Chicago Pneumatic

AIRNET Catalog

Ordering and Installation Guide

High-performance products.
Designed for you!

Quality air where you need it

AIRnet™ uses non-corrosive materials only:
- Eliminates risk of pollution.
- Delivers constant quality air from point of generation to point of use.
- Maintains the required system pressure.
- Reduces network maintenance.
- Protects downstream manufacturing processes.

SYSTEM SAVINGS

AIRnet's smooth inner aluminium surface has numerous benefits:
- No resistance of air circulation.
- Minimal network pressure drop.
- No energy waste.

HIGH COMPATIBILITY

- Can be connected to any existing equipment.
- Can be connected to any existing network.
- Allows for future network extensions.
- Continuously evolving product.

QUICK TO INSTALL

- Lightweight yet robust and easy to cut, AIRnet aluminium pipes can be installed safely by just one person without any training.
- The polymer fittings provide perfect alignment, eliminating the need for welding, gluing or crimping.
- Pipes up to Ø25 mm (1") can be tightened by hand, with instant air tightness.
- The system can be pressurized immediately after assembly, limiting downtime to a strict minimum.

A COMPLETE SOLUTION

The AIRnet compressed air piping system is a complete solution from source to production thanks to its high quality aluminium pipes, its range of aluminium and polymer fittings from Ø20 - 80 mm (¾" - 3") and variety of specialized tools, brackets and bushing.

HIGH MATERIAL RESISTANCE

The AIRnet piping system is resistant to corrosion, mechanical shocks, thermal variations and outdoor weather conditions.

THE FLEXIBLE FIT

AIRnet's thread assembly, system cleanness and easy disassembly mean full reusability, fast extension possibilities, and full control over the network.

MINIMUM LEAKAGE

- O-ring ensures an airtight fit.
- Resistant to vibration.
- No risk of corrosion.
- Easy system maintenance.
- No energy waste.

TABLE OF CONTENTS

To inform you on all items needed to install a complete compressed air piping system, the AIRnet product catalog is divided into 5 chapters.

AIRnet 10 year guarantee

In line with the high quality performance of our AIRnet product range, we are granting our customer with a 10 year guarantee on our AIRnet fittings and aluminium pipes against any damages resulting from material defect.

WARRANTY COVERAGE TERMS

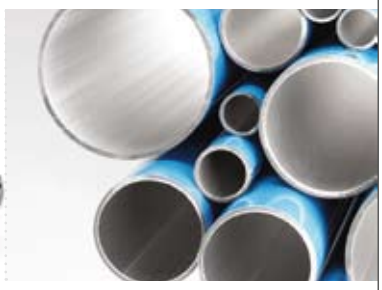
- Use only genuine parts.
- Perform installation according to our instructions and guidelines.
- Never use the components below or in excess of its limit ratings.
- Protect your installation against shocks or vibrations, corrosive environments.
- Damaged parts and/or site conditions must be submitted for inspection, prior to the settlement of any claim.
- AIRnet warranty is restricted to component replacement only.
- Claims should be addressed to any Customer Center or Authorized distribution network according to the standard procedure.
- This 10 year guarantee is limited to providing you with a new AIRnet fitting or pipe and is subject to our determination that the fitting or pipe failed exclusively due to a defect in the material at the time of manufacture.

General information

GENERAL SPECIFICATIONS	
COMPLIANCY	EN 13480 / Directive 97/23/EC and ASME B31.1 Complies with Common Pressure related approvals PED – CE – ASME – MOL – UDT – SQL – CRN – DIR – MOM-ASME
	Ø20 - 25 - 40 - 50 - 63 - 80 mm
	$^{3}/_{4}$″ - 1″ - 1$^{1}/_{2}$″ - 2″ - 2$^{1}/_{2}$″ - 3″
PERFORMANCE CRITERIA	• Compatible with compressed air, vacuum and inert gasses such as Nitrogen. • Maximum working pressure PN13 for temperatures between -20°C (-4°F) and +70°C (158°F). • Vacuum level 0.13 bar (1.88 psi) absolute pressure. • Operating temperature limits: -20°C (-4°F) / +70°C (158°F). • Lowest allowable pressure dewpoint: -70°C (-94°F). • Resistant to the effect of compressor oils (mineral oil / PAO based / Esther based oils). • The AIRnet range is fire-resistant (according to UL94 HB). • AIRnet pipes are resistant to direct UV radiation & fittings are resistant to indirect UV radiation. • Corrosion-free. • Leakage-free. • Silicone-free. • Oil-free applications.
TESTING PERFORMANCES	• We have applied the most severe testing conditions to our product to simulate the highest industrial standards. • High pressure resistance during one hour. • Burst pressure to extreme high pressure. • Leakage-free test based on vibration cycle at different frequencies. • Leakage-free test based on pressure pulsation test.

- Material PA6 with 30% fiberglass injection.
- Grip ring: stainless steel.
- Seal NBR 70SH rubber.
- Nominal DN diameter.

- Aluminium alloy EN-AB47100-EX.5079.
- Grip ring: stainless steel.
- Seal NBR 70SH rubber.
- Nominal DN diameter.



- Extruded aluminium ANSI B241 UNS alloy A96063 T5.
- Maximum design pressure indication.

PRODUCT IDENTIFICATION

2810 □ □ □ □ □ □

A B C D E

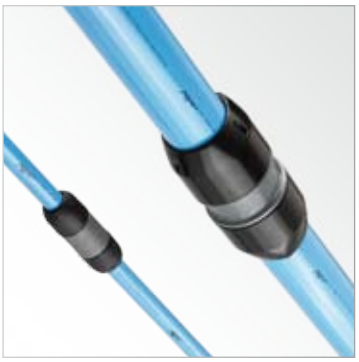
A: AIRnet range family index
B: Inlet pipe diameter (OD)
C: Thread OD or reduced AIRnet fitting diameter
D: Fitting code
E: Lot size

Example:

2810 4221 03

2810: AIRnet
4: Pipe diameter Ø40 mm (1½")
2: Outlet AIRnet fitting diameter Ø25 mm (1")
21: Reducing socket
03: Lot size: pack of 3 pieces
(The lot size indicates the minimum quantity available for ordering.)

Ø CODE	Ø (mm / inch)
0	12.5 / ½"
1	20 / ¾"
2	25 / 1"
4	40 / 1½"
5	50 / 2"
6	63 / 2½"
7	80 / 3"



FITTING CODE	FITTING	PAGE NUMBER
00	Air pipe 6 m (20 ft)	8
63	Air pipe 3 m (10 ft)	8
61	N2 pipe 6 m (20 ft)	9
01	S-bend	9
02	Equal socket	9
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05	Equal tee	10
06	End cap	16
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10	Quick drop	12
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28 / 29 / 40-45	Tools	21
60	Inner parts	17
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All fittings are available in BSP and NPT threaded standards.

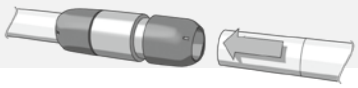
AIRnet fitting design

1. **STRONG-GRIP INTERNAL DESIGN**
   New design increasing grip, strength and safety (with stainless steel clinch ring)
2. **SPECIFIC NUT DESIGN**
   Notches enable you to tightly secure the AIRnet spanner, without damaging the nut itself.
3. **SPECIFIC BODY DESIGN**
   Very large inner body diameter eliminates the flow resistance and pressure drop.
4. Flow guide reduces the pressure drop.
5. **PARTS IDENTITY**
   Part number and diameter are embossed.

