

Commissioning report

Certified installer:	Responsible AIRnet champion:
Customer:	Commissioning date (dd/mm/yyyy):
Customer address:	
<input type="checkbox"/> Expansion of existing installation	<input type="checkbox"/> New installation

Before installation

SAFETY

- All safety instructions at customer site have been acknowledged and applied.
- The AIRnet installation manual (latest version is available on the website: <https://www.airnet-system.com/en>) has been read and understood. The installation is carried out in accordance with the instructions in this manual.

MEDIUM

- Compressed air
- Vacuum
- Nitrogen
- Other: _____

	T _{MAX} _____ °C / °F
	T _{AVG} _____ °C / °F
	T _{MIN} _____ °C / °F
	Working pressure _____ bar(g) / psi

AMBIENT CONDITIONS

If installed outdoors: is the installation protected from

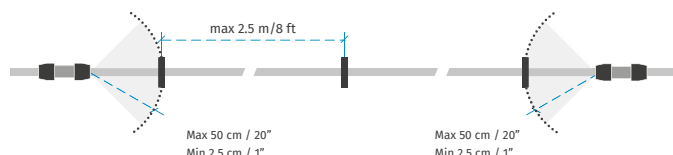
- Direct sunlight?
- Rain / snow / ice?
- Wind?

NETWORK LAYOUT

- To ensure proper draining of condensate, pipes should be sloped at 1-2% and a drain point should be foreseen at every lowest point of the line.
- Ensure that pressure vessels are bolted to the floor, and that vibrations may not be transmitted to the AIRnet piping.
- Expansion loops
Number of expansion loops: _____
Longest straight line: _____ m/ft

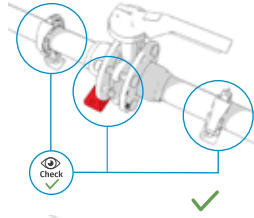
Installation

- A pipe clip has been foreseen within 50cm (20") of every side of every fitting
- AND
A pipe clip has been foreseen every 2,5m (100") for longer stretches of pipe



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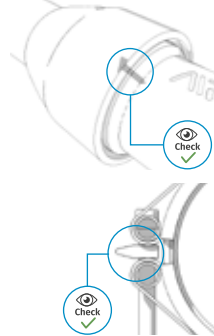
All valves and flanges are supported by 2 pipe clips and a dedicated valve support



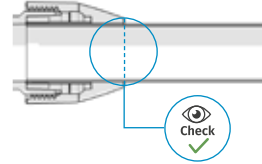
Torque markers have been verified on at least 10% of fittings.

For PF series 20mm (3/4") to 50mm (2")

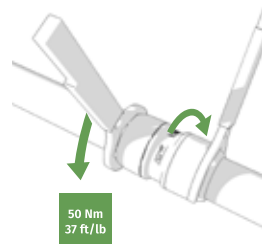
For PM series 63mm (2 1/2") and 80mm (3") and Bigger diameters 100mm (4") and 158mm (6").



Insertion depth markers have been checked on at least 10% of fittings



Verify torque by re-torquing all fittings with the torque wrench and corresponding head. For Black series 63mm (2 1/2") and 80mm (3").



Commissioning

The installation has been tested according to the procedure below

1. Apply pressure of 1,5 bar / 22 psi to the system.
2. Check if the pressure is dropping between the end of the line and the vessel. If pressure remains stable, go to point 4.
3. Use leak finder spray or an ultrasonic leak detector to find the leak. Depressurize the system, rectify the leak and go back to step 1.
4. Increase pressure gradually (max 1 bar / 14 psi every 5 minutes)
5. Close the main valve and monitor the pressure at the end of the line for 30 minutes. If the pressure is dropping, go to point 3.
6. To be checked: 24h before handover

Leaks / disconnections detected during first pressurization at 1,5 bar / 22 psi

- No
 Yes, _____ leaks found
 Yes, _____ disconnections

Leaks / disconnections detected during final pressurization at working pressure

- No
 Yes, _____ leaks found
 Yes, _____ disconnections

The pressure difference between the compressor room and final point of use is approved by the customer.

Signatures

AIRnet installer	AIRnet champion	Customer representative