aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding

Transair: Advanced pipe systems for Industrials Fluids

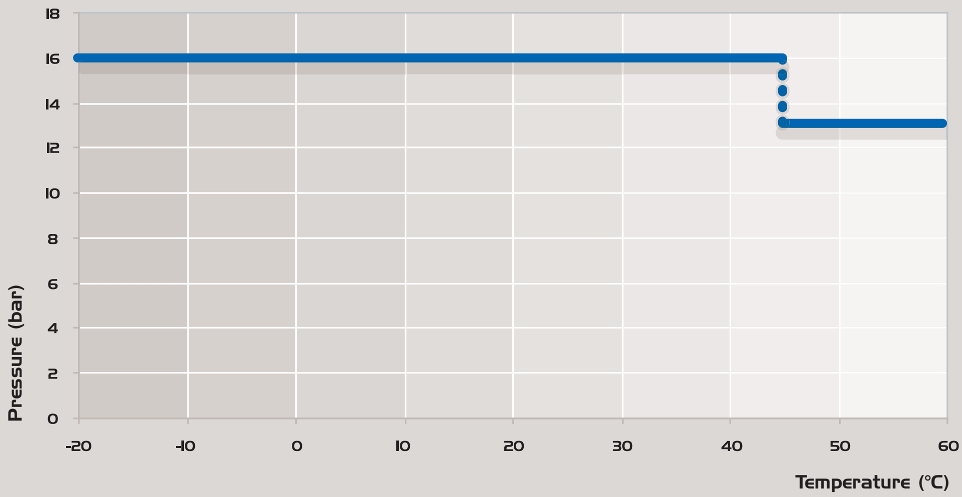
Catalogue Compressed Air - Vacuum - Neutral Gases

ENGINEERING YOUR SUCCESS.

>Technical specifications

>Fluids	• Compressed air (dry, wet, lubricated) • Vacuum • Inert gases (argon, nitrogen) • Other fluids: please consult us
>Maximum working pressure	13 bar from -20°C to +60°C 16 bar from -20°C to +45°C (except for 168mm)

Maximum working pressure versus operating temperature



>Vacuum level	98,7 % (13 mbar absolute pressure)
>Working temperature	from -20°C to +60°C
>Storage temperature	from -40°C to +80°C
>Resistance to	• corrosion • aggressive environments • mechanical shocks • thermal variations • U.V. • compressor oil carry over
>Environment	Materials are 100% recyclable. For silicone free applications: please consult us.

> Sizing

Select the TRANSAIR® diameter for your application based on required flow against pressure drop.

Estimated values for: a closed loop network, a pressure of 8 bar with 5% pressure drop. Velocity is not taken into account.

Flow rate			Length										Compressor (Kw)
			164ft	328ft	492ft	984ft	1640ft	2460ft	3280ft	4265ft	5249ft	6561ft	
Nm³/h	Nl/min	cfm	50m	100m	150m	300m	500m	750m	1000m	1300m	1600m	2000m	
10	167	6	16,5	16,5	16,5	16,5	25	25	25	25	25	25	1
30	500	18	16,5	25	25	25	25	40	40	40	40	40	3
50	833	29	25	25	25	40	40	40	40	40	40	40	5,5
70	1167	41	25	25	25	40	40	40	40	40	40	40	7,5
100	1667	59	25	40	40	40	40	40	40	63	63	63	11
150	2500	88	40	40	40	40	40	63	63	63	63	63	15
250	4167	147	40	40	40	63	63	63	63	63	63	76	25
350	5833	206	40	40	63	63	63	63	63	76	76	76	30
500	8333	294	40	63	63	63	63	76	76	76	100	100	45
750	12500	441	63	63	63	76	76	100	100	100	100	100	75
1000	16667	589	63	63	76	76	100	100	100	100	100	168	90
1250	20833	736	63	76	76	100	100	100	100	168	168	168	110
1500	25000	883	63	76	76	100	100	100	168	168	168	168	132
1750	29167	1030	76	76	100	100	100	168	168	168	168	168	160
2000	33333	1177	76	76	100	100	168	168	168	168	168	168	200
2500	41667	1471	76	100	100	100	168	168	168	168	168	168	250
3000	50000	1766	100	100	100	168	168	168	168	168	168	168	315
3500	58333	2060	100	100	100	168	168	168	168	168	168	168	355
4000	66667	2354	100	100	168	168	168	168	168	168	168*	168*	400
4500	75000	2649	100	100	168	168	168	168	168	168*	168*	168*	450
5000	83333	2943	100	168	168	168	168	168	168	168*	168*	168*	500
5500	91667	3237	100	168	168	168	168	168	168*	168*	168*	168*	550
6000	100000	3531	100	168	168	168	168	168*	168*	168*	168*	168*	600
6500	108333	3826	168	168	168	168	168	168*	168*	168*	168*	168*	650
7000	116667	4120	168	168	168	168	168	168*	168*	168*	168*	168*	700

*Pressure drop >5%

> Example

- Main network length (ring main): 300 metres
- Compressor power: 30 kW
- Required flow rate: 250 Nm³/h (147 cfm)
- Working pressure: 8 bar

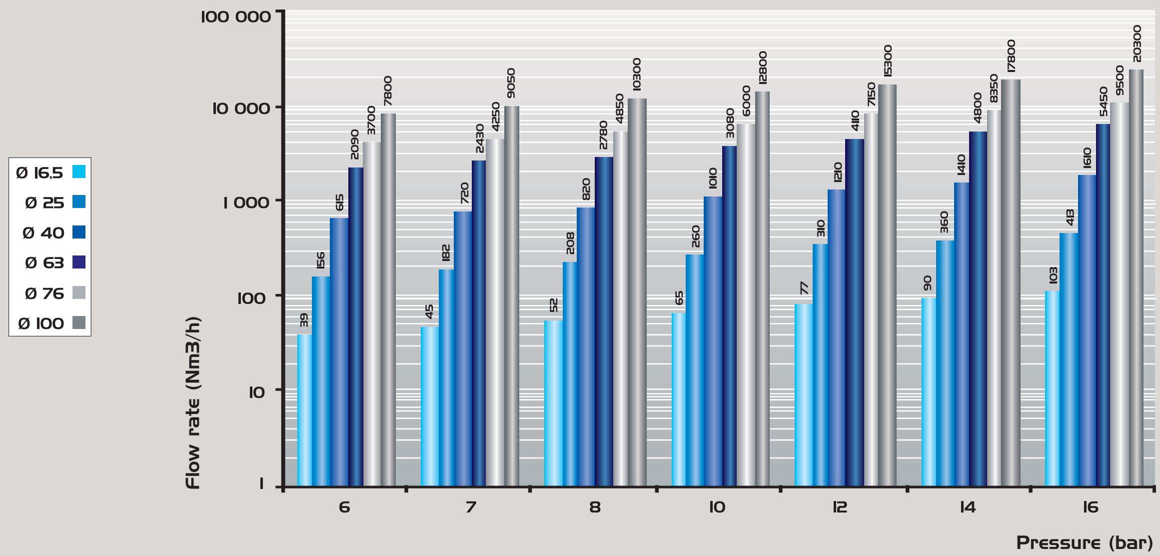
- *The most suitable Transair® diameter is: Ø 40.*

To size your air pipework system, you can also use the TRANSAIR® FLOW CALCULATOR. For more information, refer to page 5 of this catalogue.

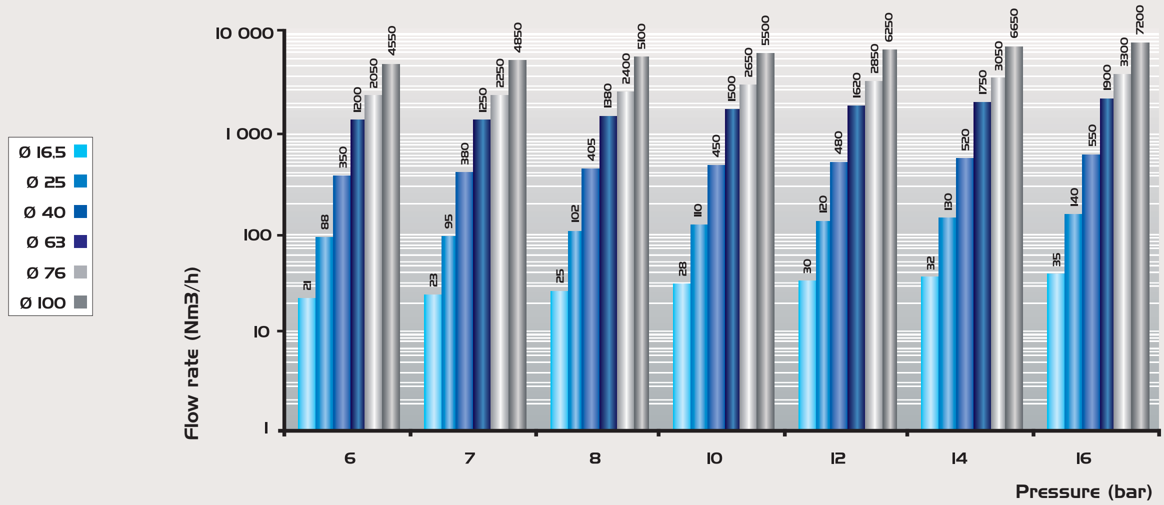
>Flow rates and pressure drop

Measurements provided by the official French testing body CETIM - Centre Technique des Industries Mecaniques. Charts are based on a 30m straight Transair® line.

Maximum flow rate with 5% pressure drop (To convert to cfm, use a coefficient of 0.588.)

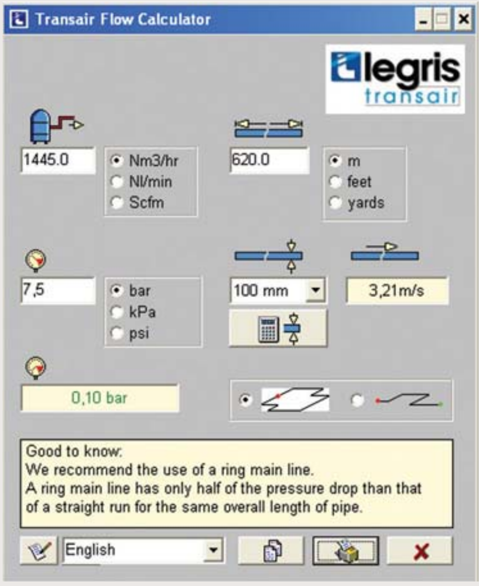


Maximum flow rate with 0,1 bar pressure drop. (To convert to cfm, use a coefficient of 0.588.)



>Transair® Flow Calculator

The TRANSAIR® FLOW CALCULATOR helps you to choose the most suitable diameter for your installation. Enter the flow of your compressor, the system pressure rating and the total equivalent length of the system. Select ring main or straight line layout, enter your preferred unit of calculation and then click for an immediate indication of the most suitable Transair® diameter (with a pressure drop of less than 5%).



>Example

> Flow rate: 1 445 Nm³/h (850 cfm) at 7,5 bar (109 psi)

> Ring main: 545 metres

> The recommended TRANSAIR® diameter is Ø76mm
(pressure drop of 0,10 bar = less than 5 %)

>Request download

The new TRANSAIR® FLOW CALCULATOR from our web site :
www.transair.legris.com

>Safety

>Fire resistance

All TRANSAIR® components are non-flammable with no propagation of flame.

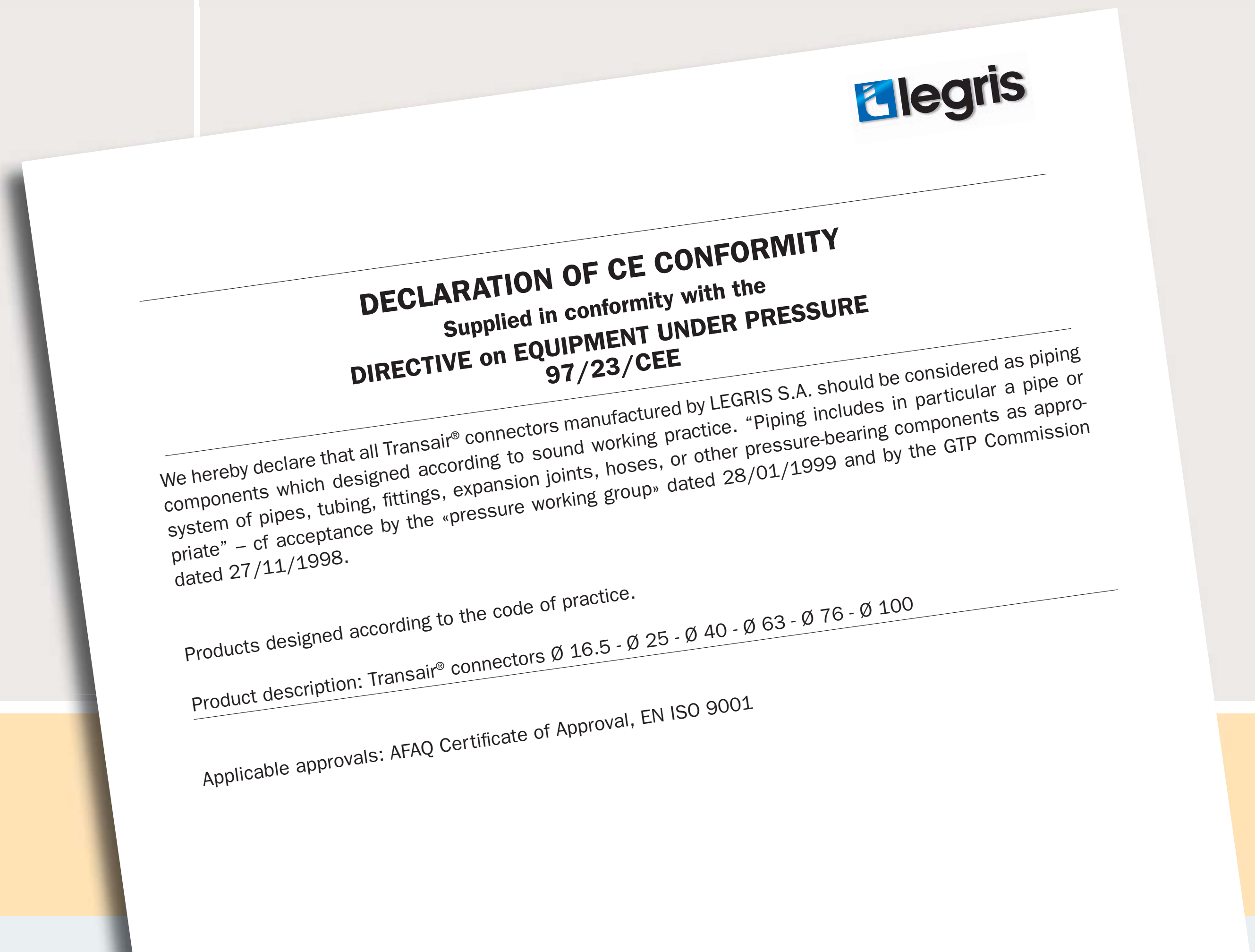
- pipe-to-pipe and stud connectors, ball valves and butterfly valves : conform to UL94HB standard
- fixture clips : conform to UL94V-2 standard
- flexible hoses : conform to ISO 8030 norm for compressed air applications, and to EN 12115 norm for vacuum applications
- pipe lacquer finish classified M0

>Electrical conductivity

In areas of potential risk, the earthing and electrical continuity of metallic components are obligatory. The Transair® system can be used in such environments by undertaking the appropriate precautions. For more information, please consult us.