AIRnet uses a single assembly method for all diameters, ensuring the shortest possible assembly time, from 1.5 minutes for the smallest to 4 minutes for the largest diameters.

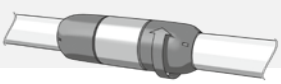
UNIQUE ASSEMBLY SYSTEM

STEP 1



Push the pipe into the fitting.

STEP 2



Tighten the fitting by hand.

STEP 3

Secure the connection with a spanner (only necessary for >Ø40 mm (>1½") fittings).

AIRnet vs. traditional galvanized pipes

AIRnet PIPES

- Smooth surface.
- Low friction factor.
- Low initial pressure drop.
  (E.g. In a system with an air demand of 110 l/s, designed as a 400 m long ring of Ø50 mm (2") pipes with P = 7 bar, the pressure drop (ΔP) equals 0.2 bar.)
- Aluminium and polymer fittings are corrosion-free.
- No risk of corrosion when cutting the aluminium. Very low risk of leakage, which is not related to corrosion.
- Lightweight pipes: a standard Ø50 mm (2") diameter pipe weighs less than 5 kg (11 lbs).
- Short manual cutting time.
- Fast deburring of the pipe. Pipes can be simply pushed into the fitting.
- The fittings can be tightened by hand and secured with a spanner.
- Modifying the network is easy: the fittings and pipes can be simply disassembled and re-used.
- Standard painted blue (compressed air) or green (inert gases) for easy network identification.

GALVANIZED PIPES

- Rough surface.
- Friction factor is almost double of an aluminium pipe.
- High initial pressure drop.
  (E.g. In a system with an air demand of 110 l/s, designed as a 400 m long ring of Ø50 mm (2") pipes with P = 7 bar, the pressure drop (ΔP) equals 0.37 bar.)
- Corrosion protection depends on galvanization quality.
- When cutting the pipe, the galvanization is removed. The connection poses a high risk of corrosion at low level points where water can stagnate, resulting in a high risk of leakage.
- Heavy pipes: a standard Ø50 mm (2") pipe weighs more than 25 kg (55 lbs).
- Very long manual cutting time, electrical cutter may generate some metallic dust.
- Threading the pipe requires a certain level of experience to avoid future leakage.
- The galvanized fittings need to be tightened using a spanner. The risk of leakage depends on the quality of the thread.
- Modifying the network is often difficult: after disassembly, the pipes have to be cut, changed, threaded and re-assembled.
- Pipes need to be painted in the appropriate color, adding to the total cost.

Step by step installation specifications

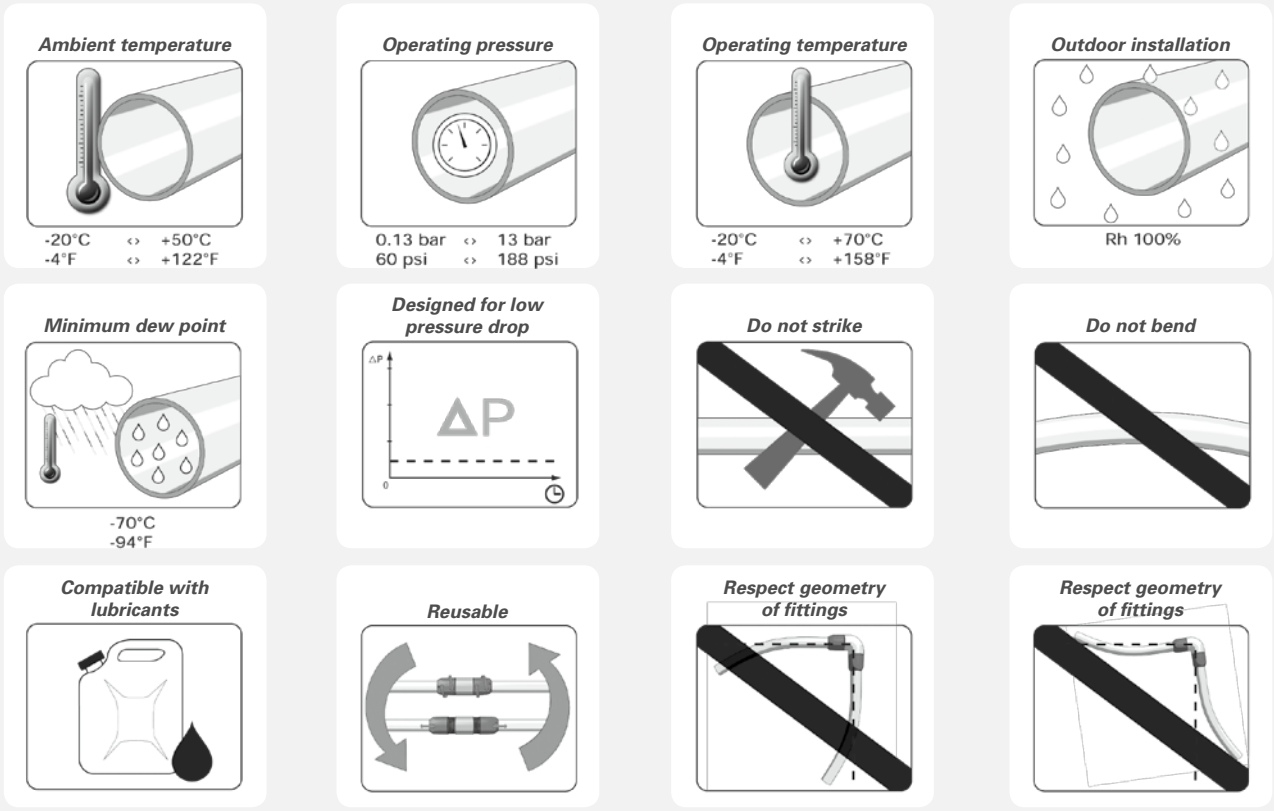
1. **Get your plant dimension drawing**
2. **Identify the major air demand locations**
3. **Create a network skeleton**
4. **Validate the hanging solution for your network layout**
5. **Define the diameters of your network sections***
6. **Evaluate special network configurations**
7. **Connection manufacturing processes**
8. **Finalize the bill of material****

*The diameters of the network depend on the system's pressure drop, which in turn depends on multiple parameters. The air demand is often the most critical criterion to evaluate.

The standard length of an AIRnet pipe is 6 m or 20 ft. As some pipes need to be cut, the required number of pipes does **not equal the total length of the network divided by 6 (when calculated in meters) or 20 (when calculated in feet).

