

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

The installation is installed:

- Indoor
- Outdoor
- The piping is protected against violent impacts and wind gusts

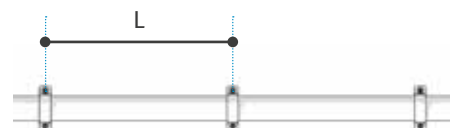
NETWORK LAYOUT

- 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 or compensators: _____
Longest straight line: _____ m/ft

Installation

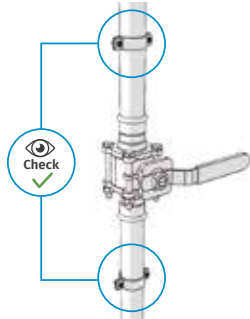
- Check if enough supporting is used based on the table on the right. The table shows the maximum allowed distance L between two pipe clips.

External pipe diameter (mm / inch)	Maximum distance (m / ft)
15 / ½"	1,5 / 5
28 / 1"	2,5 / 8
35 / 1 ¼"	2,5 / 8
42 / 1 ½"	3 / 10
54 / 2"	3,5 / 11,5
76 / 2 ¾"	4 / 13
89 / 3 ½"	4,5 / 14,5
108 / 4"	5 / 16

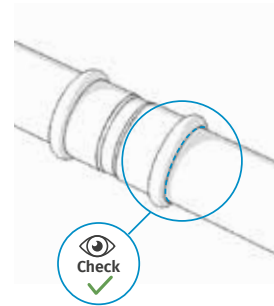


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All valves and flanges are supported by a pipe clip on both sides



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



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

What is the pressure difference between the compressor room and final point of use? _____ bar(g)

Signatures

AIRnet installer	AIRnet champion	Customer representative