>CE conformity

Transair® conforms to European standard 97/23 CEE - §3.3 (equipment under pressure).



legris

DECLARATION OF CE CONFORMITY
Supplied in conformity with the
DIRECTIVE on EQUIPMENT UNDER PRESSURE
97/23/CEE

We hereby declare that all Transair® connectors manufactured by LEGRIS S.A. should be considered as piping components which designed according to sound working practice. "Piping includes in particular a pipe or system of pipes, tubing, fittings, expansion joints, hoses, or other pressure-bearing components as appropriate" – cf acceptance by the «pressure working group» dated 28/01/1999 and by the GTP Commission dated 27/11/1998.

Products designed according to the code of practice.

Product description: Transair® connectors Ø 16.5 - Ø 25 - Ø 40 - Ø 63 - Ø 76 - Ø 100

Applicable approvals: AFAQ Certificate of Approval, EN ISO 9001

>Certification and Guarantee

>Certification ISO 9001 version 2000

Legris S.A. is certified ISO 9001 version 2000 and operates a Quality Management System in order to ensure the level of quality and service that is expected by its customers.

>TÜV certification

A product certified TÜV is a pledge of safety and quality. The Group TÜV thus certifies independent test results – in particular, the properties of the products and the standards whereby they were examined.

>QUALICOAT certification

QUALICOAT certification is a guarantee of the quality of the lacquer finish applied to Transair° aluminium pipe.

>ASME B31.1

TRANSAIR® meets the requirements of ASME B31.1 for non boiler external piping.

All TRANSAIR® components are guaranteed for 10 years.

legris transair

- TRANSAIR® GUARANTEE -

Legris SA agrees to replace free of charge any Transair® component which does not function due to a manufacturing or material defect, within a period of 10 years from the date of the installation.

The present guarantee is valid on condition that :
- Legris SA is given reasonable access to examine the products at issue.
- A material or an assembly defect in the fitting or other Transair® component must be clearly and obviously identified.

Excluded from this guarantee, which is limited to the cost of product replacement, are defects outside the control of Legris SA, in particular:
- Defects resulting from shocks, vibrations or wear due to contact with any element external to the Transair® installation.
- Defects due installation not complying with Legris SA's guidelines and recommendations.
- Defects due to an installation being used outside the technical limits defined by Legris SA.
- Defects caused by product modifications not approved in advance by Legris SA.

Claims under this Guarantee should be addressed in writing simultaneously to the distributor of the Transair® products concerned and to Legris SA, 74,rue de Paris, BP 70411 –35704 Rennes Cedex7 France, and its subsidiary

Site owner ....
Exact address
Number ....
Street ....Town / City ....
Post Code ....
Country..........
Building type: New Extension Modification ....

>Material

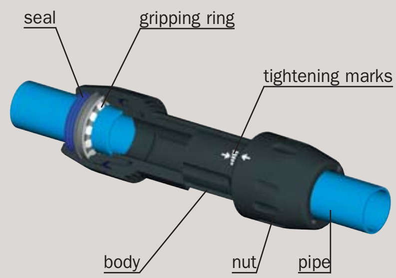
	Ø 16,5 - Ø 25 - Ø 40	Ø 63		Ø 76 - Ø 100
1003A	lacquered aluminium	lacquered aluminium	**TA03**	lacquered aluminium
1006A	lacquered aluminium	lacquered aluminium	**TA06**	lacquered aluminium
1001E air	hose and coating : black SBR reinforcement : synthetic braiding	hose and coating : black SBR reinforcement : synthetic braiding	**EW05**	seal: EPDM
1001E vacuum	hose and coating : black SBR / NBR reinforcement : spiral steel wire	hose and coating : black SBR / NBR reinforcement : spiral steel wire	**FP01**	hose and connector: black SBR/NBR reinforcement : spiral steel wire
4002 - 4012	engineering grade plastic	body: engineering grade plastic nut: treated aluminium	**RP01**	body and pushing ring : engineering grade plastic - seal: NBR
4089 - 4099 - 4230	body: treated brass nut: engineering grade plastic	-	**RR01**	clamp : treated steel cartridge : engineering grade plastic seal : NBR
4981	body: plated brass seal: PTFE and nitrile	-	**RR05**	treated brass
6602 - 6604	engineering grade plastic	treated aluminium	**RR61**	body: iron (EN 1563) - seal : NBR screw : treated stainless steel lining : elastomer
6605	body : treated brass nut : polymer HR / NBR	body : treated brass nut: treated aluminium / NBR	**RX02**	stainless steel 304
6606	engineering grade plastic	treated aluminium	**RX12**	stainless steel 304
6612	engineering grade plastic	treated aluminium	**RX04**	stainless steel 304
6621	treated aluminium	-	**RX23**	stainless steel 304
6625	engineering grade plastic	treated aluminium	**RX24**	stainless steel 304
6651	body : treated brass nut: engineering grade plastic	-	**RX64**	stainless steel 304
6661	body: engineering grade plastic insert : brass	body : engineering grade plastic insert : brass	**RX66**	stainless steel 304
6662	engineering grade plastic	polymère HR	**RX30**	stainless steel 304
6666	body : treated aluminium nut: engineering grade plastic	treated aluminium	**VR02**	body: iron disc and shaft : stainless steel
6676	engineering grade plastic	body : treated aluminium nut : polymer HR	**VR03**	nickel-plated brass
6680 - 6681	body: treated brass nut: engineering grade plastic	-	**Bracket**	zinc steel - rubber EPDM
6685 - 6686	treated brass	-	**For all silicone free applications : please consult us.**	
EA98	body : treated iron ball valve : plated brass	-		
RA69	engineering grade plastic	-		
RA65	body: engineering grade plastic insert : brass	-		
Clip - Spacer	engineering grade plastic	engineering grade plastic		
Adaptor	brass	-		
Fixture accessories	galvanized steel - brass			
Column	anodized aluminium			
Module	aluminium			
Composite coupler	body : polymer HR / Zamac - sleeve : polymer HR - spring and ball bearings : stainless steel - seal : nitrile - probe : treated steel			
Metal coupler	body : anodized duralumin - sleeve: treated nickel-plated steel - spring : stainless steel - seal : nitrile - probe : treated steel, treated brass			
Hose reel	plastic/metal case - fixing : metal			
Blow gun	reinforced polyamide - treated aluminium - insert brass			
Connections accessories	plated brass			
Anti whip-lash strap	steel			

> Transair® Technology

Innovative technology at the heart of TRANSAIR® enables rapid and easy assembly: quick connection of components to the aluminium pipe.
This technology takes into account the specific requirements of each diameter and provides the user with an optimum safety coefficient and easy connection.

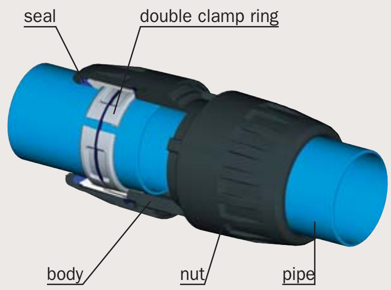
> Ø 16,5
> Ø 25
> Ø 40

Pipe-to-pipe and stud connectors in Ø 16,5, Ø 25 and Ø 40 can be immediately connected to Transair® pipe - simply push the pipe into the connector up to the connection mark. The gripping ring of each fitting is then automatically secured and the connection is safe.



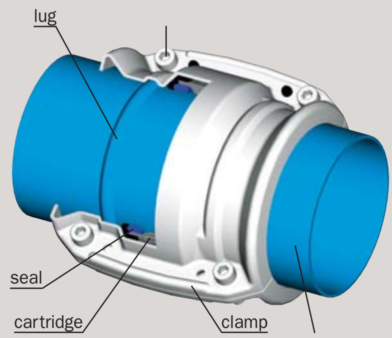
> Ø 63

Pipe-to-pipe and stud connectors in Ø 63 can be quickly connected to Transair® aluminium pipe by means of a double clamp ring. This secures the connection between the nut and the pipe - tightening of the nuts secures the final assembly.



> Ø 76
> Ø 100

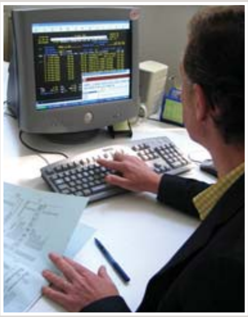
Pipe-to-pipe and stud connectors in Ø 76 and Ø 100 can be quickly connected to Transair® aluminium pipe. Position the pipes to be connected within the Transair® cartridge and close/tighten the Transair® clamp.



>Services

A number of additional Transair® services help you throughout your projects.

> Project assistance



Understanding, Proximity, Responsiveness. Field support

TRANSAIR® technical-commercial teams are at your disposal to study and help design your air network. In particular, they assist you in your project with :

- Information on the TRANSAIR® products and services,
- Guidance and training on how to assemble the system,
- Advice on “best practice” in order to reduce your consumption of energy,
- Ongoing assistance and follow-up.
- On-site advisory presence at construction and installation locations.

Internally

Our CUSTOMER SERVICE teams will co-ordinate a quick response to your requirements.

> Commercial service - France & International

- Product availability
- Order processing and follow-up
- Delivery time-phasing and modification
- Technical information

> Costing service

- Advice
- Design software

> Wherever you are in the world, you can contact us :

- by phone
- by fax
- by post
- by e-mail

To find the address of your nearest TRANSAIR® contact, please see the INDEX of this catalogue.

> Transair design software

- Installation sizing
- System layout and drawing
- Shopping list
- Available on CDROM

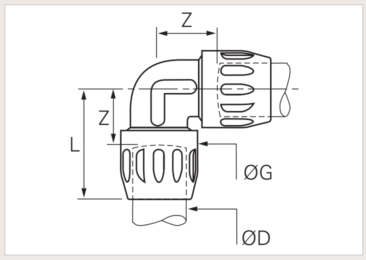
> Web site

- Practical information
- Downloadable literature files: catalogues, information on new products, introductory leaflet, instruction guidelines, newsletter.

www.transair.legris.com

> CAD drawings

All TRANSAIR® CAD drawings are available on a CDROM - in formats DWG, DXF and PS.



> Specification sheets

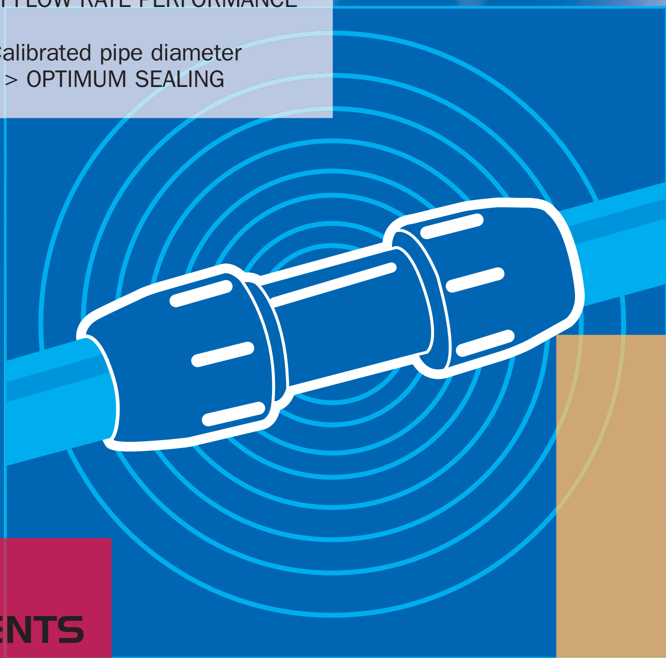
Formal technical specifications for the TRANSAIR® system are available in either Word or PDF format and can be directly integrated into your own documents.

ENERGY
SAVINGS

Consistent high quality
internal surface
> CLEAN AIR

Full flow connection and low friction
internal surface of the pipe
> HIGH FLOW RATE PERFORMANCE

Calibrated pipe diameter
> OPTIMUM SEALING

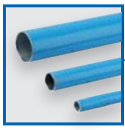
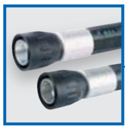


SAFETY

> non-flammable
materials

COMPONENTS GUARANTEED FOR 10 YEARS

> Products catalogue





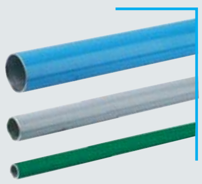


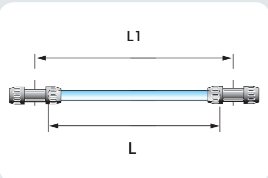



> Rigid aluminium pipe

- > Clean air
- > Optimum flow rate performance
- > Lightweight
- > QUALICOAT certified surface finish
- > 2 colours : blue (RAL 5012/BS1710), grey (RAL 7001), green (RAL 6029) (other colours : please consult us)
- > Suitable fluids : compressed air, vacuum, nitrogen, argon (other fluids : please consult us)
- > Ø 76 and Ø100 pipe is also available in stainless steel (please ask for details)
- > Max. working pressure :
  - 13 bar from -20°C to +60°C
  - 16 bar from -20°C to +45°C (please consult us for higher temperature requirements)
- > Vacuum : 98,7% (13 mbar absolute pressure)
- > Working temperature : -20°C to +60°C
- > Extruded pipe (conforms to EN 755.2, EN 755.8 and EN 573.3 standards)

Ø
16,5
25
40





Blue pipe

Transair®	Øout.	Øin	L1 (m)	L (m)
1003A17 04 00	16,5	13	3	2,930
1004A17 04	16,5	13	4,5	4,430
1003A25 04 00	25	22	3	2,903
1006A25 04 00	25	22	6	5,903
1003A40 04 00	40	37	3	2,885
1006A40 04 00	40	37	6	5,885

Grey pipe

Transair®	Øout.	Øin	L1 (m)	L (m)
1003A17 06 00	16,5	13	3	2,930
1003A25 06 00	25	22	3	2,903
1006A25 06 00	25	22	6	5,903
1003A40 06 00	40	37	3	2,885
1006A40 06 00	40	37	6	5,885

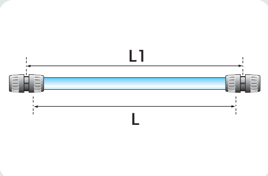
Green pipe

Transair®	Øext.	Øint.	L1 (m)	L (m)
1004A17 02	16,5	13	4,5	4,430
1006A25 02 00	25	22	6	5,903
1006A40 02 00	40	37	6	5,885

Sticker for compressed air networks

Sticker for vacuum networks

Ø
63



Blue pipe

Transair®	Øout.	Øin	L1 (m)	L (m)
1003A63 04	63	59	3	2,950
1006A63 04	63	59	6	5,950

Grey pipe

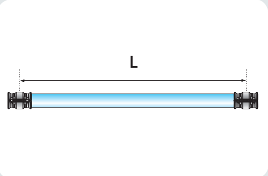
Transair®	Øout.	Øin	L1 (m)	L (m)
1003A63 06	63	59	3	2,950
1006A63 06	63	59	6	5,950

Green pipe

Transair®	Øext.	Øint.	L1 (m)	L (m)
1006A63 02	63	59	6	5,950

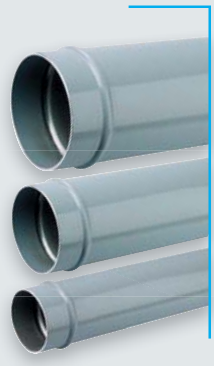
> Rigid aluminium pipe

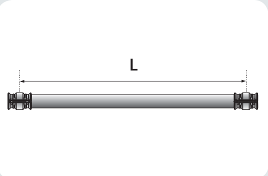
Ø
76
100
168



Blue pipe

Transair®	Øout.	Øin	L (m)
TA03 L1 04	76,3	72,3	3,000
TA06 L1 04	76,3	72,3	6,000
TA03 L3 04	101,8	97,2	3,000
TA06 L3 04	101,8	97,2	6,000
TA03 L8 04	168,3	161,3	3,000
TA06 L8 04	168,3	161,3	6,000