Operating conditions & safety instructions

AIRnet OPERATING CONDITIONS



AIRnet SAFETY INSTRUCTIONS

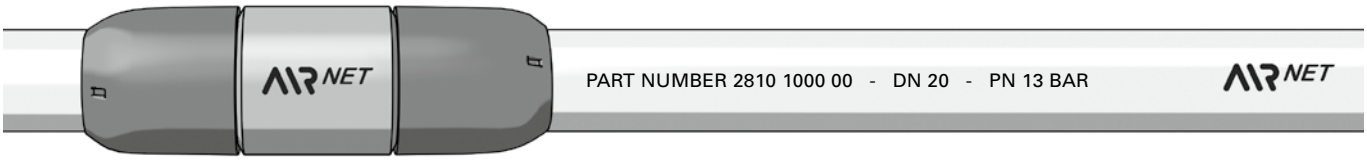
- AIRnet has been designed to convey compressed air.
- The installer must employ safe working practices and observe all related local work safety requirements and regulations.
- Installations, operation, maintenance and repair work must be performed by authorized, trained, specialized personnel.
- Before any installations, maintenance, repair work, adjustments or any other non-routine checks, relieve the system of pressure and effectively isolate the system from all sources of pressure.
- Never use the components below or in excess of their limit ratings.
- AIRnet pipes and fittings are not suitable for embedded or buried installations.
- Do not use the AIRnet system as support for electrical equipment or an earth conductor.
- Use the correct tools.
- Use only genuine parts.
- The polymer fittings are sensitive to direct UV radiation. In case of direct exposure, shield the fittings. The AIRnet pipes offer excellent resistance to UV radiation.
- Never weld or bend the pipes.
- AIRnet piping must be suitably protected against violent impacts.
- Any plugs or caps must be removed before installing the pipes.
- Never use solvents or chemicals that can damage AIRnet materials.
- Check the surface of the AIRnet pipe (no relevant scratches, abrasions, dents ...) before installing.
- Never connect AIRnet pipes directly to a source of vibration. Use hoses instead.
- Before a system is put into use, the installer must ensure that all necessary tests, controls and applicable rules for compressed air installations are complied with.
- At initial start up, apply a test pressure of 1.5 bar to the system to identify leakage or imperfect joints. After performing the inspection, increase the pressure gradually and constantly (max. 1 bar every 30 seconds).

PIPING

ALUMINIUM PIPES

Calibrated pipe / Color RAL 5012 for air pipes / Color RAL 6018 for Nitrogen pipes
Qualicoat label / Fire resistant

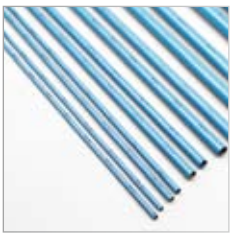
Operating limits: Maximum pressure: 13 bar (188 psi)
Vacuum level = 0.13 bar (1.88 psi)
Temperature limits: -20°C (-4°F) to +50°C (122°F) ambient temperature
-20°C (-4°F) to +70°C (158°F) operating temperature



To ensure a leakage-free and safe installation, only Atlas Copco's aluminium pipes have been calibrated, tested and approved for the assembly of AIRnet fittings.

In most industrial standards, compressed air networks can be identified by their **blue color**. To optimize your installation costs, their standard length is **6 m (20 ft)**, which also is the standard industrial length.

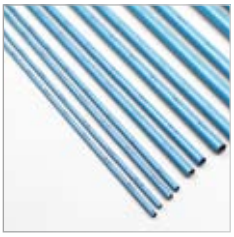
Aluminium pipe for air (6 m / 20 ft) **2810 □□ 00 □□**



PART NUMBER	OUTSIDE Ø (mm / inch)	INSIDE Ø (mm / inch)	LENGTH (m / ft)	WEIGHT (kg / lbs)	LOT SIZE
2810 1000 00	20 / ¾"	17.4 / 0.69"	6 / 20	1.2 / 2.6	10
2810 2000 00	25 / 1"	22.2 / 0.87"	6 / 20	1.9 / 4.2	10
2810 4000 00	40 / 1½"	36.4 / 1.43"	6 / 20	3.5 / 7.7	05
2810 5000 00	50 / 2"	46.0 / 1.81"	6 / 20	4.6 / 10.1	04
2810 6000 00	63 / 2½"	59.0 / 2.32"	6 / 20	6.2 / 13.7	03
2810 7000 00	80 / 3"	76.0 / 2.99"	6 / 20	9.5 / 20.9	02

3 m (10 ft) pipes are especially suitable for a short network extension or for an installation requiring a short length of a certain diameter. The 3 meter packs are available in smaller quantities.

Aluminium pipe for air (3 m / 10 ft) **2810 □□ 63 □□**



PART NUMBER	OUTSIDE Ø (mm / inch)	INSIDE Ø (mm / inch)	LENGTH (m / ft)	WEIGHT (kg / lbs)	LOT SIZE
2810 1063 00	20 / ¾"	17.4 / 0.69"	3 / 10	0.6 / 1.3	10
2810 2063 00	25 / 1"	22.2 / 0.87"	3 / 10	0.9 / 2.0	10
2810 4063 00	40 / 1½"	36.4 / 1.43"	3 / 10	1.7 / 3.7	05
2810 5063 00	50 / 2"	46.0 / 1.81"	3 / 10	2.3 / 5.1	05
2810 6063 00	63 / 2½"	59.0 / 2.32"	3 / 10	3.1 / 6.8	04
2810 7063 00	80 / 3"	76.0 / 2.99"	3 / 10	4.7 / 10.4	04

In most industrial standards, networks for inert gases, such as nitrogen, can be identified by their **green color**.

Aluminium pipe for inert gases (6 m / 20 ft)

2810 ☐☐61 ☐☐

PART NUMBER	OUTSIDE Ø (mm / inch)	INSIDE Ø (mm / inch)	LENGTH (m / ft)	WEIGHT (kg / lbs)	LOT SIZE
2810 1061 00	20 / ¾"	17.4 / 0.69"	6 / 20	1.2 / 2.6	05
2810 2061 00	25 / 1"	22.2 / 0.87"	6 / 20	1.9 / 4.2	05

DOUBLE S-BEND

The double S-bend is a 50 cm (19.7") long, rigid, pre-curved section of aluminium pipe, often used to fix drop legs closer to the wall when the main ring is installed further away from the wall.

Double S-bend

2810 ☐☐01 ☐☐

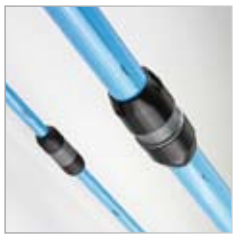
PART NUMBER drop leg Ø 20 mm (¾")	PART NUMBER drop leg Ø 25 mm (1")	LENGTH (cm / inch)	LOT SIZE
2810 1001 00	2810 2001 00	50 / 19.7"	05

FITTINGS

EQUAL DIAMETERS

Equal socket

2810 ☐☐02 ☐☐



PART NUMBER	Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
		L	W	H	
2810 1002 00	20 / ¾"	102 / 4"	36 / 1.4"	36 / 1.4"	01
2810 2002 00	25 / 1"	125 / 4.9"	45 / 1.8"	45 / 1.8"	01
2810 4002 00	40 / 1½"	199 / 7.8"	72 / 2.8"	72 / 2.8"	01
2810 5002 00	50 / 2"	227 / 8.9"	89 / 3.5"	89 / 3.5"	01
2810 6002 00	63 / 2½"	186 / 7.3"	89 / 3.5"	92 / 3.6"	01
2810 7002 00	80 / 3"	233 / 9.2"	113 / 4.4"	116 / 4.6"	01

