crimp groove.

## The advantages:

- 20% enlargement of the sealing surface area with a security seal ring minimizes the risk of accidents
- Eliminates the risk of sealing ring being pressed out or damaged
- The fit between the sealing ring and the groove makes the pipes insertion easier.

# key features

- No corrosion, leak resistant and 10 year guarantee
- Press fit system ensures fast installation with minimal tools
- No welding, no threading: just push & press
- Silicone free system
- FKM Seal (approved by all international regulating bodies for Pharma, F&B)
- Can be used for clean room applications (316 L)
- Considerable savings on the labor cost

# a complete product range

108 mm  
4"

88 mm  
3"

76 mm  
2 ¾"

54 mm  
2"

42 mm  
1 ½"

35 mm  
1 ¼"

28 mm  
1"

15 mm  
½"



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