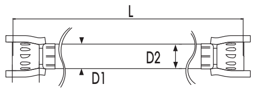
Grey pipe

Transair®	Øout.	Øin	L (m)
TA06 L1 06	76,3	72,3	6,000
TA06 L3 06	101,8	97,2	6,000
TA06 L8 06	168,3	161,3	6,000

> Flexible hose

- > Compressor outlets (absorption of vibration)
- > To bypass obstacles and join different levels
- > Expansion loops
- > Max. working pressure for flexible hose used for compressed air :
  -13 bar from -20°C to +60°C
  -16 bar from -20°C to +45°C (please consult us for higher temperature requirements)
- > Max. working pressure of vacuum flexible hose used for compressed air : 10 bar
- > Vacuum : 98,7% (13 mbar absolute pressure)
- > Working temperature : -20°C to +60°C
- > Resistant to mineral and synthetic compressor oils
- > Fire resistant (conforms to ISO 8030 standard for compressed air flexible hose and to EN 12.115 standard for vacuum flexible hose)

Ø 25 40



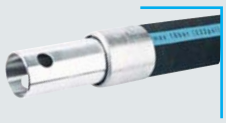
Flexible hose for compressed air networks

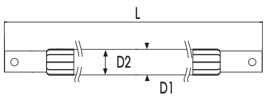
Transair®	DI	D2	L (m)	Min. bend radius (mm)	For use with Transair® pipe diameter
1001E25 00 01	38	25	0,570	100	25
1001E25 00 03	38	25	1,500	100	25
1001E25 00 04	38	25	2,000	100	25
1001E40 00 02	54	40	1,150	400	40
1001E40 00 04	54	40	2,000	400	40
1001E40 00 05	54	40	3,000	400	40

Flexible hose for vacuum networks

Transair®	DI	D2	L (m)	Min. bend radius (mm)	For use with Transair® pipe diameter
1001E25V00 01	36	25	0,570	75	25
1001E25V00 03	36	25	1,500	75	25
1001E25V00 04	36	25	2,000	75	25
1001E40V00 07	52	40	0,950	160	40
1001E40V00 04	52	40	2,000	160	40
1001E40V00 05	52	40	3,000	160	40

Ø 63





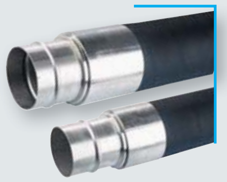
Flexible hose for compressed air networks

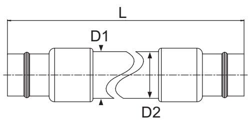
Transair®	DI	D2	L (m)	Min. bend radius (mm)	For use with Transair® pipe diameter
1001E63 00 08	79	63	1,400	300	63
1001E63 00 05	79	63	3,000	650	63
1001E63 00 06	79	63	4,000	650	63

Flexible hose for vacuum networks

Transair®	DI	D2	L (m)	Min. bend radius (mm)	For use with Transair® pipe diameter
1001E63 00 08	79	63	1,400	300	63
1001E63V00 05	76	63	3,000	250	63
1001E63V00 06	76	63	4,000	250	63

Ø 76 100 168





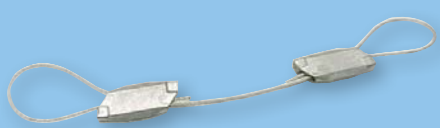
Flexible hose for compressed air and vacuum networks

Transair®	DI	D2	L (m)	Min. bend radius (mm)	For use with Transair® pipe diameter
FP01 L1 01	91	75	1,500	350	76
FP01 L1 02	91	75	2,000	350	76
FP01 L3 02	116	100	2,000	450	100
FP01 L3 03	116	100	3,000	450	100

Use 2 connectors RR01 to connect flexible hoses FP01 to Transair® pipe.

Transair®	DI	D2	L (m)	Min. bend radius (mm)	For use with Transair® pipe diameter
FX01 L8 02	168	150	3,200	900	168

Anti whip-lash strap



Prevents whip-lash should **Transair®** flexible hose be disconnected whilst under pressure.
Conforms to ISO 4414 safety standard.
Anti whip-lash strap includes 2 cables and 4 tensioning points.
6698 99 03 for Ø 25-40-63-76-100.
6698 09 07 for Ø 168 only.

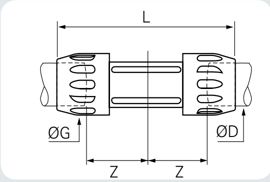
> Pipe-to-pipe and stud connectors

The range of Transair® pipe-to-pipe and stud connectors provides versatility of design and helps to overcome constraints often encountered with the structure of industrial buildings.

- **> Quick connection**
- **> Full bore design***
- **> Interchangeable** and reusable**
- **> Non-flammable materials (UL94-HB standard)**

***Consistent inner diameter for both pipe and connectors.**
****Applicable to Ø 16,5, Ø 25 and Ø 40**

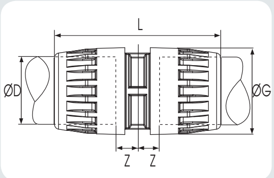
Ø 16,5 25 40



Pipe-to-pipe connector

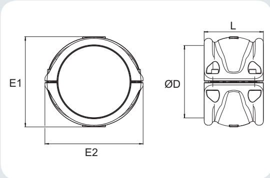
Transair®	ØD	ØG	L	Z
6606 17 00	16,5	34,0	120,5	33,0
6606 25 00	25	44,5	151,5	48,0
6606 40 00	40	67,0	205,0	57,0

Ø 63



Transair®	ØD	ØG	L	Z
6606 63 00	63	91,0	171,5	25,0

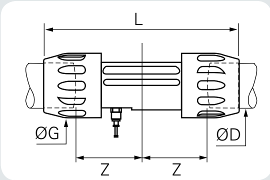
Ø 76 100 168



Pipe-to-pipe connector (clamp and cartridge)

Transair®	ØD	L	E1	E2
RR01 L1 00	76	146	103	132
RR01 L3 00	100	146	128	157
RR01 L8 00	168	139	212	230

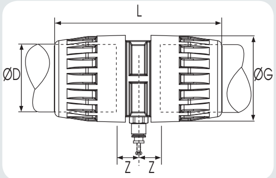
Ø 25 40



Pipe-to-pipe connector with vent

Transair®	ØD	ØG	L	Z
6676 25 00	25	44,5	151,5	48,0
6676 40 00	40	67,0	205,0	57,0

Ø 63



Transair®	ØD	ØG	L	Z
6676 63 00	63	91,0	171,5	25,0

Models supplied with 1/4” threaded fitting and Ø8 mm push-in connection, complete with blanking plug.

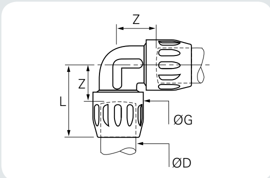
> **Max. working pressure :**
> **-13 bar from -20°C to +60°C**
> **-16 bar from -20°C to +45°C**
> **(please consult us for higher temperature requirements)**

> **Vacuum : 98,7% (13 mbar absolute pressure)**

> **Working temperature : -20°C to +60°C**

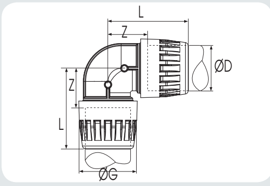
90° elbow

Ø 16,5 25 40

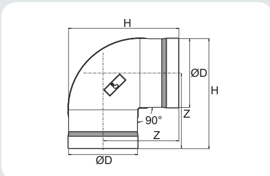
Transair®	ØD	ØG	L	Z
6602 17 00	16,5	34,0	58,0	31,0
6602 25 00	25	44,5	69,5	40,0
6602 40 00	40	67,0	107,0	62,0

Ø 63

Transair®	ØD	ØG	L	Z
6602 63 00	63	91,0	124,0	61,0

Ø 76 100 168

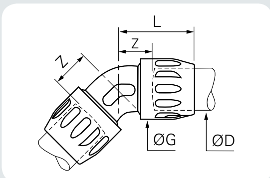



Transair®	ØD	H	Z
RX02 L1 00	76	227	189
RX02 L3 00	100	278	221
RA02 L8 00	168	269,2	185,0

Use 2 connectors RR01 to connect 90° elbow RX02 to Transair® pipe.

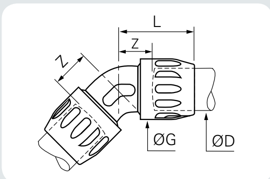
45° elbow

Ø 25 40

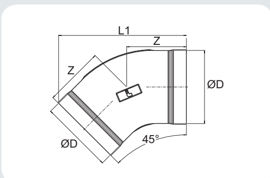
Transair®	ØD	ØG	L	Z
6612 25 00	25	44,5	61,5	32,5
6612 40 00	40	67,0	94,0	45,0

Ø 63

Transair®	ØD	ØG	L	Z
6612 63 00	63	91,0	100,0	37,0

Ø 76 100 168

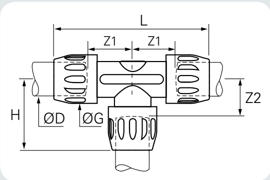
Transair®	ØD	Ll	Z
RX12 L1 00	76	235,5	122,3
RX12 L3 00	100	271,4	138,0
RA12 L8 00	168	310,5	147,5

Use 2 connectors RR01 to connect 45° elbow RX12 to Transair® pipe.

> Pipe-to-pipe and stud connectors

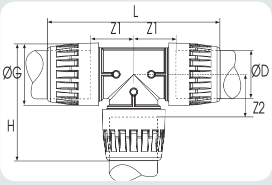
Equal tee

Ø 16,5 25 40



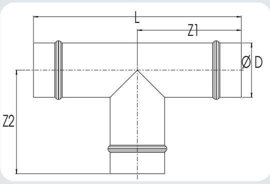
Transair®	ØD	G	H	L	Z1	Z2
6604 17 00	16,5	34,0	58,0	120,5	34,0	31,0
6604 25 00	25	44,5	67,5	151,5	48,0	40,0
6604 40 00	40	67,0	102,5	205,0	57,0	57,0

Ø 63



Transair®	ØD	G	H	L	Z1	Z2
6604 63 00	63	91,0	122,0	245,0	61,0	61,0

Ø 76 100 168

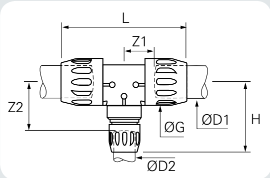


Transair®	ØD	L	Z1	Z2
RX04 L1 00	76	290	145	145
RX04 L3 00	100	310	155	135
RA04 L8 00	168	360	180	185

Use 3 connectors RR01 to connect equal tee RX04 to Transair® pipe.

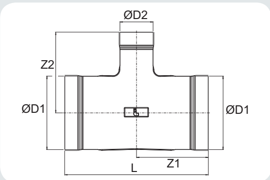
Reducing tee

Ø 63



Transair®	ØD1	ØD2	ØG	H	L	Z1	Z2
6604 63 40	63	40	91,0	161,0	245,0	61,0	116,0

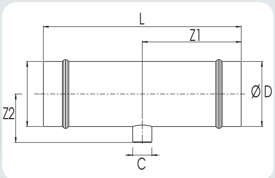
Ø 76 100 168



Transair®	ØD1	ØD2	L	Z1	Z2
RX24 L1 40	76	40	290	145	104
RX24 L1 63	76	63	290	145	163
RX24 L3 40	100	40	310	155	116,5
RX24 L3 63	100	63	310	155	175,8
RX04 L3 L1	100	76	310	155	135
RA04 L8 63	168	63	330	165	220
RA04 L8 L1	168	76	330	165	185
RA04 L8 L3	168	100	330	165	185

Use 2 connectors RR01 to connect reducing tee RX24 to Transair® pipes Ø 76 & Ø 100, and pipe-to-pipe connector 6606 to connect Transair® pipes Ø 40 & Ø 63

Ø
76
100

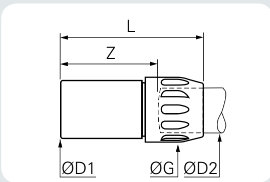


Threaded tee

Transair®	ØD	C	L	Z1	Z2
RX23 L1 04	76	G1/2	290	145	63
RX23 L3 04	100	G1/2	310	155	75,8

Use 2 connectors RR01 to connect threaded tee RX23 to Transair® pipe.

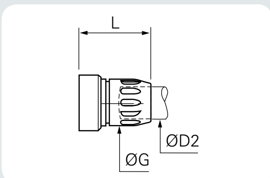
Ø
16,5
25
40



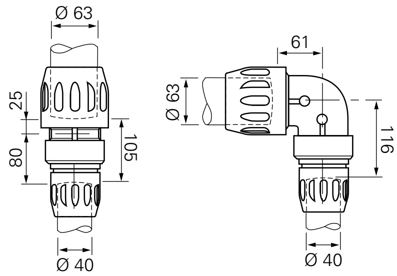
Plug-in reducer

Transair®	ØD1	ØD2	ØG	Z	L
6666 17 25	25	16,5	34,0	50,0	77,0
6666 25 40	40	25	44,5	71,0	100,5

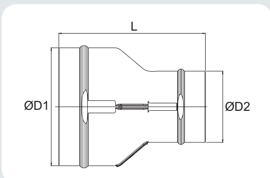
Ø
63



Transair®	ØD1	ØD2	ØG	L
6666 40 63	63	40	67,0	112,5



Ø
76
100
168

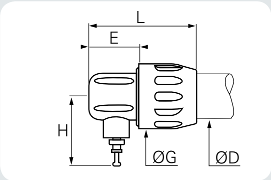


Transair®	ØD1	ØD2	L
RX64 L1 63	76	63	230
RX64 L3 63	100	63	250
RX66 L3 L1	100	76	192,5
RA66 L8 L1	168	76	210
RA66 L8 L3	168	100	210

Use 1 connector RR01 to connect plug-in reducer RX64 to Transair® pipes Ø 76 or Ø 100 and 1 pipe-to-pipe connector 6606 to connect to Transair® pipe Ø 63.
Use 2 x appropriately sized connectors RR01 to join plug-in reducer RX66 to Transair® pipes Ø100 and Ø76

> Pipe-to-pipe and stud connectors

Ø
16,5
25
40

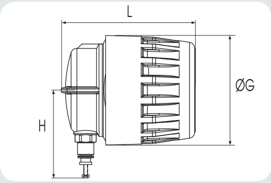


Vented end cap

Transair®	ØD	E	ØG	H	L
6625 17 00	16,5	25,5	34,0	45,5	62,5
6625 25 00	25	33,0	44,5	47,0	75,0
6625 40 00	40	34,5	67,0	55,0	98,5

Model Ø 16,5 : supplied with Ø6 mm plug.
Model Ø 25, Ø 40 and Ø 63 : supplied with Ø8 mm plug.

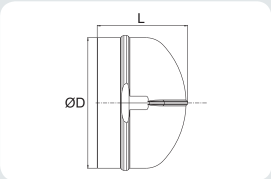
Ø
63



Transair®	ØD	E	ØG	H	L
6625 63 00	63	31,0	91,0	74,0	111

Model Ø 25, Ø 40 and Ø 63 : supplied with Ø8 mm plug.

Ø
76
100
168

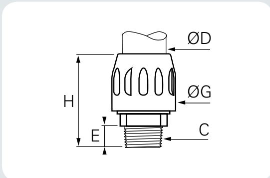


End-cap

Transair®	ØD	L
RX25 L1 00	76	99,6
RX25 L3 00	100	107,4
RA25 L8 00	168	117

Use 1 connectors RR01 to connect end-cap RX25 to Transair® pipe.