90° elbow

2810 ☐☐03 ☐☐

PART NUMBER	Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
		L	W	H	
2810 1003 00	20 / ¾"	82 / 3.2"	82 / 3.2"	36 / 1.4"	01
2810 2003 00	25 / 1"	100 / 3.9"	100 / 3.9"	45 / 1.8"	01
2810 4003 00	40 / 1½"	160 / 6.3"	160 / 6.3"	72 / 2.8"	01
2810 5003 00	50 / 2"	188 / 7.4"	188 / 7.4"	89 / 3.5"	01
2810 6003 00	63 / 2½"	168 / 6.6"	96 / 3.8"	168 / 6.6"	01
2810 7003 00	80 / 3"	213.5 / 8.4"	113 / 4.4"	213.5 / 8.4"	01

45° elbow

2810 ☐☐04 ☐☐

PART NUMBER	Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
		L	W	H	
2810 1004 00	20 / ¾"	106 / 4.2"	67 / 2.6"	36 / 1.4"	01
2810 2004 00	25 / 1"	128 / 5.0"	83 / 3.3"	45 / 1.8"	01
2810 4004 00	40 / 1½"	205 / 8.1"	65 / 2.6"	72 / 2.8"	01
2810 5004 00	50 / 2"	238 / 9.4"	154 / 6.1"	89 / 3.5"	01

Equal tee

2810 ☐☐05 ☐☐

PART NUMBER	Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
		L	W	H	
2810 1005 00	20 / ¾"	127 / 5"	82 / 3.2"	36 / 1.4"	01
2810 2005 00	25 / 1"	155 / 6.1"	100 / 3.9"	45 / 1.8"	01
2810 4005 00	40 / 1½"	249 / 9.8"	160 / 6.3"	72 / 2.8"	01
2810 5005 00	50 / 2"	286 / 11.3"	188 / 7.4"	89 / 3.5"	01
2810 6005 00	63 / 2½"	247 / 9.7"	138 / 5.4"	92 / 3.6"	01
2810 7005 00	80 / 3"	314 / 12.4"	213.5 / 8.4"	113 / 4.4"	01

REDUCING DIAMETERS

Reducing socket

2810 ☐☐21 ☐☐

PART NUMBER	Ø (mm / inch)	REDUCED Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 2121 00	25 / 1"	20 / ¾"	115 / 4.5"	45 / 1.8"	45 / 1.8"	01
2810 4221 00	40 / 1½"	25 / 1"	165 / 6.5"	72 / 2.8"	72 / 2.8"	01
2810 5421 00	50 / 2"	40 / 1½"	215 / 8.5"	89 / 3.5"	89 / 3.5"	01

Reducing tee

2810 ☐☐07 ☐☐

PART NUMBER	Ø (mm / inch)	REDUCED Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 2107 00	25 / 1"	20 / ¾"	155 / 6.1"	96 / 3.8"	45 / 1.8"	01
2810 4207 00	40 / 1½"	25 / 1"	249 / 9.8"	144 / 5.7"	72 / 2.8"	01
2810 5407 00	50 / 2"	40 / 1½"	286 / 11.3"	179 / 7"	89 / 3.5"	01

BALL VALVES

AIRnet is compatible with standard industrial ball valves, using nipple sockets to connect the valves to the system. Please refer to the section 'Connection equipment' on page 14 for more information on the nipple socket range.

Ball valve (BSP thread)

PART NUMBER	Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
		L	W	H	
1619 6153 04	12.5 / ½"	127 / 5.0"	33 / 1.3"	71 / 2.8"	01
1619 6153 05	20 / ¾"	129 / 5.1"	40 / 1.6"	78 / 3.1"	01
1619 6153 06	25 / 1"	192 / 7.6"	50 / 2.0"	102 / 4.0"	01
1619 6153 07	32 / 1¼"	200 / 7.9"	50 / 2.0"	102 / 4.0"	01
1619 6153 08	40 / 1½"	204 / 8.0"	50 / 2.0"	102 / 4.0"	01
1619 6153 09	50 / 2"	275 / 10.8"	87 / 3.4"	173 / 6.8"	01
0852 0010 08	80 / 3"	201 / 7.9"	140 / 5.5"	205 / 8.1"	01

AIRnet valve

2810 □□51 □□

PART NUMBER	Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
		L	W	H	
2810 1051 00	20 / ¾"	140 / 5.5"	70 / 2.8"	100 / 4.0"	01
2810 2351 00	25 / 1"	165 / 6.5"	75 / 3.0"	100 / 4.0"	01
2810 4051 00	40 / 1½"	260 / 10.2"	105 / 4.1"	140 / 5.5"	01
2810 5051 00	50 / 2"	285 / 11.2"	125 / 5.0"	150 / 5.9"	01
2810 6051 00	63 / 2½"	220 / 8.7"	185 / 7.3"	310 / 12.2"	01
2810 7051 00	80 / 3"	265 / 10.4"	200 / 7.9"	330 / 13.0"	01

QUICK DROP

Quick drops are specifically designed to connect a distribution line or a main ring to a drop leg from the middle of the pipe. This unique fitting design makes it possible to create a new drop leg extension in minimum time. As the connection is made from the side section, the risk of condensate pollutant is eliminated.

1. **DRILLING HOLE**
   Positioned at an exact 180° angle from the connecting hole, the drilling hole facilitates the preparation of the pipe.
2. **CLAMP FIXTURE**
   Loosen and tighten to adjust your quick drop around the pipe.
3. **MARKINGS**
   Indicate the optimum position of the pipe when drilling in order to match the final position.
4. **O-RING**
   Ensures a leakage-free assembly.
5. **CONNECTED Ø**
   Ranging from Ø25 mm (1") to Ø80 mm (3").
6. **OUTLET Ø**
   Available in two diameters: Ø20 mm (¾") and Ø25 mm (1").
7. **BRASS OUTLET Ø**
   Robust; resistant to several assemblies (for threaded quick drops only).

Quick drop

2810 ☐☐ 10 ☐☐

PART NUMBER drop leg Ø 20 mm (¾")	PART NUMBER drop leg Ø 25 mm (1")	MAIN Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 2110 00	–	25 / 1"	106 / 4.2"	59 / 2.3"	52 / 2"	01
2810 4110 00	2810 4210 00	40 / 1½"	125 / 4.9"	70 / 2.8"	52 / 2"	01
2810 5110 00	2810 5210 00	50 / 2"	150 / 5.9"	111 / 4.4"	63 / 2.5"	01
2810 6110 00	2810 6210 00	63 / 2½"	148 / 5.8"	110 / 4.3"	62 / 2.5"	01
2810 7110 00	2810 7210 00	80 / 3"	214 / 8.4"	165 / 6.5"	63 / 2.5"	01

THREADED QUICK DROP

Threaded quick drop (BSP thread)

2810 ☐☐ 11 ☐☐

PART NUMBER drop leg thread outlet Ø12.5 mm (½")	PART NUMBER drop leg thread outlet Ø20 mm (¾")	MAIN Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 2011 00	–	25 / 1"	90 / 3.5"	69 / 2.7"	52 / 2"	01
2810 4011 00	2810 4111 00	40 / 1½"	102 / 4"	94 / 3.7"	52 / 2"	01
2810 5011 00	2810 5111 00	50 / 2"	127 / 5"	111 / 4.4"	62 / 2.4"	01
2810 6011 00	2810 6111 00	63 / 2½"	128 / 5.0"	110 / 4.3"	63.5 / 2.5"	01
2810 7011 00	2810 7111 00	80 / 3"	195 / 7.7"	165 / 6.5 "	63 / 2.5"	01

Threaded quick drop (NPT thread)

2810 ☐☐ 12 ☐☐

PART NUMBER drop leg thread outlet Ø12.5 mm (½")	PART NUMBER drop leg thread outlet Ø20 mm (¾")	MAIN Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 2012 00	–	25 / 1"	90 / 3.5"	69 / 2.7"	52 / 2"	01
2810 4012 00	2810 4112 00	40 / 1½"	102 / 4"	94 / 3.7"	52 / 2"	01
2810 5012 00	2810 5112 00	50 / 2"	127 / 5"	111 / 4.4"	62 / 2.4"	01
2810 6012 00	2810 6112 00	63 / 2½"	128 / 5.0"	110 / 4.3"	62 / 2.4"	01
2810 7012 00	2810 7112 00	80 / 3"	195 / 7.7"	165 / 6.5 "	63 / 2.5"	01

THREADED REDUCING TEE

Also a threaded reducing tee can be used to divert a distribution line or a main ring from the middle of the pipe in order to bypass an obstacle or avoid a difficult geometry.