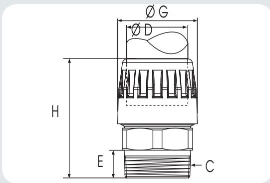
Ø
16,5
25
40



Male stud fitting, BSP taper

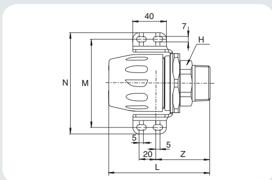
Transair®	ØD	C	E	ØG	H
6605 17 13	16,5	R1/4	9,5	34,0	62,5
6605 17 21	16,5	R1/2	15,0	34,0	68,0
6605 25 21	25	R1/2	15,0	44,5	70,5
6605 25 27	25	R3/4	15,0	44,5	71,5
6605 25 34	25	R1"	16,0	44,5	71,5
6605 40 34	40	R1"	16,0	67,0	111,5
6605 40 42	40	R1"1/4	21,5	67,0	111,5
6605 40 49	40	R1"1/2	24,5	67,0	114,5

Ø
63



Transair®	ØD	C	E	ØG	H
6605 63 48	63	R2"	26,9	91,0	118,5
6605 63 47	63	R2"1/2	31,5	91,0	130,5

Ø
40

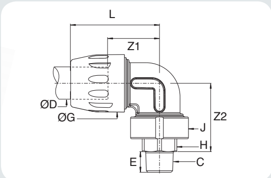


Male stud fitting with fixing plate - BSP taper

Transair®	ØD	C	H	L	K	M	N	Z
6615 40 42	40	R1"1/4	50	121	84	105	120	75
6615 40 49	40	R1"1/2	50	121	84	105	120	75

> Pipe-to-pipe and stud connectors

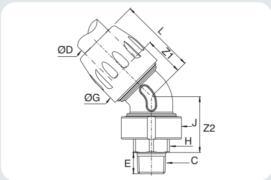
Ø
16,5
25
40
63



Male stud 90° elbow - BSP taper

Transair®	ØD	C	H	L	Z1	Z2
6609 17 13	16,5	R1/4	17	58,0	31,0	41,2
6609 17 21	16,5	R1/2	23	58,0	31,0	46,5
6609 25 21	25	R1/2	27	69,5	40,5	53,0
6609 25 27	25	R3/4	27	69,5	40,5	53,0
6609 25 34	25	R1"	36	69,5	40,5	55,0
6609 40 34	40	R1"	41	107,0	62,0	75,0
6609 40 42	40	R1"1/4	50	107,0	62,0	81,0
6609 40 49	40	R1"1/2	50	107,0	62,0	81,0
6609 40 48	40	R2"	60	107,0	62,0	81,0
6609 63 48	63	R2"	70	124,0	61,0	105,2
6609 63 47	63	R2"1/2	80	124,0	61,0	106,2

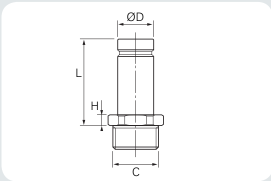
Ø
16,5
25
40
63



Male stud 45° elbow - BSP taper

Transair®	ØD	C	H	L	Z1	Z2
6619 25 21	25	R1/2	27	61,5	32,5	42,0
6619 25 27	25	R3/4	27	61,5	32,5	42,0
6619 25 34	25	R1"	36	61,5	32,5	44,0
6619 40 34	40	R1"	41	94,0	45,0	58,5
6619 40 42	40	R1"1/4	50	94,0	45,0	64,0
6619 40 49	40	R1"1/2	50	94,0	45,0	64,0
6619 40 48	40	R2"	60	94,0	45,0	64,0
6619 63 48	63	R2"	70	100,0	37,0	81,0
6619 63 47	63	R2"1/2	80	100,0	37,0	82,0

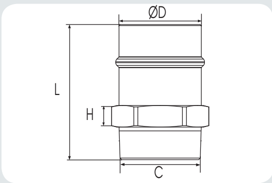
Ø
16,5
25
40



Male adaptor, BSP taper

Transair®	ØD	C	L	H
6621 17 21	16,5	R1/2	42,2	5,0
6621 25 21	25	R1/2	49,0	7,0
6621 25 27	25	R3/4	49,0	7,0
6621 25 34	25	R1"	49,0	7,0
6621 40 42	40	R1"1/4	73,7	8,0
6621 40 49	40	R1"1/2	75,7	10,0

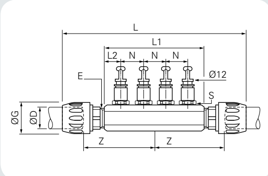
Ø
76



Transair®	ØD	C	L	H
RR05 L1 20	76	R2"1/2	125	20

Use 1 connector RR01 to connect male adaptor RR05 to Transair® pipe.

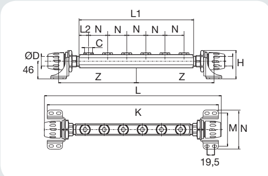
Ø
25
40



Manifold

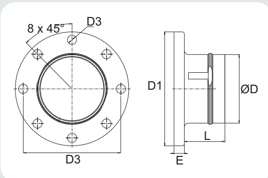
Transair®	ØD	G	L	L1	L2	N	Z	E	S
6651 25 12 04	25	44,5	271,0	151,0	23,0	35,0	107,0	G3/4"	G3/8"
6651 40 12 04	40	67,0	400,0	204,0	27,0	50,0	150,0	G1"1/4	G1/2"

Supplied with 4 Ø12 mm plugs (3126 12 00).



Transair®	ØD	C	L	L1	L2	K	N	Z	H	M
6652 25 21 06	25	G1/2	463	300	25	448	50	204	74	86,5
6652 40 21 06	40	G1/2	526	310	25	469	50	217	83	104,5

Ø
76
100
168



Flange - single

Transair®	ØD	DN	D1	D2	D3	E	L
RX30 L1 00	76	65	185	145	18	10	75
RX30 L1 00 01	76	80	200	160	18	10	75
RX30 L3 00	100	100	220	180	18	10	75
RA31 L8 00	168	150	279	240	22	25	100

Dimensions conform to EN 1092-1 and ISO 7005 standards.

Flange gasket - single

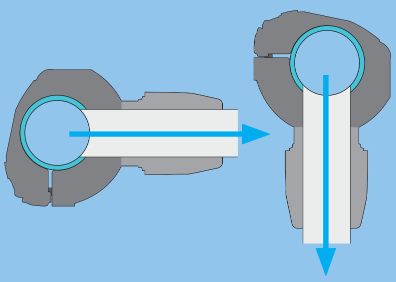
Transair®	ØD	For use with flange reference
EW05 L1 00	76	RX30 L1 00
EW05 L1 00 01	76	RX30 L1 00 01
EW05 L3 00	100	RX30 L3 00
EW05 L8 00	168	RA31 L8 00

Flange bolt kit

Transair®	C	L
EW06 00 01	M16	90
EW06 00 05	M20	80

Contains 8 bolts and 8 nuts.
Tightening torque : 200Nm

> Quick assembly direct feed brackets

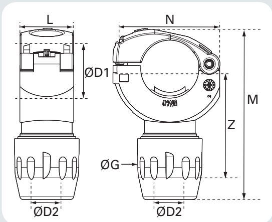


For rigid drops with horizontal take off or for all types of air supply with rigid pipe or flexible hose on an installation which incorporates an efficient air dryer.

- > Optimum flow
- > Compact
- > Well adapted for most OEM applications and for use with neutral gases
- > Quick installation without any cutting of pipe

Ø 25 40

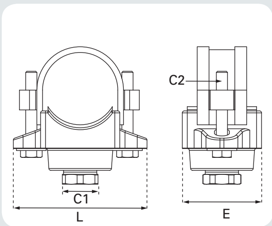
Quick assembly direct feed bracket



Transair®	ØDI	ØD2	M	G	L	N	Z
RA69 25 17	25	16,5	92	34	37	52	47,5
RA69 40 25	40	25	117	44,5	37	74	61

To drill Transair® pipe, use drilling tools 6698 02 01 and 6698 02 02.

Ø 76 100 168

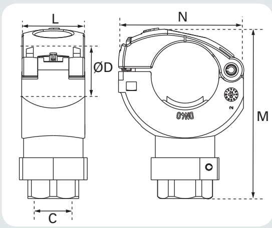


Transair®	ØD	C1	C2	E	L
RR61 L1 08	76	1”	M12	50	137
RR61 L3 08	100	1”	M12	80	158
RR63 L8 12	168	1 1/2”	M16	90	235
RR63 L8 16	168	2”	M16	103	235

RR61 supplied with Ø 25 - 1” adaptor (6621 25 34).
To drill Transair® pipe, use drilling tool EW09.
RR63 supplied without adaptor.

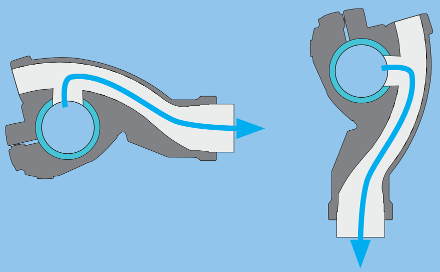
Ø 25 40

Quick assembly direct feed mini-bracket with female thread



Transair®	ØD	C	L	N	M
RA65 25 04	25	G1/2	37	52	86
RA65 40 04	40	G1/2	37	74	100

Supplied with blanking plug.
To drill Transair® pipe, use drilling tools 6698 02 01 and 6698 02 02.

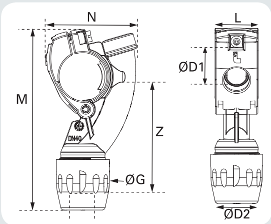


New generation quick assembly brackets are recommended for vertical or horizontal take-offs, using either rigid pipe or flexible hose.

- > Integral water retention device
- > Very high flow
- > Quick installation without any cutting of pipe

Quick assembly brackets

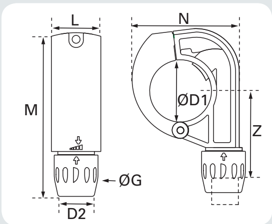
Ø 25 40



Transair®	ØDI	ØD2	M	ØG	L	N	Z
6662 25 17	25	16,5	139,5	34	36	63,5	82
6662 25 00	25	25	134	44,5	36	63,5	74
6662 40 17	40	16,5	154	34	37,5	76,5	89
6662 40 25	40	25	149,5	44,5	37,5	76,5	82

To drill Transair® pipe, use drilling tools 6698 02 01 and 6698 02 02.

Ø 63

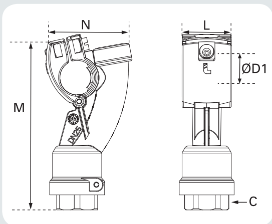


Transair®	ØDI	ØD2	M	G	L	N	Z
6662 63 25	63	25	166,5	44,5	50	108,5	75

To drill Transair® pipe, use drilling tool 6698 02 02.

Quick assembly mini-bracket with female thread

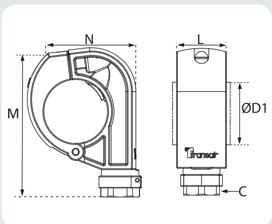
Ø 25 40



Transair®	ØDI	C	M	L	N
6661 25 21	25	G1/2	117,5	36	63,5
6661 40 21	40	G1/2	132	37,5	76,5
6661 40 27	40	G3/4	132	37,5	76,5

Supplied with blanking plug.
To drill Transair® pipe, use drilling tools 6698 02 01 and 6698 02 02.

Ø 63



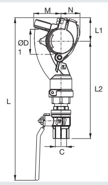
Transair®	ØDI	C	M	L	N
6661 63 21	63	G1/2	138,9	50	98,5
6661 63 27	63	G3/4	138,9	50	98,5

Supplied with blanking plug.
To drill Transair® pipe, use drilling tool 6698 02 02.

Quick assembly mini-brackets with coupler

Quick assembly mini-brackets with pre-assembled coupler allow time savings during installation.

Ø
25
40
63



Quick assembly bracket with pre-assembled ball valve - BSP parallel

Transair®	ØD	C	L	L1	L2	M	N
6669 25 21	25	G1/2	256	32,0	155	40,0	23,0
6669 40 21	40	G1/2	270	39,0	162	45,0	31,0
6669 40 27	40	G3/4	302	39,0	174	45,0	31,0
6669 63 21	63	G1/2	275	63,0	142	60,0	48,0
6669 63 27	63	G3/4	297	63,0	146	60,0	48,0

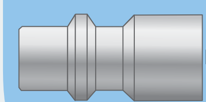
Ø
25
40

Mini-bracket with coupler

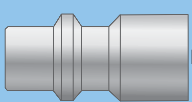
Transair®	ØD	C	Profile	Bore (mm)
6660 25 U1	25	G1/2	ISO B	5,5
6660 25 U2	25	G1/2	ISO B	8
6660 25 E4	25	G1/2	EURO	7,2
6660 25 A1	25	G1/2	ARO	5,5
6660 40 U1	40	G1/2	ISO B	5,5
6660 40 U2	40	G1/2	ISO B	8
6660 40 E4	40	G1/2	EURO	7,2
6660 40 A1	40	G1/2	ARO	5,5

Ø
63

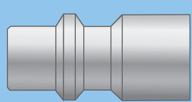
Transair®	ØD	C	Profile	Bore (mm)
6660 63 U1	63	G1/2	ISO B	5,5
6660 63 U2	63	G1/2	ISO B	8
6660 63 E4	63	G1/2	EURO	7,2
6660 63 A1	63	G1/2	ARO	5,5



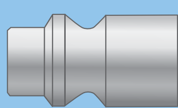
ISO B 6



ISO B 8



EURO 7,2



ARO 5,5

> Pressurised system outlet

> Ideal for fast assembly of new pressurised outlets, without venting the compressed air network.

> The drilling tool can be used with most standard drills.

We recommend, however, that the pipe work network is drained prior to the addition of an outlet. Thanks to the lateral dismantling capability of Transair® pipe and the use of quick assembly brackets, this operation can be completed very quickly (less than 7 min. for a new outlet) and guarantees the interior cleanliness of the circuit.