A threaded reducing tee is often used to connect a rubber hose to the system.

Threaded reducing tee (BSP thread) — 2810 ☐☐08 ☐☐

PART NUMBER	Ø (mm / inch)	REDUCED THREAD OUTLET Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 1008 00	20 / ¾"	12.5 / ½"	127 / 5"	85 / 3.3"	85 / 3.3"	01
2810 2008 00	25 / 1"	12.5 / ½"	155 / 6.1"	96.9 / 3.8"	97 / 3.8"	01
2810 6508 00	63 / 2½"	50 / 2"	247 / 9.7"	116 / 4.6"	92 / 3.6"	01
2810 7608 00	80 / 3"	63 / 2½"	314 / 12.4"	153.5 / 6.0"	113 / 4.4"	01
2810 7708 00	80 / 3"	80 / 3"	314 / 12.4"	139.5 / 5.5"	113 / 4.4"	01

Threaded reducing tee (NPT thread) — 2810 ☐☐09 ☐☐

PART NUMBER	Ø (mm / inch)	REDUCED THREAD OUTLET Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 1009 00	20 / ¾"	12.5 / ½"	127 / 5"	85 / 3.3"	85 / 3.3"	01
2810 2009 00	25 / 1"	12.5 / ½"	155 / 6.1"	96.9 / 3.8"	97 / 3.8"	01
2810 6509 00	63 / 2½"	50 / 2"	247 / 9.7"	116 / 4.6"	92 / 3.6"	01
2810 7609 00	80 / 3"	63 / 2½"	314 / 12.4"	153.5 / 6.0"	113 / 4.4"	01
2810 7709 00	80 / 3"	80 / 3"	314 / 12.4"	139.5 / 5.5"	113 / 4.4"	01

NIPPLE SOCKET

Nipple sockets are used to connect any sort of equipment to or from the inlet or outlet thread. Nipple sockets are key fittings which guarantee compatibility with any existing network or piece of equipment.

A large range of nipple sockets is available to ease the connection to any existing thread. For each diameter, the thread outlet is available in 2 sizes:
- to connect to the same diameter,
- to connect to a smaller diameter (one size smaller).

This limits the use of additional galvanized bushes and nipples to make both systems compatible.

The range of nipple sockets is available in a polymer or aluminium body. For larger diameters, it is recommended to use the aluminium body thread.

Polymer nipple socket male (BSP thread)

2810 ☐☐ 15 ☐☐

PART NUMBER	AIRnet Ø (mm / inch)	MALE OUTLET Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 1015 00	20 / ¾"	12.5 / ½"	69 / 2.7"	36 / 1.4"	36 / 1.4"	01
2810 1115 00	20 / ¾"	20 / ¾"	71 / 2.8"	36 / 1.4"	36 / 1.4"	01
2810 2215 00	25 / 1"	25 / 1"	85 / 3.3"	45 / 1.8"	45 / 1.8"	01
2810 4415 00	40 / 1½"	40 / 1½"	124 / 4.9"	72 / 2.8"	72 / 2.8"	01
2810 5515 00	50 / 2"	50 / 2"	144 / 5.7"	89 / 3.5"	89 / 3.5"	01

Polymer nipple socket male (NPT thread)

2810 ☐☐ 16 ☐☐

PART NUMBER	AIRnet Ø (mm / inch)	MALE OUTLET Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 1016 00	20 / ¾"	12.5 / ½"	69 / 2.7"	36 / 1.4"	36 / 1.4"	01
2810 1116 00	20 / ¾"	20 / ¾"	71 / 2.8"	36 / 1.4"	36 / 1.4"	01
2810 2216 00	25 / 1"	25 / 1"	85 / 3.3"	45 / 1.8"	45 / 1.8"	01
2810 4416 00	40 / 1½"	40 / 1½"	124 / 4.9"	72 / 2.8"	72 / 2.8"	01
2810 5516 00	50 / 2"	50 / 2"	144 / 5.7"	89 / 3.5"	89 / 3.5"	01

Aluminium nipple socket female (BSP thread)

2810 ☐☐ 19 ☐☐

PART NUMBER	AIRnet Ø (mm / inch)	FEMALE OUTLET Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 1119 00	20 / ¾"	20 / ¾"	71 / 2.8"	36 / 1.4"	36 / 1.4"	01
2810 2219 00	25 / 1"	25 / 1"	85 / 3.3"	45 / 1.8"	45 / 1.8"	01
2810 4419 00	40 / 1½"	40 / 1½"	124 / 4.9"	72 / 2.8"	72 / 2.8"	01
2810 5519 00	50 / 2"	50 / 2"	144 / 5.7"	89 / 3.5"	89 / 3.5"	01
2810 6619 00	63 / 2½"	63 / 2½"	122 / 4.8"	95 / 3.7"	95 / 3.7"	01

Aluminium nipple socket female (NPT thread)

2810 ☐☐ 20 ☐☐

PART NUMBER	AIRnet Ø (mm / inch)	FEMALE OUTLET Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 1120 00	20 / ¾"	20 / ¾"	71 / 2.8"	36 / 1.4"	36 / 1.4"	01
2810 2220 00	25 / 1"	25 / 1"	85 / 3.3"	45 / 1.8"	45 / 1.8"	01
2810 4420 00	40 / 1½"	40 / 1½"	124 / 4.9"	72 / 2.8"	72 / 2.8"	01
2810 5520 00	50 / 2"	50 / 2"	144 / 5.7"	89 / 3.5"	89 / 3.5"	01
2810 6620 00	63 / 2½"	63 / 2½"	122 / 4.8"	95 / 3.7"	95 / 3.7"	01

Aluminium nipple socket male (BSP thread)

2810 □□ 17 □□

PART NUMBER	AIRnet Ø (mm / inch)	MALE OUTLET Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 1017 00	20 / ¾"	12.5 / ½"	69 / 2.7"	36 / 1.4"	36 / 1.4"	01
2810 1117 00	20 / ¾"	20 / ¾"	71 / 2.8"	36 / 1.4"	36 / 1.4"	01
2810 2117 00	25 / 1"	20 / ¾"	82 / 3.2"	45 / 1.8"	45 / 1.8"	01
2810 2217 00	25 / 1"	25 / 1"	85 / 3.3"	45 / 1.8"	45 / 1.8"	01
2810 4317 00	40 / 1½"	32 / 1¼"	124 / 4.9"	72 / 2.8"	72 / 2.8"	01
2810 4417 00	40 / 1½"	40 / 1½"	124 / 4.9"	72 / 2.8"	72 / 2.8"	01
2810 5417 00	50 / 2"	40 / 1½"	140 / 5.5"	89 / 3.5"	89 / 3.5"	01
2810 5517 00	50 / 2"	50 / 2"	144 / 5.7"	89 / 3.5"	89 / 3.5"	01
2810 6517 00	63 / 2½"	50 / 2"	137 / 5.4"	92 / 3.6"	92 / 3.6"	01
2810 6617 00	63 / 2½"	63 / 2½"	141 / 5.6"	92 / 3.6"	92 / 3.6"	01
2810 7617 00	80 / 3"	63 / 2½"	148 / 5.8"	113 / 4.4"	113 / 4.4"	01
2810 7717 00	80 / 3"	80 / 3"	151 / 5.9"	113 / 4.4"	113 / 4.4"	01

Aluminium nipple socket male (NPT thread)

2810 □□ 18 □□

PART NUMBER	AIRnet Ø (mm / inch)	MALE OUTLET Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 1018 00	20 / ¾"	12.5 / ½"	69 / 2.7"	36 / 1.4"	36 / 1.4"	01
2810 1118 00	20 / ¾"	20 / ¾"	71 / 2.8"	36 / 1.4"	36 / 1.4"	01
2810 2118 00	25 / 1"	20 / ¾"	82 / 3.2"	45 / 1.8"	45 / 1.8"	01
2810 2218 00	25 / 1"	25 / 1"	85 / 3.3"	45 / 1.8"	45 / 1.8"	01
2810 4318 00	40 / 1½"	32 / 1¼"	124 / 4.9"	72 / 2.8"	72 / 2.8"	01
2810 4418 00	40 / 1½"	40 / 1½"	124 / 4.9"	72 / 2.8"	72 / 2.8"	01
2810 5418 00	50 / 2"	40 / 1½"	140 / 5.5"	89 / 3.5"	89 / 3.5"	01
2810 5518 00	50 / 2"	50 / 2"	144 / 5.7"	89 / 3.5"	89 / 3.5"	01
2810 6518 00	63 / 2½"	50 / 2"	137 / 5.4"	92 / 3.6"	92 / 3.6"	01
2810 6618 00	63 / 2½"	63 / 2½"	141 / 5.6"	92 / 3.6"	92 / 3.6"	01
2810 7618 00	80 / 3"	63 / 2½"	148 / 5.8"	113 / 4.4"	113 / 4.4"	01
2810 7718 00	80 / 3"	80 / 3"	151 / 5.9"	113 / 4.4"	113 / 4.4"	01

ADAPTOR UNION

In most geometries, AIRnet pipes provide enough flexibility to easily disconnect them from the fittings. In some exceptions, however, the pipe might not provide enough flexibility for easy dismantling.

The adaptor union is a handy alternative to disconnect a pipe from the network without the need to bend the pipe.

Adaptor union female (BSP thread)

2810 □□ 13 □□

PART NUMBER	AIRnet Ø (mm / inch)	FEMALE OUTLET Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 2213 00	25 / 1"	25 / 1"	106 / 4.2"	45 / 1.8"	45 / 1.8"	01
2810 4413 00	40 / 1½"	40 / 1½"	163 / 6.4"	72 / 2.8"	72 / 2.8"	01
2810 5513 00	50 / 2"	50 / 2"	188 / 7.4"	89 / 3.5"	89 / 3.5"	01
2810 6613 00	63 / 2½"	63 / 2½"	199 / 7.8"	110 / 4.3"	110 / 4.3"	01
2810 7713 00	80 / 3"	80 / 3"	251 / 9.9"	130 / 5.1"	130 / 5.1"	01

Adaptor union female (NPT thread)

2810 □□ 14 □□

PART NUMBER	AIRnet Ø (mm / inch)	FEMALE OUTLET Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 2214 00	25 / 1"	25 / 1"	106 / 4.2"	45 / 1.8"	45 / 1.8"	01
2810 4414 00	40 / 1½"	40 / 1½"	163 / 6.4"	72 / 2.8"	72 / 2.8"	01
2810 5514 00	50 / 2"	50 / 2"	188 / 7.4"	89 / 3.5"	89 / 3.5"	01
2810 6614 00	63 / 2½"	63 / 2½"	199 / 7.8"	110 / 4.3"	110 / 4.3"	01
2810 7714 00	80 / 3"	80 / 3"	251 / 9.9"	130 / 5.1"	130 / 5.1"	01

While also nipple sockets can be used to end your network,
this usually requires more appropriate point of use connectors of a smaller diameter.

WALL MOUNTED NIPPLE

Wall mounted bracket (BSP thread) **2810 ☐☐23 ☐☐**

PART NUMBER	AIRnet Ø (mm / inch)	FEMALE OUTLET Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 1023 00	20 / ¾"	½"	100 / 3.9"	68 / 2.7"	110 / 4.3"	01
2810 2023 00	25 / 1"	½"	100 / 3.9"	68 / 2.7"	114 / 4.5"	01

Wall mounted bracket (NPT thread) **2810 ☐☐24 ☐☐**

PART NUMBER	AIRnet Ø (mm / inch)	FEMALE OUTLET Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 1024 00	20 / ¾"	½"	100 / 3.9"	68 / 2.7"	110 / 4.3"	01
2810 2024 00	25 / 1"	½"	100 / 3.9"	68 / 2.7"	114 / 4.5"	01

Threaded wall mounted nipple (BSP thread) **2810 ☐☐25 ☐☐**

PART NUMBER	AIRnet Ø (mm / inch)	FEMALE OUTLET Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 0025 00	12.5 / ½"	½"	100 / 3.9"	68 / 2.7"	111 / 4.4"	01
2810 1025 00	20 / ¾"	½"	100 / 3.9"	68 / 2.7"	115 / 4.5"	01

Threaded wall mounted nipple (NPT thread) **2810 ☐☐26 ☐☐**

PART NUMBER	AIRnet Ø (mm / inch)	FEMALE OUTLET Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 0026 00	12.5 / ½"	½"	100 / 3.9"	68 / 2.7"	111 / 4.4"	01
2810 1026 00	20 / ¾"	½"	100 / 3.9"	68 / 2.7"	115 / 4.5"	01

END CAP

End caps are often used to temporarily end a network section in anticipation of a future extension.

End cap **2810 ☐☐06 ☐☐**

PART NUMBER	Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
		L	W	H	
2810 1006 00	20 / ¾"	59 / 2.3"	36 / 1.4"	36 / 1.4"	01
2810 2006 00	25 / 1"	72 / 2.8"	45 / 1.8"	45 / 1.8"	01
2810 4006 00	40 / 1½"	109 / 4.3"	72 / 2.8"	72 / 2.8"	01
2810 5006 00	50 / 2"	129 / 5.1"	89 / 3.5"	89 / 3.5"	01
2810 6006 00	63 / 2½"	149 / 5.9"	92 / 3.6"	92 / 3.6"	01
2810 7006 00	80 / 3"	155 / 6.1"	113 / 4.4"	113 / 4.4"	01

THREADED AIRnet BALL VALVE

A network can also be ended by means of a threaded valve. AIRnet is compatible with standard industrial ball valves, using a nipple socket to connect the valve to the AIRnet installation.