Ø 25 40

Pressurised system outlet

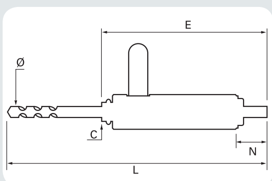
Transair®	ØD
EA98 06 01	25
EA98 06 02	40

Bracket with ball valve BSP 1/2”

Ø 63

Transair®	ØD
EA98 06 03	63

Bracket with ball valve BSP 1/2”



Pressurised system drilling tool

Transair®	C	ØD	L	E	N
EA98 06 00	G1/2	13	330,0	154,0	30,5

Sealing washer

> Wall brackets

> 1 or 2 ports

> Pre-assembled composite safety couplers (6670 & 6671)

> For wall or machine mounting

> Supplied with end-cap

> Secondary outlet G1/4

> Working pressure :
-13 bar from -20°C to +60°C
-16 bar from -20°C to +45°C (please consult us for higher temperature requirements)

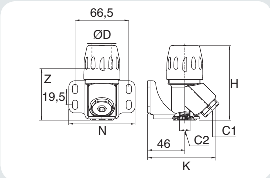
> Non-flammable (conforms to UL94-HB standard)

> Vacuum : 98,7% (13 mbar absolute pressure)

> Working temperature : -20°C to +60°C

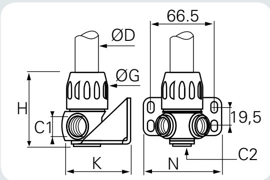
Ø 16,5 25

1 port 45° wall bracket - BSP parallel



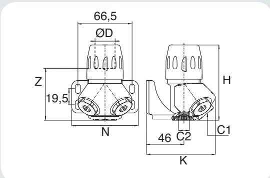
Transair®	ØD	C1	C2	H	Z	K	N
6639 17 21	16,5	G1/2	G1/4	89,5	63,5	84,5	82,0
6639 25 21	25	G1/2	G1/4	92,5	63,5	84,5	82,0

2 port wall bracket - BSP parallel



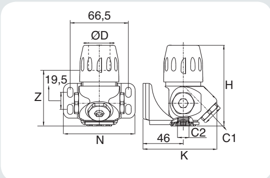
Transair®	ØD	C1	C2	G	H	K	N
6681 17 21	16,5	G1/2	G1/4	34	65	74,5	82
6681 25 21	25	G1/2	G1/4	44,5	81	74,5	82

2 port 45° wall bracket - BSP parallel



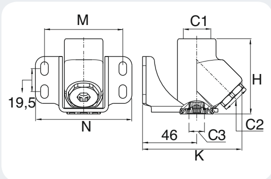
Transair®	ØD	C1	C2	H	Z	K	N
6682 17 21	16,5	G1/2	G1/4	89,5	63,5	84,5	82,0
6682 25 21	25	G1/2	G1/4	92,5	63,5	84,5	82,0

3 port wall bracket - BSP parallel



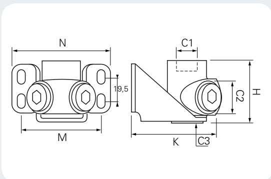
Transair®	ØD	C1	C2	H	Z	K	N
6695 25 21	25	G1/2	G1/4	92,5	63,5	84,5	82,0

1 port 45° threaded wall bracket - BSP parallel



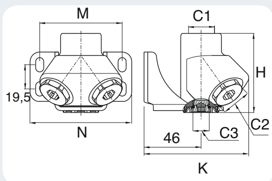
Transair®	C1	C2	C3	H	K	M	N
6641 21 21	G1/2	G1/2	G1/4	64,0	84,5	66,5	82,0

2 port threaded wall bracket - BSP parallel



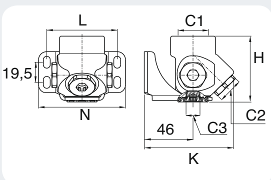
Transair®	C1	C2	C3	H	K	M	N
6686 21 21	G1/2	G1/2	G1/4	48	72,5	66,5	82

2 port 45° threaded wall bracket - BSP parallel



Transair®	C1	C2	C3	H	K	M	N
6690 21 21	G1/2	G1/2	G1/4	64,0	84,5	66,5	82,0

3 port threaded wall bracket - BSP parallel

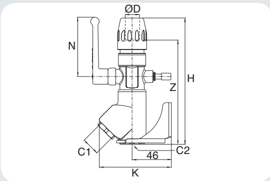


Transair®	C1	C2	C3	H	Z	K	N
6635 27 21	G3/4	G1/2	G1/4	64,0	84,5	66,5	82,0

> Wall brackets

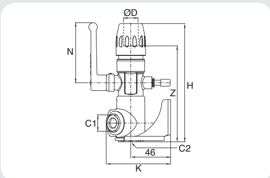
Ø 16,5 25

1 port 45° threaded wall bracket with ball valve - BSP parallel



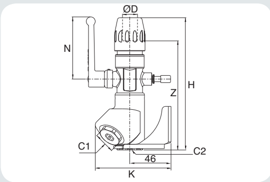
Transair®	ØD	C1	C2	H	Z	K	N
6678 17 21	16,5	G1/2	G1/4	148,5	123,0	84,5	69,5
6678 25 21	25	G1/2	G1/4	173,0	142,0	84,5	108,5

2 port 90° threaded wall bracket with ball valve - BSP parallel



Transair®	ØD	C1	C2	H	Z	K	N
6672 17 21	16,5	G1/2	G1/4	137,0	111,5	74,5	69,5
6672 25 21	25	G1/2	G1/4	163,0	132,0	74,5	108,5

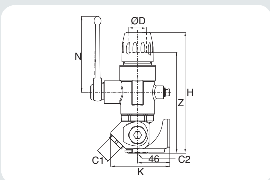
2 port 45° wall bracket with ball valve - BSP parallel



Transair®	ØD	C1	C2	H	Z	K	N
6693 17 21	16,5	G1/2	G1/4	148,5	123,0	84,5	69,5
6693 25 21	25	G1/2	G1/4	173,0	142,0	84,5	108,5

Ø 25

3 port wall bracket with ball valve - BSP parallel



Transair®	ØD	C1	C2	H	Z	K	N
6637 25 21	25	G1/2	G1/4	173,0	142,0	84,5	108,5

Ø
16,5
25

1 port 45° wall bracket with coupler - BSP parallel

Transair®	ØD	Profile	Bore (mm)
6677 17 A1	16,5	ARO	5,5
6677 17 E4	16,5	EURO	7,2
6677 17 U1	16,5	ISO B	6
6677 17 U2	16,5	ISO B	8
6677 25 A1	25	ARO	5,5
6677 25 E4	25	EURO	7,2
6677 25 U1	25	ISO B	6
6677 25 U2	25	ISO B	8

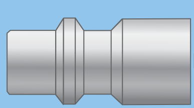
2 port 45° wall bracket with coupler - BSP parallel

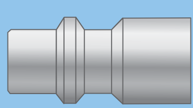
Transair®	ØD	Profile	Bore (mm)
6692 17 A1	16,5	ARO	5,5
6692 17 E4	16,5	EURO	7,2
6692 17 U1	16,5	ISO B	6
6692 17 U2	16,5	ISO B	8
6692 25 A1	25	ARO	5,5
6692 25 E4	25	EURO	7,2
6692 25 U1	25	ISO B	6
6692 25 U2	25	ISO B	8

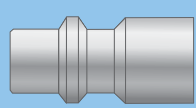
2 port wall bracket with coupler

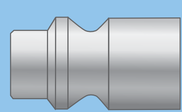
Transair®	ØD	Profile	Bore (mm)
6671 17 U1	16,5	ISO B	5,5
6671 17 U2	16,5	ISO B	8,0
6671 17 E4	16,5	EURO	7,2
6671 17 A1	16,5	ARO	5,5
6671 25 U1	25	ISO B	5,5
6671 25 U2	25	ISO B	8,0
6671 25 E4	25	EURO	7,2
6671 25 A1	25	ARO	5,5

1/2" BSP parallel connection between the wall bracket and the composite safety coupler.
Couplers supplied with each wall bracket are ready for immediate use.


ISO B 6


ISO B 8


EURO 7,2

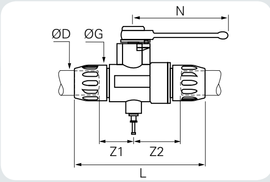

ARO 5,5

> Ball valves and Butterfly Valves

Transair® ball valves and butterfly valves placed regularly throughout the network and at key locations, such as compressor outlets and upstream of pneumatic tools, allow ease of system isolation and pipe work reconfiguration / maintenance.

- **> Quick connection**
- **> Available in lockable version (only in Ø 63)**
- **> Manual or piloted operation (only in Ø 40)**

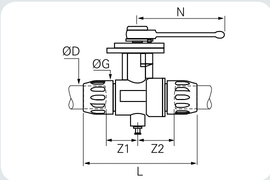
Ø 16,5 25

Double female, vented

Transair®	ØD	G	L	N	Z1	Z2
4089 17 00	16,5	34,0	120,0	69,5	29,0	42,0
4089 25 00	25	44,5	152,0	108,5	40,0	55,0

Model 4089 17 00 : supplied with Ø6 mm plug.
Model 4089 25 00 : supplied with Ø8 mm plug.

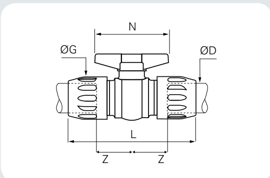



Lockable valve, vented

Transair®	ØD	G	L	N	Z1	Z2
4099 17 00	16,5	34,0	121,0	69,0	29,0	42,0
4099 25 00	25	44,5	151,7	108,3	40,0	55,0

Model 4099 17 00 : supplied with Ø6 mm plug.
Model 4099 25 00 : supplied with Ø8 mm plug.

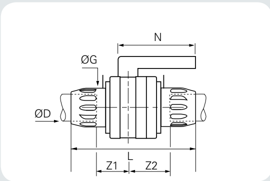
Ø 40

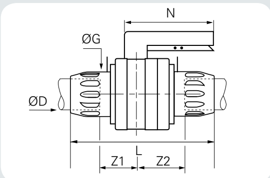
Double female valve

Transair®	ØD	G	L	N	Z
4002 40 00	40	67,0	205,0	122,0	57,0

Ø 63

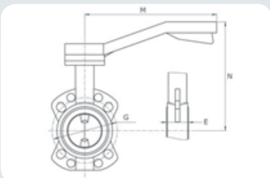
Transair®	ØD	G	L	N	Z1	Z2
4002 63 00	63	91,0	278,0	185,0	79,0	93,0

Lockable valve

Transair®	ØD	G	L	N	Z1	Z2
4012 63 00	63	91,0	278,0	185,0	79,0	93,0

Ø 76 100 168

Butterfly Valve

Transair®	ØD	DN	G	M	N	E
VR02 L1 00	76	80	145	300	250	50
VR02 L3 00	100	100	180	270	210	56
VR02 L8 00	168	150	240	300	290	56

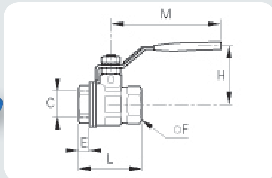
Model with CE marking. Supplied with bolts.

> **Max. working pressure :**
> **- 13 bar from -20°C to +60°C**
> **- 16 bar from -20°C to +45°C**
> **(please consult us for higher temperature requirements)**

> **Vacuum : 98,7%**
> **(13 mbar absolute pressure)**

> **Working temperature : -20°C to +60°C**

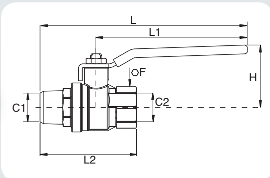
Double female valve, BSP parallel

Transair®	C	DN	Max. Pressure (bar)	E	F	H	L	M
VR03 00 02	G1/4	10	30	11,4	20	43	51,5	98
VR03 00 03	G3/8	10	30	11,4	20	43	51,5	98
VR03 00 04	G1/2	15	30	13,5	25	47	55	98
VR03 00 06	G3/4	20	30	12,5	31	58	57,5	122
VR03 00 08	G1"	25	30	15	38	60	69,5	122
VR03 00 10*	G1"1/4	32	25	17	48	77	81,5	153
VR03 00 12*	G1"1/2	40	25	28	54	83	95	153
VR03 00 16*	G2"	50	25	22	66	95	113	162
VR03 00 20*	G2"1/2	61	16	24	84	95	132,5	24

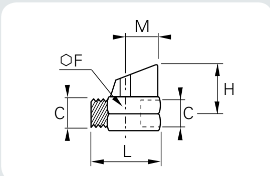
*Model with CE marking.

Male-Female ball valve - male BSP taper, female BSP parallel

Transair®	C1	C	DN	Max. Pressure (bar)	F	H	L	L1	L2
VR04 00 04	R1/2	G1/2	15,0	40	25	43,0	140,5	100	70,0
VR04 00 06	R3/4	G3/4	20,0	40	31	50,0	164,5	120	76,5
VR04 00 08	R1"	G1"	25	40	40	54	172	120	92,5
VR04 00 10	R1"1/4	G1"1/4	32	40	49	73	217,5	158	106
VR04 00 12	R1"1/2	G1"1/2	40	40	54	79	220	158	113
VR04 00 16	R2"	G2"	50	40	68,5	86	230,5	158	133
VR04 00 20	R21/2	G2"1/2	65	30	85	132	357,5	255	180,5

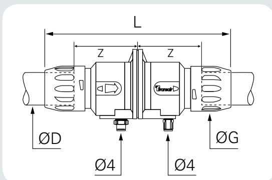
Mini-valve, male and female, BSP taper

Transair®	C	DN	F	H	L	M
4981 10 21TR	R1/2	10	25	31	46	20,5

Max. working pressure : 10 bar

Remote control shut-off valve

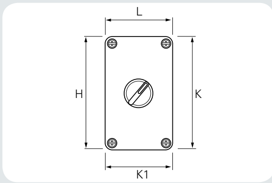



Transair®	ØD	G	L	Z
4230 00 40	40	67	261	85,0

Min. working pressure : 4 bar • Max. working pressure : 13 bar
The Transair® remote control shut-off valve is supplied with a plugged vent hole.
This allows venting of the downstream network, after closing the valve.

Ø 40

Pilot kit

Transair®	H	K	K1	L
4299 03 01	145	106	70	82

This pilot kit comprises : pneumatic ON/OFF switch (maximum 10 bar operating pressure), twin 4 mm OD polyurethane tube (length 10 m) and plastic box.

> Tools

> Practical tools for the installation and extension of Transair® air pipe networks.

> Presented in a carrying case, or available as separate parts.

Ø 16,5 ↓ 40

Tool case

Transair®	H	L	l
6698 00 04	315	290	105

Contents of tool case 6698 00 04:

- Drilling jig 6698 01 01
- Drilling tools 6698 02 01 and 6698 02 02
- Cutter for rigid pipe 6698 03 01
- Chamfer tool 6698 04 01
- Deburring tool 6698 04 02
- Marking tool 6698 04 03

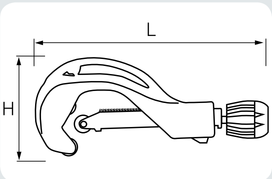
Ø 16,5 ↓ 63

Transair®	H	L	l
6698 00 03	315	290	105

Contents of tool case 6698 00 03:

- Drilling jigs 6698 01 01 and 6698 01 02
- Drilling tools 6698 02 01 and 6698 02 02
- Cutter for rigid pipe 6698 03 01
- Chamfer tool 6698 04 01
- Deburring tool 6698 04 02
- Set of tightening spanners 6698 05 03
- Marking tool 6698 04 03

Ø 16,5 ↓ 168

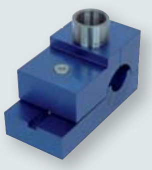


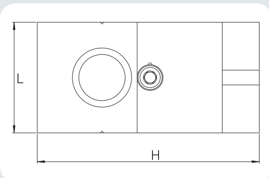
Cutter for rigid aluminium pipe

Transair®	L	H	Used for Transair® pipe
6698 03 01	230	98	Ø 16,5 - 25 - 40 - 63
EW08 00 01	360	155	Ø 63 - 76 - 100
EW08 00 03	600	300,0	Ø 168

Spare rotary cutter blade for Transair® cutter 6698 03 01 : EW08 00 99
Spare rotary cutter blade for Transair® cutter EW08 00 01 : EW08 00 02
Spare rotary cutter blade for Transair® cutter EW08 00 03 : EW08 00 04

Ø 25 ↓ 40



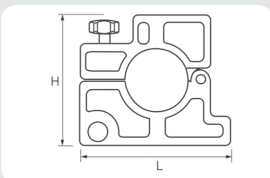


Drilling jig for rigid aluminium pipe

Transair®	H	L	Used for Transair® pipe
6698 01 01	120	60	Ø 25 - 40

After drilling, de-burr and clean the pipe.

Ø 63

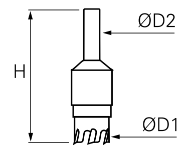


Drilling jig for rigid aluminium pipe

Transair®	H	L	Used for Transair® pipe
6698 01 02	134	155	Ø 63

After drilling, de-burr and clean the pipe.