To maintain equipment, it is advised to isolate the equipment from the compressed air system.

Threaded AIRnet valve (BSP thread)

2810 □□52 □□

PART NUMBER	Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
		L	W	H	
2810 1152 00	20 / ¾"	120 / 4.7"	70 / 2.8"	100 / 3.9"	01
2810 2352 00	25 / 1"	127 / 5.0"	75 / 3.0"	100 / 3.9"	01
2810 4452 00	40 / 1½"	200 / 7.9"	105 / 4.1"	140 / 5.5"	01
2810 5552 00	50 / 2"	209 / 8.2"	125 / 4.9"	150 / 5.9"	01
2810 6652 00	63 / 2½"	170 / 7.0"	185 / 7.3"	310 / 12.2"	01
2810 7752 00	80 / 3"	200 / 8.2"	200 / 8.2"	330 / 13.0"	01

Threaded AIRnet valve (NPT thread)

2810 □□53 □□

PART NUMBER	Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
		L	W	H	
2810 1153 00	20 / ¾"	120 / 4.7"	70 / 2.8"	100 / 3.9"	01
2810 2353 00	25 / 1"	127 / 5.0"	75 / 3.0"	100 / 3.9"	01
2810 4453 00	40 / 1½"	200 / 7.9"	105 / 4.1"	140 / 5.5"	01
2810 5553 00	50 / 2"	209 / 8.2"	125 / 4.9"	150 / 5.9"	01
2810 6653 00	63 / 2½"	170 / 7.0"	185 / 7.3"	310 / 12.2"	01
2810 7753 00	80 / 3"	200 / 8.2"	200 / 8.2"	330 / 13.0"	01

FLANGES

Flanges

PART NUMBER	Description	Ø (mm)	H (mm)	LOT SIZE
2810 6054 00	Flange diam 63	185	95	01
2810 7054 00	Flange diam 80	200	120	01
0650 0100 16	Flat Gasket diam 63	-	-	01
0650 1001 27	Flat Gasket diam 80	-	-	01

SPARE PARTS

Inner Parts

2810 □□60 □□

PART NUMBER	Ø (mm / inch)	LOT SIZE
2810 1060 00	20 / ¾"	05
2810 2060 00	25 / 1"	05
2810 4060 00	40 / 1½"	05
2810 5160 00	50 / 2"	05
2810 6060 00	63 / 2½"	05
2810 7060 00	80 / 3"	05

O-ring

2810 □□65 □□ / 2810 □□66 □□

PART NUMBER	Ø (mm / inch)	LOT SIZE
2810 1065 00	20 / ¾"	10
2810 2065 00	25 / 1"	10
2810 4065 00	40 / 1½"	10
2810 5065 00	50 / 2"	10
2810 6065 00	63 / 2½"	10
2810 7065 00	80 / 3"	10
2810 1066 00	Quick drop 20 / ¾"	10
2810 2066 00	Quick drop 25 / 1"	10

ACCESSORIES

FLEXIBLE HOSES

Flexible hoses are high quality hoses for compressed air, which comply with industrial standards. Their PN16 complies with the operating limits of AIRnet equipment. AIRnet hose outlets are fully compatible with AIRnet fittings. Hoses can be used for many purposes: to bypass obstacles, to absorb vibration, or to create an expansion loop.

AIRnet hose BSP

2810 ☐☐55 ☐☐

PART NUMBER	LENGTH (m / ft)	Ø (mm / inch)	CONNECTION TYPE	LOT SIZE
2810 1055 00	0.7 / 2.3′	20 / ¾″	Straight	01
2810 1155 00	1.5 / 4.9′	20 / ¾″	Straight	01
2810 2055 00	0.7 / 2.3′	25 / 1″	Straight	01
2810 2155 00	1.5 / 4.9′	25 / 1″	Straight	01
2810 4055 00	1 / 3.3′	40 / 1½″	90° elbow	01
2810 4155 00	1.5 / 4.9′	40 / 1½″	Straight	01
2810 5055 00	1 / 3.3′	50 / 2″	90° elbow	01
2810 5155 00	1.5 / 4.9′	50 / 2″	Straight	01
2810 6055 00	1 / 3.3′	63 / 2½″	90° elbow	01
2810 6155 00	1.5 / 4.9′	63 / 2½″	Straight	01
2810 7055 00	1 / 3.3′	80 / 3″	90° elbow	01
2810 7155 00	1.5 / 4.9′	80 / 3″	Straight	01

AIRnet hose NPT

2810 ☐☐57 ☐☐

PART NUMBER	LENGTH (m / ft)	Ø (mm / inch)	CONNECTION TYPE	LOT SIZE
2810 1057 00	0.75 / 2.5′	20 / 3/4"	straight	01
2810 1157 00	1.5 / 4,9′	20 / 3/4"	straight	01
2810 2057 00	0.75 / 2.5′	25 / 1"	straight	01
2810 2157 00	1.5 / 4.9′	25 / 1"	straight	01
2810 4057 00	1 / 3.3′	40 / 11/2"	elbow 90°	01
2810 4157 00	1.5 / 4.9′	40 / 11/2"	straight	01
5810 5057 00	1 / 3.3′	50 / 2"	elbow 90°	01
2810 5157 00	1.5 / 4.9′	50 / 2"	straight	01

Protection strap against whiplash

2810 ☐☐55 ☐☐

The strap prevents the flexible hose from lashing should it become disconnected.
Conform to ISO 4414 safety standards.

PART NUMBER	TYPE	LOT SIZE
2810 0055 00	For Ø12.5-32 mm (½″-1¼″) hoses	01
2810 0055 01	For Ø40-80 mm (1½″-3″) hoses	01

PRESSURE GAUGE

Use a threaded quick drop to install pressure gauges at any point in your network to inform the end user on the system pressure.

Pressure gauge

PART NUMBER	MALE INLET Ø (mm / inch)	LOT SIZE
1503 2729 01*	6 / ¼″	01

** Use a bushing 0605 8300 89 to connect from a Ø12.5 mm (½″) threaded quick drop outlet.*

INSTALLATION MATERIAL

HANGING BRACKETS

The AIRnet range includes a large variety of hanging brackets to facilitate all possible assembly alternatives. It is important to select the appropriate brackets to reduce the required installation time. A beam clamp, for example, can be installed much faster than cantilever arms fixed to concrete walls.

Three items are essential to hang pipes efficiently. All are available in this catalogue:
- the AIRnet pipe clip with integrated nuts;
- M8 threaded rod or T-bolts;
- hanging brackets.

It is recommended to fix pipes of standard length onto a minimum of two hanging points.

PROFILE CHANNEL ARMS

Please respect the maximum weight allowed for a specific arm length.

Profile channel arms

PART NUMBER	TYPE	DIMENSIONS (mm / inch)			LOT SIZE
		L	W	H	
2810 0030 00	Profile channel (2 m / 6.6 ft)	2000 / 78.7"	30 / 1.2"	27 / 1.1"	05
2810 0031 00	Profile wall bracket	50 / 2.0"	76 / 3.0"	114 / 4.5"	05
2810 0032 00	Cantilever arm	300 / 11.8"	–	27 / 1.1"	05
2810 0132 00		500 / 19.7"	–	27 / 1.1"	01
2810 0033 00	T-bolt	30 / 1.2"	–	–	10
2810 0133 00		40 / 1.6"	–	–	10
2810 0233 00		60 / 2.4"	–	–	10
2810 0333 00		80 / 3.1"	–	–	10
2810 0034 00	Protection cap	–	30 / 1.2"	18.5 / 0.7"	10

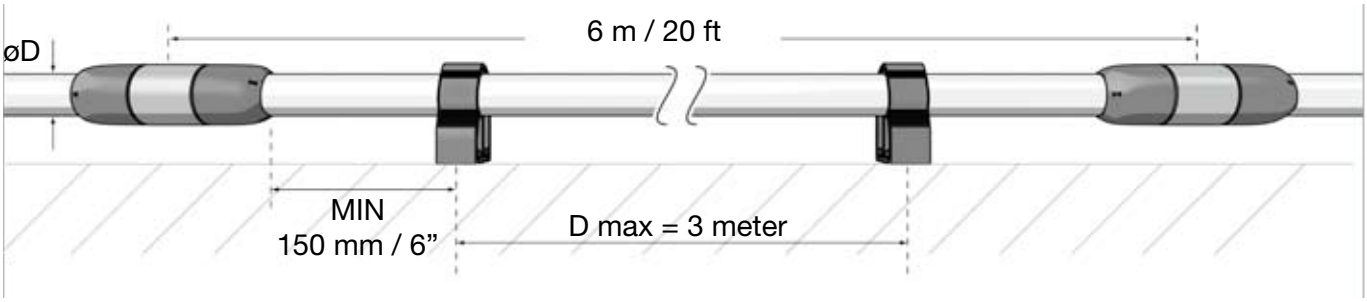
PIPE CLIP & CLIP SPACER

pipe clips are designed to secure the pipes, which slide into the clip to compensate for any possible movement. The pipe clip's design also facilitates dismantling the system, when needed. Only AIRnet pipe clips should be used to secure AIRnet pipes.

Pipe clip

2810 □□ 22 □□

PART NUMBER	Ø (mm / inch)	C	DIMENSIONS (mm / inch)			LOT SIZE
			L	W	H	
2810 1022 00	20 / ¾"	M8	56 / 2.2"	30 / 1.2"	31 / 1.2"	20
2810 2022 00	25 / 1"	M8	60 / 2.4"	30 / 1.2"	38 / 1.5"	20
2810 4022 00	40 / 1½"	M8	101 / 4"	40 / 1.6"	60 / 2.4"	20
2810 5022 00	50 / 2"	M8	108 / 4.3"	40 / 1.6"	75 / 2.8"	20
2810 6022 00	63 / 2½"	M8	118 / 4.6"	40 / 1.6"	94 / 3.7	20
2810 7022 00	80 / 3"	M8	162 / 6.4"	50 / 2"	118 / 4.6"	20



A minimum of two pipe clips is required to secure a pipe length.

The clip spacer compensates for the gap which is created when connecting pipes of a different diameter, and makes sure the network remains perfectly aligned.

Clip spacer

2810 □□27 □□

PART NUMBER	Ø (mm / inch)	DIMENSIONS (mm / inch)			LOT SIZE
		L	W	H	
2810 0027 00	20 / ¾″ 25 / 1″	30 / 1.2″	49 / 1.9″	30 / 1.2″	10
2810 0127 00	40 / 1½″ 50 / 2″ 63 / 2½″	30 / 1.2″	94 / 3.7″	40 / 1.6″	10

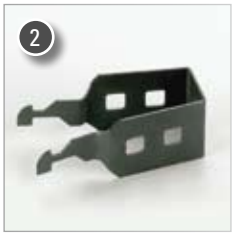
HANGING TO A BEAM I OR H PROFILE

Hanging to a beam I or H profile

PART NUMBER	TYPE	DIMENSIONS (mm / inch)			LOT SIZE
		L	W	H (beam thickness)	
2810 0035 00	Push-in beam clamp (1)	36 / 1.42″	18 / 0.71″	2 - 3 / 0.08″ - 0.12″	10
2810 0135 00		36 / 1.42″	18 / 0.71″	3 - 8 / 0.12″ - 0.31″	10
2810 0235 00		36 / 1.42″	18 / 0.71″	8 - 14 / 0.31″ - 0.55″	10
2810 0335 00		36 / 1.42″	18 / 0.71″	14 - 20 / 0.55″ - 0.79″	10
2810 0036 00	Screw beam clamp (2)	36 / 1.42″	18 / 0.71″	18 / 0.71″	10
2810 0038 00	Hang clamp (3)	64 / 2.52″	19 / 0.75″	1 - 4 / 0.04″ - 0.16″	10
2810 0138 00		64 / 2.52″	19 / 0.75″	4 - 7 / 0.16″ - 0.28″	10

OTHER HANGING SOLUTIONS

Other hanging solutions



PART NUMBER	TYPE	DIMENSIONS (mm / inch)			LOT SIZE
		L	W	H	
2810 0037 00	U-bolt beam clamp (1)	70 / 2.8″	43 / 1.7″	–	10
2810 0039 00	Roof clamp (2)	25 / 1″	–	–	10
2810 0050 00	Canalis hanger (3)	200 / 7.9″	59 / 2.3″	30 / 1.2″	05

TOOLS

AIRnet TOOLBOX

Order your complete AIRnet ToolBOX to assemble Ø20 - 50 mm (¾" - 2") pipes and quick drops.

AIRnet ToolBOX **2810 0245 00**

PART NUMBER	TYPE	DESCRIPTION
2810 1228 00	AIRnet spanner	Ø20 - 25 mm (¾" - 1")
2810 4047 00	AIRnet spanner	Ø40 mm (1½")
2810 5047 00	AIRnet spanner	Ø50 mm (2")
2810 0048 00	L key	Quick drop assembly
2810 0029 00	AIRnet pipe marker	For all diameters
2810 0040 00	Aluminium pipe cutter	The pipe cutter for large diameters (2810 0140 00) is supplied individually
2810 0141 00	Aluminium pipe deburrer	Only heavy duty model to cover all diameters up to Ø50 mm (2")
2810 0042 00	Hole deburrer	
2810 0043 00	Drill bit	For Ø19 mm (¾") / for quick drops reduced to Ø25 mm (1")
2810 0143 00	Drill bit	For Ø12.5 mm (½") / for quick drops reduced to Ø20 mm (¾")
2810 0044 00	Drill bit holder	–

TOOLSET

To assemble Ø63 - 80 mm (2½" - 3") pipes.

Toolset

PART NUMBER	TYPE	DESCRIPTION
2810 6047 02	AIRnet spanner	Ø63 mm (2½")
2810 7047 02	AIRnet spanner	Ø80 mm (3")
2810 0029 00	AIRnet pipe marker	For all diameters
2810 0140 00	Aluminium pipe cutter	Only for diameters larger than Ø40 mm (½")
2810 0241 00	Aluminium pipe deburrer	Ø63 (2½") / To be used with an electrical driller
2810 0341 00	Aluminium pipe deburrer	Ø80 mm (3") / To be used with an electrical driller
2810 0148 00	Side Fluid	Water-based

Chicago Pneumatic

Your distributor:

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