Ø
25
↓
63



Drilling tool for rigid aluminium pipe

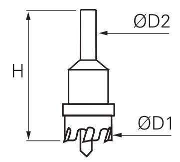
Transair®	ØDI	ØD2	H	For Transair® pipe
6698 02 02	16	12	71	Ø 25
6698 02 01	22	12	71	Ø 40 - 63

Drilling tool 6698 02 02 allows the installation of Ø 25 Transair® brackets.

Drilling tool 6698 02 01 allows the installation of Ø 40 or Ø 63 Transair® brackets. It is also used to create the 2 holes needed for double-clamp ring connectors when cutting to length Ø.

Both tools can be used with all types of drill, with the drilling tool 6698 01 01 or 6698 01 02, at a maximum rotation speed of 650 tr/min.

Ø
76
100
168

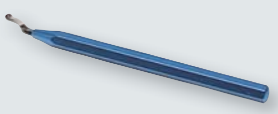


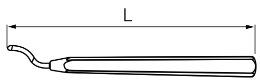
Transair®	ØDI	ØD2	H	For Transair® pipe
EW09 00 22	22	10	69	Ø 40 - 63
EW09 00 30	30	12	71	Ø 76 - 100
EW09 00 51	51	12	110	Ø 168
EW09 00 64	64	12	110	Ø 168

Thanks to its unique design, EW09 00 22 drilling tool may be used to carefully drill pipes without use of jig 6698 01 01.
The EW09 00 30 drilling tool allows the installation of RR61 Transair® direct feed bracket when using Ø 76 & Ø 100 diameter pipe.

Both tools can be used on any type of drilling machine, without the drilling jig, at a maximum rotation speed of 450 tr/min for the aluminium tubes. After drilling, it is necessary to deburr and clean the tube.

Ø
16,5
↓
100

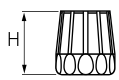




Deburring tool for rigid aluminium pipe

Transair®	L
6698 04 02	140

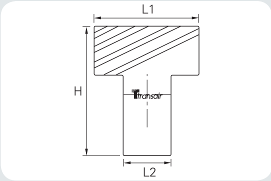
Ø
16,5
25
40



Chamfer tool for rigid aluminium pipe

Transair®	H
6698 04 01	64

Ø
16,5
25
40



Marking tool for rigid aluminium pipe

Transair®	H	L1	L2
6698 04 03	88	73	33

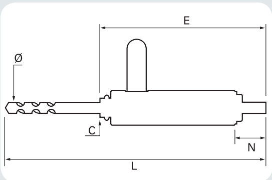
The marking tool enables connection guidelines to be marked on cut lengths of Transair® pipe, These marks indicate the insertion limits of the pipe into each fitting in order to ensure good airtight connection and security of grip.

Ø
63

Set of tightening spanners for Ø 63 nuts

Transair®
6698 05 03

This set includes 2 tightening spanners.



Pressurised system drilling tool

Transair®	C	ØD	L	E	N
EA98 06 00	G1/2	13	330,0	154,0	30,5

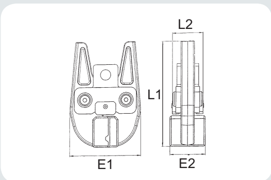
Sealing washer

Portable tool kit

Transair®	V
EW01 00 01	220
EW01 00 03	110

This case contains : 1 portable tool, 1 12V battery and battery charger.

Ø
76
100
168



Jaw set for portable tool

Transair®	ØD	E1	E2	L1	L2
EW02 L1 00	76	103	52	154	46
EW02 L3 00	100	103	71	154	46
EW02 L8 00	168	103	71	154	46

12V battery for portable tool

Transair®
EW03 00 01

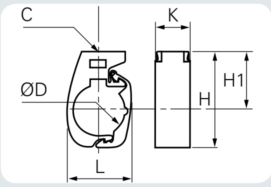
> Fixture and accessories

> Easy adaptation for all pipework configurations

> For suspension of pipes, from walls, partitions, beams, cable trays, Canalis electrical installations, etc, vertically or horizontally

> Perfectly adapted for use with Transair® networks

Ø 16,5 25 40

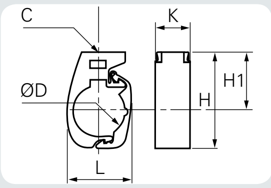


Fixing clip for rigid pipe

Transair®	ØD	C	HI	H	K	L
6697 17 00	16,5	M6X1	46	61	30	32,5
6697 25 00	25	M6X1	46	65,5	30	38,5
6697 40 00	40	M6X1	46	74,5	30	50

To ensure good stability of the network, we recommend the use of at least 2 clips per pipe.
Use only this clip for fixing Transair® rigid pipe, all other types of clip are to be avoided.

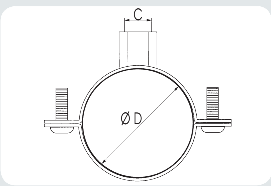
Ø 63



Transair®	ØD	C	HI	H	K	L
6697 63 00	63	M10X1,5	90	127,5	30	73,5

To ensure good stability of the network, we recommend the use of at least 2 clips per pipe.
Use only this clip for fixing Transair® rigid pipe, all other types of clip are to be avoided.

Ø 76 100 168

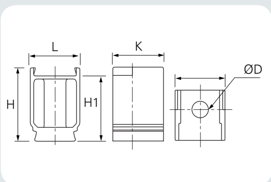


Fixing clip for rigid pipe

Transair®	ØD	C
ER01 L1 00	76	M8 / M10
ER01 L3 00	100	M8 / M10
ER01 L8 00	168	M8 / M10

To ensure good stability of the network, we recommend the use of at least 2 clips per pipe.
Use only this clip for fixing Transair® rigid pipe, all other types of clip are to be avoided.

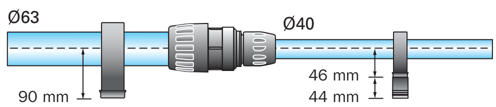
Ø 16,5 ↓ 63

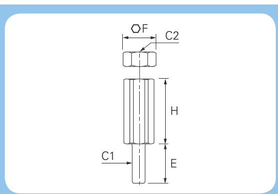


Spacer

Transair®	ØD	H	HI	K	L
6697 00 03	11	49,5	44	34	33

This spacer, in association with a Transair® pipe clip,
allows consistent alignment of pipes when different diameters of pipe are run concurrently in the same line.



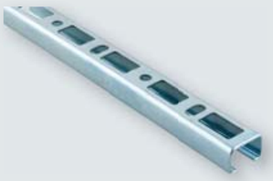
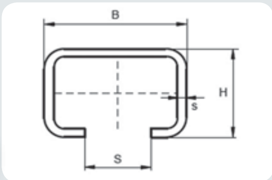


Clip adaptor for threaded rod

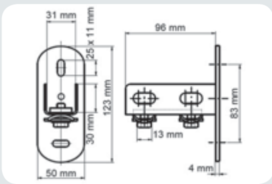
Transair®	C1	C2	E	F	H
6697 00 01	M6X1	M8X1,25	16	13	30
6697 00 02	M6X1	M10X1,5	16	13	30

The use of this adaptor facilitates the suspension of Transair®
from M8 or M10 threaded rod.

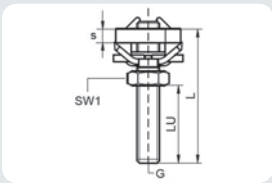
U-Channel

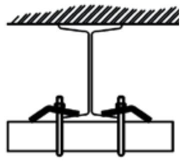
Transair®	L	H	B	kg
6699 01 01	2000	30	30	1,584

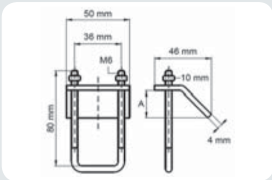



Transair®	L	H	kg
6699 01 02	50	123	0,176

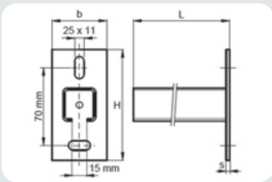



Transair®	L	G	clip ØD	kg
6699 01 03	50	M10	63 - 76 - 100	0,050
6699 01 04	40	M8		0,020
6699 01 05	40	M6	16,5 - 25 - 40	0,010



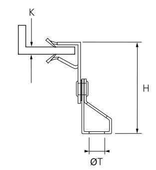
Transair®	L	H	kg
6699 03 02	50	80	0,080

Transair®	L	H	B	kg
6699 01 06	500	110	48	0,400

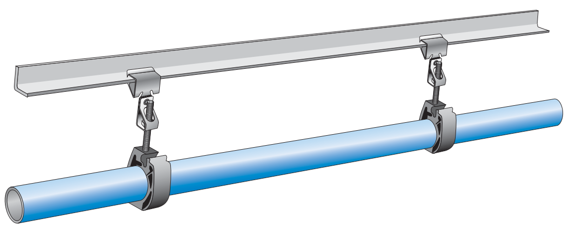
> Fixture accessories

Ø 16,5 ↓ 100

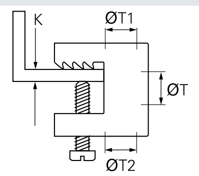


Push-on type beam clamp

Transair®	H	K	ØT	Max carrying load (kg)
6699 02 01	44	1,5 to 3	M6	68
6699 02 02	46	3 to 8	M6	68
6699 02 03	54	8 to 14	M6	68
6699 02 04	66	14 to 20	M6	68
6699 02 05	44	1,5 to 3	M10	68
6699 02 06	46	3 to 8	M10	68

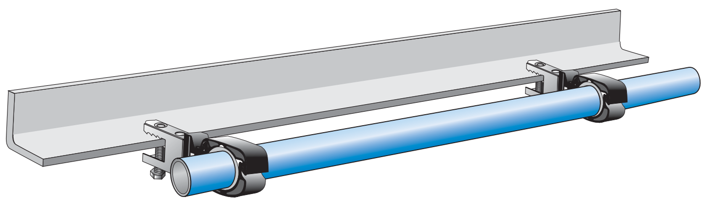


Ø 16,5 25 40



Screw type beam clamp

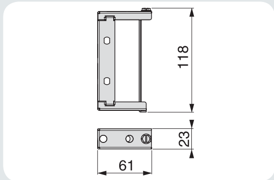
Transair®	ØT2	ØT	ØTI	K	Max carrying load (kg)
6699 03 01	10,7	6,5	10,7	18	45



Ø 63 76 100

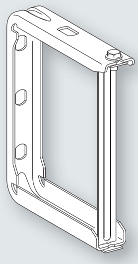
Transair®	For screw
ER99 06 02	M8
ER99 06 03	M10

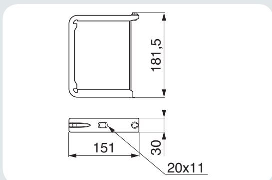
Fixture for CANALIS KN



Transair®	H	K	N
6699 10 01	118	61	23

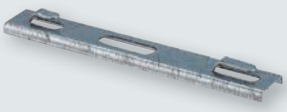
Fixture for CANALIS KS

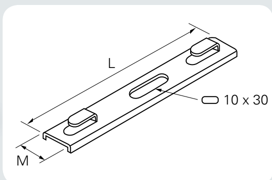




Transair®	H	K	N
6699 10 02	181,5	151	30

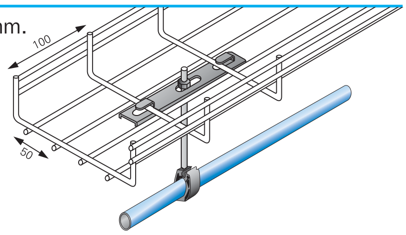
Fixture for cable tray





Transair®	L	M
6699 10 03	140	22

Ø tray metal rod: from 4 to 6 mm.



Threaded rod kit

Transair®	C
ER99 05 01	M6
ER99 05 02	M8
ER99 05 03	M10

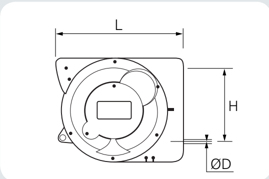
Contains 10 threaded rods 1 metre length, 50 nuts and 10 threaded connectors

> Hose reels – Blow gun

Hose reels
- > Optimize productivity and the safety of your work area
- > Prevent hose damage occurring on the workshop floor
- > Maximum working pressure, dependant on the model :
  - 6698 10 01 : 12 bar
  - 6698 10 02 : 15 bar
  - 6698 11 01 : 20 bar
- > Working temperature : -5°C to +40°C

Blowgun
- > Dusting, cooling and drying components
- > Removing swarf
- > Cleaning machinery
- > Max. working pressure : 12 bar
- > Working temperature : -20°C to +50°C

10 m

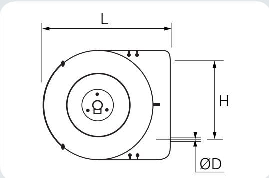



Light series hose reel, 10 m

Transair®	ØD	Hose i.d. (mm)	Max. Pressure(bar)	H	L
6698 10 01	12	8	12	251	300

Enclosed case
Hose clutch with free return
Input connection G1/4 male, output G1/4

16 m

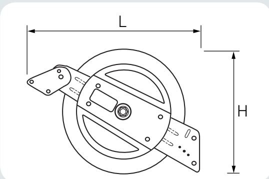



Light series hose reel, 16 m

Transair®	ØD	Hose i.d. (mm)	Max. Pressure(bar)	H	L
6698 10 02	12	8	15	251	390

Enclosed case
Hose clutch with free return
Input connection G1/4 male, output hose only

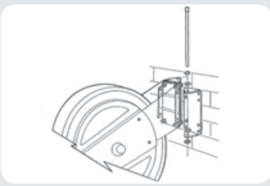
21 m

Heavy duty hose reel, 21 m

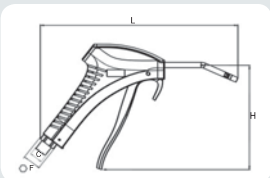
Transair®	ØD	Hose i.d. (mm)	Max. Pressure(bar)	H	L
6698 11 01	13,5	10	20	430	600

Open case with roller guides
Hose outlet with free return
Input connection G1/2 male, output G3/8

Pivoting bracket

Transair®	Used with hose reel
6698 11 98	6698 11 01

Blowgun

Transair®	C	DN	H	L
EA59 00 13	G1/4	3,5	120	223,0

Braided PVC hose

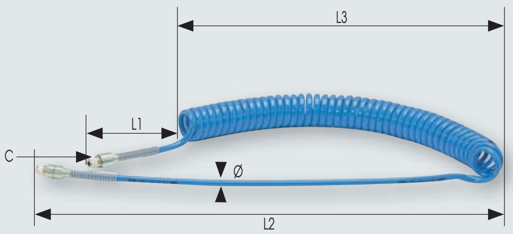
- > Resistant and suitable for direct supply to machinery and hose reels, etc.
- > Fluid : compressed air
- > Max. working pressure at 23°C : 20 bar
- > Working temperature : from -15°C to +60°C

Polyurethane recoil tubing

- > Perfectly suited to installations requiring flexibility in a reduced space.
- > Fluid : compressed air
- > Max. working pressure at 20°C : 10 bar
- > Working temperature: -15°C to +70°C

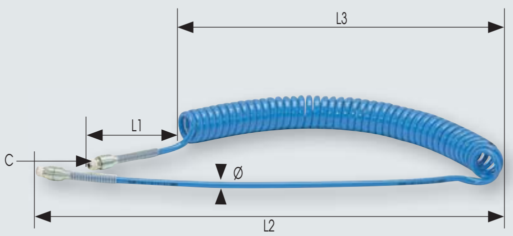
PU recoil tubing - extended length 2 m, 4 m, 6 m

2 m



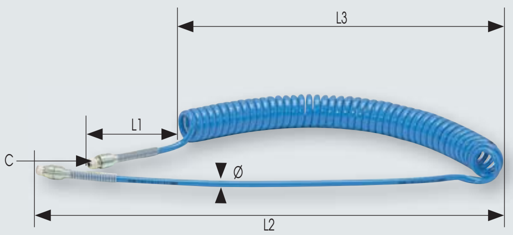
Transair®	Øout.	Øin.	C	L1	L2	L3	Ø
1470U06 04 13TR	6	4	R1/4	100	300	630	32
1470U08 04 13TR	8	5	R1/4	100	500	780	42
1470U10 04 13TR	10	7	R1/4	100	500	780	62
1470U12 04 17TR	12	8	R3/8	100	500	780	65

4 m



Transair®	Øout.	Øin.	C	L1	L2	L3	Ø
1471U06 04 13TR	6	4	R1/4	100	300	850	32
1471U08 04 13TR	8	5	R1/4	100	500	1000	42
1471U10 04 13TR	10	7	R1/4	100	500	1000	62
1471U12 04 17TR	12	8	R3/8	100	500	990	65

6 m



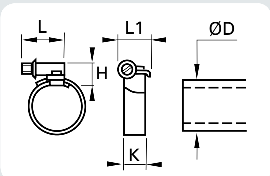
Transair®	Øout.	Øin.	C	L1	L2	L3	Ø
1472U08 04 13TR	8	5	R1/4	100	500	1230	42
1472U10 04 13TR	10	7	R1/4	100	500	1140	62
1472U12 04 17TR	12	8	R3/8	100	500	1190	65

25 m

Braided PVC hose 25 m

Transair®	Øout.	Øin.	Bend radius (mm)
1025V12 04 06TR	12	6	50
1025V14 04 08TR	14	8	65
1025V16 04 10TR	16	10	75
1025V20 04 13TR	20	13	90
1025V24 04 16TR	24	16	125

Clip for braided hose



Transair®	ØD	H	K	L	L1
0697 00 02TR	12-14	12	9	21	13
0697 00 03TR	16	12	9	24	13
0697 00 04TR	20	12	9	24	13
0697 00 05TR	24	12	9	24	13

> Composite automatic safety couplers

> For quick and repetitive connection and disconnection
> 100% safety – ISO 4414 and EN 983 compliant
> Very high flow, extremely low pressure loss
> Lightweight and robust
> Improved hand grip
> Fast vent time
> Male thread with integral seal

> Suitable fluids : compressed air, argon, nitrogen (please consult us for other fluids)
> Max. working temperature : 16 bar
> Working temperature : from -20°C to +60°C

For heavy duty or dusty applications, we recommend the use of the automatic metal couplers (page 42/43)

ISO B 5,5 mm

Safety

Male body, BSP parallel

Transair®	C
CP01 U1 02	G1/4
CP01 U1 03	G3/8
CP01 U1 04	G1/2

Female body, BSP parallel

Transair®	C
CP14 U1 02	G1/4
CP14 U1 03	G3/8
CP14 U1 04	G1/2

Body with hosetail

Transair®	ØD
CP21 U1 06	6
CP21 U1 08	8
CP21 U1 10	10

ISO B 8 mm

Safety

Male body, BSP parallel

Transair®	C
CP01 U2 02	G1/4
CP01 U2 03	G3/8
CP01 U2 04	G1/2

Female body, BSP parallel

Transair®	C
CP14 U2 02	G1/4
CP14 U2 03	G3/8
CP14 U2 04	G1/2

Body with hosetail

Transair®	ØD
CP21 U2 08	8
CP21 U2 10	10
CP21 U2 13	13

EURO 7,2 mm

Safety

Male body, BSP parallel

Transair®	C
CP01 E4 02	G1/4
CP01 E4 03	G3/8
CP01 E4 04	G1/2

Female body, BSP parallel

Transair®	C
CP14 E4 02	G1/4
CP14 E4 03	G3/8
CP14 E4 04	G1/2

Body with hosetail

Transair®	ØD
CP21 E4 08	8
CP21 E4 10	10
CP21 E4 13	13

ARO 5,5 mm

Safety

Male body, BSP parallel

Transair®	C
CP01 A1 02	G1/4
CP01 A1 03	G3/8
CP01 A1 04	G1/2

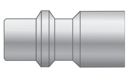
Female body, BSP parallel

Transair®	C
CP14 A1 02	G1/4
CP14 A1 03	G3/8
CP14 A1 04	G1/2

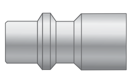
Body with hosetail

Transair®	ØD
CP21 A1 06	6
CP21 A1 08	8
CP21 A1 10	10

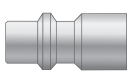
Safety



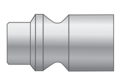
ISO B 5,5 mm
ISO 6150 B
AFNOR NF 49-053
US.MIL.C4109
CEJN 310
RECTUS 23-24



ISO B 8 mm
ISO 6150 B
AFNOR NF 49-053
US.MIL.C4109
CEJN 430
RECTUS 30

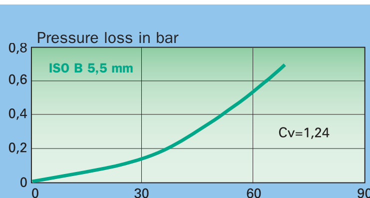


EURO 7,2 mm
CEJN 320
RECTUS 25-26



ARO 5,5 mm
ARO 210
CEJN 300
ORION 44510
PARKER 50
RECTUS 14-22

Flow curve – pressure loss



Flow in Nm³/h
To convert Nm³/h to cfm, use a coefficient of 0.588

Flow in Nm³/h
To convert Nm³/h to cfm, use a coefficient of 0.588

Transair® composite automatic couplers comply with worldwide ISO 4414 and European EN 983 safety standards. Disconnection is by a double twist of the sleeve – a safety feature that breaks deliberately with common practice in order to avoid accidental disconnection.

1st rotation in direction of the arrow : circuit rapidly flushed out, probe side.

2nd rotation in direction of the arrow : safe disconnection of body and probe.

ISO B 5,5 mm

Male probe BSP parallel

Transair®	C
CA87 U1 02	G1/4
CA87 U1 03	G3/8
CA87 U1 04	G1/2

Female probe BSP parallel

Transair®	C
CA86 U1 02	G1/4
CA86 U1 03	G3/8
CA86 U1 04	G1/2

Probe with hosetail

Transair®	ØD
CA94 U1 06	6
CA94 U1 08	8
CA94 U1 10	10

ISO B 8 mm

Male probe BSP parallel

Transair®	C
CA87 U2 02	G1/4
CA87 U2 03	G3/8
CA87 U2 04	G1/2

Female probe BSP parallel

Transair®	C
CA86 U2 02	G1/4
CA86 U2 03	G3/8
CA86 U2 04	G1/2

Probe with hosetail

Transair®	ØD
CA94 U2 08	8
CA94 U2 10	10
CA94 U2 13	13

EURO 7,2 mm

Male probe BSP parallel

Transair®	C
CA87 E4 02	G1/4
CA87 E4 03	G3/8
CA87 E4 04	G1/2

Female probe BSP parallel

Transair®	C
CA86 E4 02	G1/4
CA86 E4 03	G3/8
CA86 E4 04	G1/2

Probe with hosetail

Transair®	ØD
CA94 E4 08	8
CA94 E4 10	10
CA94 E4 13	13

ARO 5,5 mm

Male probe BSP parallel

Transair®	C
CA87 A1 02	G1/4
CA87 A1 03	G3/8
CA87 A1 04	G1/2

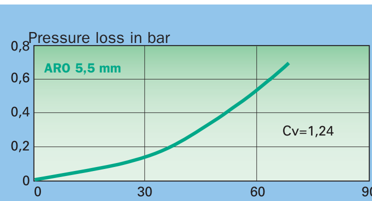
Female probe BSP parallel

Transair®	C
CA86 A1 02	G1/4
CA86 A1 03	G3/8
CA86 A1 04	G1/2

Probe with hosetail

Transair®	ØD
CA94 A1 06	6
CA94 A1 08	8
CA94 A1 10	10

Flow in Nm³/h
To convert Nm³/h to cfm, use a coefficient of 0.588



Flow in Nm³/h
To convert Nm³/h to cfm, use a coefficient of 0.588

> Metal automatic safety couplers

> **Safety and single shut-off versions**
- safety : disconnection in 2 stages.
- single shut-off : when disconnecting the body and the probe cannot be separated as long as the button is depressed, allowing downstream pressure to be manually vented.

> **Suitable fluids :**
- models ISO B 6 and 8 mm safety version : compressed air, vacuum, argon, nitrogen
- models ISO C 6, 8 and 11 mm safety version : compressed air, vacuum, argon, nitrogen
- models ISO C 6 mm single shut-off version : compressed air

> **Vacuum :**
- models ISO B 6 and 8 mm safety version: 98,7% (13 mbar absolute pressure)
- models ISO C 6, 8 and 11 mm safety version : 98,7% (13 mbar absolute pressure)
- models ISO C 6 mm single shut-off version : 98,7% (13 mbar absolute pressure)

ISO B 6 8 mm

Safety

Male body, BSP taper

Transair®	C	DN
9D05 09 13P4	R1/4	5,5
9D05 09 17P4	R3/8	5,5
9D05 09 21P4	R1/2	5,5
9D05 10 13P4	R1/4	8
9D05 10 17P4	R3/8	8
9D05 10 21P4	R1/2	8

Female body, BSP parallel

Transair®	C	DN
9D14 09 13P4	G1/4	5,5
9D14 09 17P4	G3/8	5,5
9D14 09 21P4	G1/2	5,5
9D14 10 13P4	G1/4	8
9D14 10 17P4	G3/8	8
9D14 10 21P4	G1/2	8

Body with hosetail

Transair®	ØD	DN
9D21 09 06P4	6	5,5
9D21 09 08P4	8	5,5
9D21 09 10P4	10	5,5
9D21 10 08P4	8	8
9D21 10 10P4	10	8

ISO C 6 8 11 mm

Safety

Male body, BSP parallel

Transair®	C	DN
9D01 01 13P483	G1/4	5,5
9D01 01 17P483	G3/8	5,5
9D01 01 21P483	G1/2	5,5
9D01 02 13P483	G1/4	8
9D01 02 17P483	G3/8	8
9D01 02 21P483	G1/2	8

Female body, BSP parallel

Transair®	C	DN
9D14 01 13P483	G1/4	5,5
9D14 01 17P483	G3/8	5,5
9D14 01 21P483	G1/2	5,5
9D14 02 13P483	G1/4	8
9D14 02 17P483	G3/8	8
9D14 02 21P483	G1/2	8
9D14 03 17P483	G3/8	11
9D14 03 21P483	G1/2	11

Body with hosetail

Transair®	ØD	DN
9D21 01 06P483	6	5,5
9D21 01 08P483	8	5,5
9D21 01 09P483	9	5,5
9D21 01 13P483	13	5,5
9D21 02 10P483	10	8
9D21 02 13P483	13	8
9D21 03 13P483	13	11
9D21 03 16P483	16	11

ISO C 6 mm

Single shut-off

Male body, BSP parallel

Transair®	C	DN
9D01 01 13P183	G1/4	5,5
9D01 01 17P183	G3/8	5,5
9D01 01 21P183	G1/2	5,5

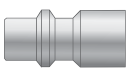
Female body, BSP parallel

Transair®	C	DN
9D14 01 13P183	G1/4	5,5
9D14 01 17P183	G3/8	5,5

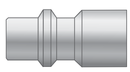
Body with hosetail

Transair®	ØD	DN
9D21 01 10P183	10	5,5

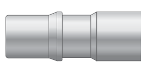
Safety



ISO B 6 mm & 8mm
ISO 6150 B
US.MIL.C4109
CEJN 310-430
RECTUS 23-24-30

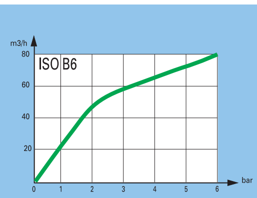


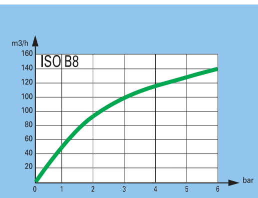
ISO C 6mm, 8mm & 11mm
ISO 6150 C
NF E49-053
CEJN 29-381
RECTUS 18-84

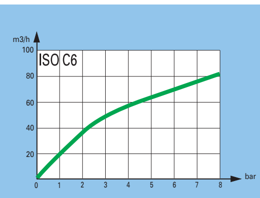


ISO C 6 mm
ISO 6150 C
NF E49-053
CEJN 291
RECTUS 18-84

Safety







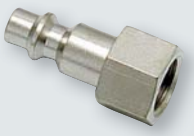
> **Working temperature :**
- **models ISO B 6, 8 mm safety version : from -20°C to +90°C**
- **models ISO C 6, 8 and 11 mm safety version : from -20°C to +60°C**
- **models ISO C 6 mm single shut-off version : from -20°C to +60°C**

> **Max. working pressure :**
- **models ISO B 6 and 8 mm safety version : 16 bar**
- **models ISO C 6, 8 and 11 mm safety version : respectively 12, 10 and 8 bar**
- **models ISO C 6 mm single shut-off version : 10 bar**

ISO B 6 8 mm

Male threaded BSP parallel

Transair®	C	DN
9084 23 13TR	R1/4	5,5
9084 23 17TR	R3/8	5,5
9084 30 13TR	R1/4	8
9084 30 17TR	R3/8	8
9084 30 21TR	R1/2	8



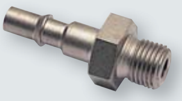
Female probe BSP parallel

Transair®	C	DN
9086 23 13TR	G1/4	5,5
9086 23 17TR	G3/8	5,5
9086 30 13TR	G1/4	8
9086 30 17TR	G3/8	8
9086 30 21TR	G1/2	8

Probe with hosetail

Transair®	ØD	DN
9085 23 06TR	6	5,5
9085 23 08TR	8	5,5
9085 23 10TR	10	5,5
9085 30 08TR	8	8
9085 30 10TR	10	8
9085 30 13TR	13	8

ISO C 6 8 11 mm



Male probe BSP parallel

Transair®	C	DN
9A87 01 10X099	G1/8	5,5
9A87 01 13X099	G1/4	5,5
9A87 01 17X099	G3/8	5,5
9A87 02 13X099	G1/4	8
9A87 02 17X099	G3/8	8
9A87 02 21X099	G1/2	8
9A87 03 17X099	G3/8	11
9A87 03 21X099	G1/2	11

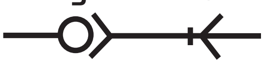
Female probe BSP parallel

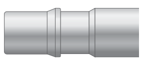
Transair®	C	DN
9A86 01 10X099	G1/8	5,5
9A86 01 13X099	G1/4	5,5
9A86 01 70X099	M14x1,25	5,5
9A86 02 13X099	G1/4	8
9A86 02 17X099	G3/8	8
9A86 02 21X099	G1/2	8
9A86 03 17X099	G3/8	11
9A86 03 21X099	G1/2	11

Probe with hosetail

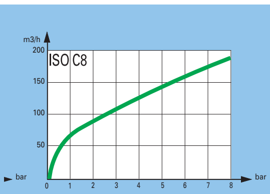
Transair®	ØD	DN
9A94 01 06X099	6	5,5
9A94 01 08X099	8	5,5
9A94 01 10X099	10	5,5
9A94 01 13X099	13	5,5
9A94 02 06X099	6	8
9A94 02 08X099	8	8
9A94 02 10X099	10	8
9A94 02 13X099	13	8
9A94 03 08X099	8	11
9A94 03 13X099	13	11
9A94 03 16X099	16	11

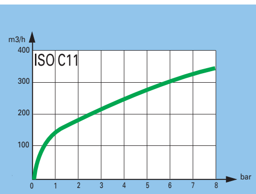
Single shut-off



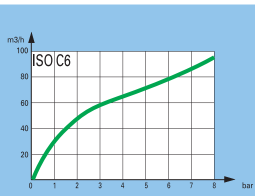


ISO C 6 mm
ISO 6150 C
NF E49-053
CEJN 291
RECTUS 18-84





Single shut-off



> Connection accessories

> Offering many possible configurations in BSP parallel and taper

> For connection to ancillary equipment on wall brackets or assembly brackets

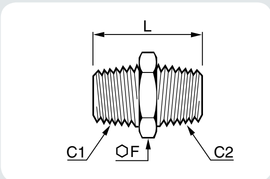
> For compressor outlets, dryers or receivers

> Suitable fluids : compressed air, vacuum, argon, nitrogen (please consult us for other fluids)

> Max. working pressure : 16 bar

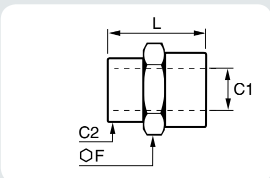
> Vacuum : 98,7% (13 mbar absolute pressure)

> Working temperature : -10°C to +80°C



Straight male BSPT equal/unequal adaptor

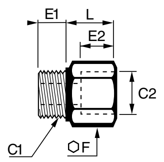
Transair®	C1	C2	F	L
EF00 00 02	R1/4	R1/4	14	27
EF00 02 03	R1/4	R3/8	17	27,5
EF00 00 03	R3/8	R3/8	17	28
EF00 02 04	R1/4	R1/2	22	30,5
EF00 03 04	R3/8	R1/2	22	31
EF00 00 04	R1/2	R1/2	22	33,5
EF00 04 06	R1/2	R3/4	27	37,5
EF00 00 06	R3/4	R3/4	27	40
EF00 06 08	R3/4	R1"	34	43
EF00 00 08	R1"	R1"	34	45,5
EF00 08 10	R1"	R1"1/4	42	40,5
EF00 00 10	R1"1/4	R1"1/4	42	43
EF00 10 12	R1"1/4	R1"1/2	48	44
EF00 10 16	R1"1/4	R2"	60	49
EF00 00 12	R1"1/2	R1"1/2	48	44
EF00 12 16	R1"1/2	R2"	60	49
EF00 12 20	R1"1/2	R2"1/2	75	52,5
EF00 00 16	R2"	R2"	60	52
EF00 16 20	R2"	R2''1/2	75	54,5
EF00 00 20	R2"1/2	R2"1/2	75	58



Straight female BSPP equal/unequal adaptor

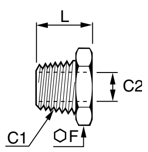
Transair®	C1	C2	F	L
EF02 01 02	G1/8	G1/4	17	19,5
EF02 00 02	G1/4	G1/4	17	22
EF02 01 03	G1/8	G3/8	22	20
EF02 02 03	G1/4	G3/8	22	23
EF02 00 03	G3/8	G3/8	22	24
EF02 02 04	G1/4	G1/2	27	27
EF02 03 04	G3/8	G1/2	27	27,5
EF02 00 04	G1/2	G1/2	27	30
EF02 04 06	G1/2	G3/4	30	30
EF02 00 06	G3/4	G3/4	30	32

Increaser male BSPT to female BSPP



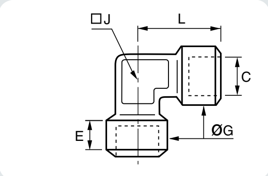
Transair®	C1	C2	E1	E2	F	L
EF06 01 02	R1/8	G1/4	6	11,5	17	14
EF06 01 03	R1/8	G3/8	6	11,5	22	14,5
EF06 00 02	R1/4	G1/4	8	11,5	17	14
EF06 02 03	R1/4	G3/8	8	11,5	22	14,5
EF06 02 04	R1/4	G1/2	8	15	27	18
EF06 00 03	R3/8	G3/8	9	11,5	22	14,5
EF06 03 04	R3/8	G1/2	9	15	27	18
EF06 00 04	R1/2	G1/2	10	15	27	18
EF06 04 06	R1/2	G3/4	11,5	10,5	29	24
EF06 04 08	R1/2	G1"	11,5	12	36	26,5
EF06 00 06	R3/4	G3/4	13	10,5	29	25,5
EF06 06 08	R3/4	G1"	13	12,5	36	28
EF06 00 08	R1"	G1"	15	12,5	36	30
EF06 08 10	R1"	G1"1/4	15	14	45	32
EF06 00 10	R1"1/4	G1"1/4	17,5	14	45	34,5
EF06 10 12	R1"1/4	G1"1/2	17,5	15	52	35,5
EF06 10 16	R1"1/4	G2"	17,5	16	64	36,5
EF06 00 12	R1"1/2	G1"1/2	17,5	15	52	35,5
EF06 12 16	R1"1/2	G2"	17,5	16	64	36,5
EF06 12 20	R1"1/2	G2"1/2	17,5	19	80	39,5
EF06 00 16	R2"	G2"	20,5	16	64	39,5
EF06 16 20	R2"	G2"1/2	20,5	19	80	42,5
EF06 00 20	R2"1/2	G2"1/2	23	19	80	45

Reducer male BSPT to female BSPP



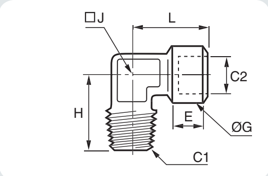
Transair®	C1	C2	F	L
EF04 01 02	R1/4	G1/8	14	16
EF04 01 03	R3/8	G1/8	17	16,5
EF04 02 03	R3/8	G1/4	17	16,5
EF04 02 04	R1/2	G1/4	22	19,5
EF04 03 04	R1/2	G3/8	22	19,5
EF04 03 06	R3/4	G3/8	27	23,5
EF04 04 06	R3/4	G1/2	27	23,5

Equal female elbow BSPP

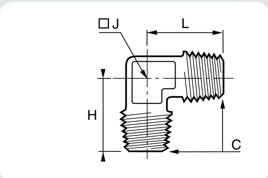
Transair®	C	E	G	J	L
EF12 00 02	G1/4	11	17	13	25,5
EF12 00 03	G3/8	11,5	21	17	28
EF12 00 04	G1/2	14	26	21	33,5
EF12 00 06	G3/4	15	31	27	36,5

Equal female stud elbow BSPP, male BSPT

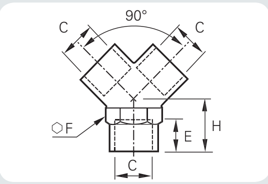
Transair®	C1	C2	E	G	H	J	L
EF13 00 02	R1/4	G1/4	11	17	23,5	13	25,5
EF13 00 03	R3/8	G3/8	11,5	21	26	17	28
EF13 00 04	R1/2	G1/2	14	26	31	21	33,5
EF13 00 06	R3/4	G3/4	15	31	35	27	36,5

Equal male stud elbow BSPT

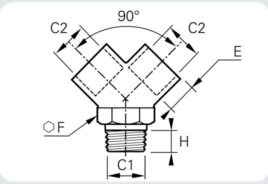
Transair®	C	H	J	L
EF14 00 02	R1/4	23,5	13	23,5
EF14 00 03	R3/8	26	17	26
EF14 00 04	R1/2	31	21	31
EF14 00 06	R3/4	35	27	35

Equal Y female BSPP

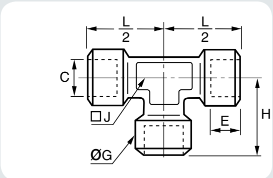
Transair®	C	E	F	H
EF10 00 02	G1/4	11	17	14
EF10 00 03	G3/8	11,5	20	16
EF10 00 04	G1/2	14	25	19

Equal Y female BSPP, male BSPT

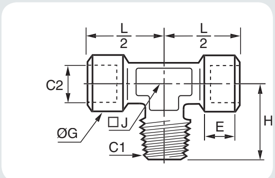
Transair®	C1	C2	E	F	H
EF11 00 04	R1/2	G1/2	14	25	19

Equal female tee BSPP



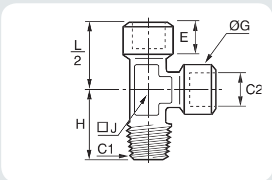
Transair®	C	E	G	H	J	L/2
EF15 00 02	G1/4	11	17	25,5	13	25,5
EF15 00 03	G3/8	11,5	21	28	17	28
EF15 00 04	G1/2	14	26	33,5	21	33,5
EF15 00 06	G3/4	15	31	36,5	27	36,5

Male stud branch tee, female BSPP, male BSPT



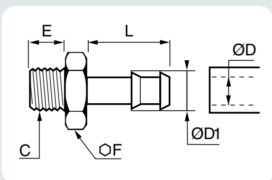
Transair®	C1	C2	E	G	H	J	L/2
EF16 00 02	R1/4	G1/4	17	17	23,5	13	25,5
EF16 00 03	R3/8	G3/8	11,5	21	26	17	28
EF16 00 04	R1/2	G1/2	14	26	31	21	33,5
EF16 00 06	R3/4	G3/4	15	31	35	27	36,5

Male stud run tee, female BSPP, male BSPT



Transair®	C1	C2	E	G	H	J	L/2
EF17 00 02	R1/4	G1/4	11	17	23,5	13	25,5
EF17 00 03	R3/8	G3/8	11,5	21	26	17	28
EF17 00 04	R1/2	G1/2	14	26	31	21	33,5
EF17 00 06	R3/4	G3/4	15	31	36,5	27	36,5

Tailpiece adaptor for PVC hose male BSPP



Transair®	ØD	ØDI	C	E	F	L
EF26 06 01	6	7	G1/8	6	12	20
EF26 06 02	6	7	G1/4	8	17	21
EF26 08 02	8	9	G1/4	8	17	21
EF26 08 03	8	9	G3/8	9	19	21
EF26 10 02	10	12	G1/4	8	14	20
EF26 10 03	10	12	G3/8	9	19	20
EF26 10 04	10	12	G1/2	10	22	20
EF26 13 02	13	15	G1/4	8	17	21
EF26 13 03	13	15	G3/8	9	19	22
EF26 13 04	13	15	G1/2	10	24	25
EF26 16 03	16	18	G3/8	9	19	21
EF26 16 04	16	18	G1/2	10	24	25

Supplied with captive sealing washer.
Ideally suited for use with Transair® PVC hose.

> FRLs, automatic drains and accessories

Transair® FRLs are ideal for general purpose use and can be fitted downstream of the compressed air installation and at the take-off point on workstations and machines.

- **> Air quality at FRL inlet : dry, damp, lubricated**
- **> Transair® FRL products are guaranteed silicone free**
- **> Chemical resistance to compressor oils**
  To convert Nm3/h to cfm use a coefficient of 0.588

Filter regulator

Transair®	C	Recommended flow	Bowl capacity	Max. inlet pressure	Max. outlet pressure	T°C at 10 bar	Filtration	Associated gauge
6700 00 13	G1/4	33m³/h	22cm³	16 bar	8 bar	0°C to +50°C	30 µm	6798 00 05
6700 00 21	G1/2	114m³/h	50cm³	16 bar	8 bar	0°C to +50°C	30 µm	6798 00 06

Semi-automatic condensate drainage

Pressure regulator

Transair®	C	Recommended flow	Max. inlet pressure	Max. outlet pressure	Temperature	Associated gauge
6701 00 13	G1/4	33m³/h	16 bar	8 bar	0°C to +60°C	6798 00 05
6701 00 21	G1/2	114m³/h	16 bar	8 bar	0°C to +60°C	6798 00 06

Filter regulator lubricator set

Transair®	C	Recommended flow	Bowl capacity	Max. inlet pressure	Max. outlet pressure	T°C at 10 bar	Filtration	Associated gauge
6707 00 13	G1/4	33m³/h	22cm³	16 bar	8 bar	0°C to +50°C	30 µm	6798 00 05
6707 00 21	G1/2	114m³/h	50cm³	16 bar	8 bar	0°C to +50°C	30 µm	6798 00 06

Semi-automatic condensate drainage

All these products can be easily connected to Transair® compressed air pipework systems using the following Transair® stud fittings :

-6605 17 13 for G1/4 port
-6605 17 21 or 6605 25 21 for G1/2 port

Filter regulator and lubricator with gauge

Transair®	C	Recommended flow	Bowl capacity	Max. inlet pressure	Max. outlet pressure	T°C at 10 bar	Filtration
6708 00 13	G1/4	33m³/h	22cm³	16 bar	8 bar	0°C to +50°C	30 µm
6708 00 21	G1/2	114m³/h	50cm³	16 bar	8 bar	0°C to +50°C	30 µm

Semi-automatic condensate drainage

Filter separator

Transair®	C	Recommended flow	Bowl capacity	Max. inlet pressure	Max. outlet pressure	T°C at 10 bar	Filtration
6702 00 13	G1/4	33m³/h	22cm³	16 bar	8 bar	0°C to +50°C	30 µm
6702 00 21	G1/2	114m³/h	50cm³	16 bar	8 bar	0°C to +50°C	30 µm

Semi-automatic condensate drainage

Oil mist lubricator

Transair®	C	Max. inlet pressure	Max. outlet pressure	T°C at 10 bar	Oil capacity
6703 00 13	G1/4	16 bar	8 bar	0°C to +50°C	45cm³
6703 00 21	G1/2	16 bar	8 bar	0°C to +50°C	112cm³

Oil mist lubricator
Semi-automatic condensate drainage

Automatic drain

Transair®	C
6706 00 21	G1/2

Automatic condensate drain with float

3/2 in-line vent valve

Transair®	C	Recommended flow	Min. pressure	Max. pressure
6704 00 13	G1/4	33m³/h	0 bar	16 bar
6704 00 21	G1/2	114m³/h	0 bar	16 bar

Downstream circuit drains when valve is closed.
Supplied without padlock.

Front and rear port connector block

Transair®	C
6705 00 13	G1/4
6705 00 21	G1/2

To be used when assembling 2 elements front and rear entry G1/8 and G1/4.
Can also be used when oil-free air is required – install prior to lubricator

Pressure gauge

Transair®	C	Face Ø mm	Associated FRL
6798 00 05	G1/8	40	6700 00 13 - 6701 00 13 - 6707 00 13
6798 00 06	G1/4	50	6700 00 21 - 6701 00 21 - 6707 00 21

To be mounted on the front face of filter regulator 6700, regulator 6701 and filter regulator lubricator set 6707.

Protection bowl

Transair®	C
6798 00 07	G1/4
6798 00 08	G1/2

To be used with filter regulator, filter separator and filter regulator lubricator set.
Equipped with snap mounting.

Mounting brackets

Transair®	C
6798 00 01	G1/4
6798 00 02	G1/2

For wall or machine fixing.
Screws supplied
Wall fixing-to-centre : 46 mm (compatible with Transair® fixing clips).

Assembly kit

Transair®	C
6798 00 03	G1/4
6798 00 04	G1/2

To join separate FRL units.

EASIER

HANDLING

Pipes and fittings are supplied ready for immediate installation
> NO PREPARATION REQUIRED

Quick assembly - no need to weld, glue or crimp
> TIME SAVING

Easy to assemble
> NO IN-DEPTH TRAINING REQUIRED

HIGH
RESISTANCE
TO

> corrosion

> aggressive environments

> mechanical shocks

> thermal variations

> U.V.

> compressor oil carry over

COMPLETELY
ADAPTABLE

> Dismountable and reusable components