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Transair: Advanced Pipe Networks for Industrial Fluids

New products to assist the installation of a Transair system: compressed air, vacuum and neutral gases



ENGINEERING YOUR SUCCESS.

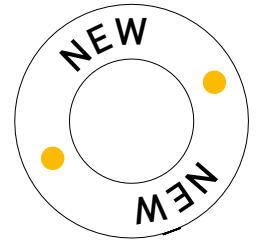
New Products to Assist Installation

Simplify installations and save time !

> The Transair system has an excellent reputation for its speed of installation, its flexibility in use, its robustness and its high flow performance. Constantly aware of customer needs, the Transair product development programme continues to meet the requirements of both installers and end users.

This new range of Transair components is designed to:

- simplify the installation process
- optimise the installation time
- increase the speed of connection
- optimise flow performance
- reduce space of connection



New Product Ranges to Extend the Transair Offer

- **Wall brackets:**

A new design of wall brackets, offers a wide choice of designs to suit individual system requirements.

- **Wall brackets with ball valve:**

New wall brackets with pre-assembled ball valve make it easier to install a drop.

- **Threaded elbows:**

A range of threaded elbows replacing the need to assemble three separate components, saving time. These new threaded elbows make it easier to connect a Transair network to machines, even in a very tight space.



- **63mm 45° elbow:**

Designed to reduce pressure loss when changing direction.

- **Quick assembly brackets with integral ball valve:**

A "ready to use" quick assembly bracket to save time and hassle.

- **Manifolds:**

New manifolds provide more outlets and additional fixing points. These manifolds enable several machines to be connected to one single assembly.



New Range of Wall Brackets

- > The range of Transair wall brackets is now wider in order to meet the **specific requirements of each installation:**
- 1, 2 or 3 outlets, according to the number of connections required.
 - Outlet angled horizontally or vertically according to user preference
 - Compact solution with integrated ball valve for rapid installation and improved reliability

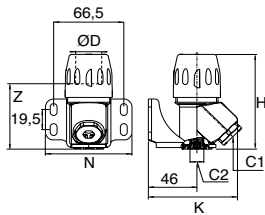
Transair now provides the widest range of wall brackets:

- Supplied **ready for use**. Quick and easy to install. Robust design.
- Compatible with Transair range accessories (same wall distance as FRLs)
- Designed for **optimal flow performance**

Simple Wall Brackets

6639

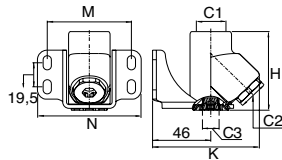
1 port 45° wall bracket - BSP parallel



ØD	Transair®	C1	C2	H	Z	K	N	kg
16,5	6639 17 21	G1/2	G1/4	89,5	63,5	84,5	82,0	0,528
25	6639 25 21	G1/2	G1/4	92,5	63,5	84,5	82,0	0,525

6641

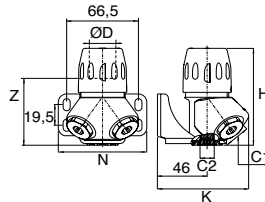
1 port 45° threaded wall bracket - BSP parallel



C1	Transair®	C2	C3	H	K	M	N	kg
G1/2	6641 21 21	G1/2	G1/4	64,0	84,5	66,5	82,0	0,480

6682

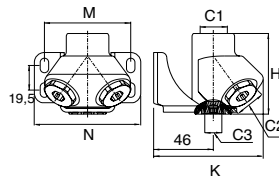
2 port 45° wall bracket - BSP parallel



ØD	Transair®	C1	C2	H	Z	K	N	kg
16,5	6682 17 21	G1/2	G1/4	89,5	63,5	84,5	82,0	0,669
25	6682 25 21	G1/2	G1/4	92,5	63,5	84,5	82,0	0,677

6690

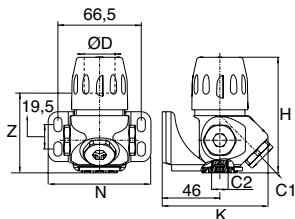
2 port 45° threaded wall bracket - BSP parallel



C1	Transair®	C2	C3	H	K	M	N	kg
G1/2	6690 21 21	G1/2	G1/4	64,0	84,5	66,5	82,0	0,632

6695

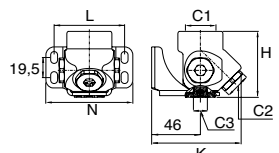
3 port wall bracket - BSP parallel



ØD	Transair®	C1	C2	H	Z	K	N	kg
25	6695 25 21	G1/2	G1/4	92,5	63,5	84,5	82,0	0,720

6635

3 port threaded wall bracket - BSP parallel



C1	Transair®	C2	C3	H	Z	K	N	kg
G3/4	6635 27 21	G1/2	G1/4	64,0	84,5	66,5	82,0	0,675

Wall Brackets with Coupler

6677 1 port 45° wall bracket with coupler - BSP parallel



ØD	Transair®	Profil	mm	kg
16,5	6677 17 A1	ARO	5,5	0,661
16,5	6677 17 E4	EURO	7,2	0,664
16,5	6677 17 U1	ISO B	6	0,643
16,5	6677 17 U2	ISO B	8	0,668
25	6677 25 A1	ARO	5,5	0,658
25	6677 25 E4	EURO	7,2	0,661
25	6677 25 U1	ISO B	6	0,640
25	6677 25 U2	ISO B	8	0,665

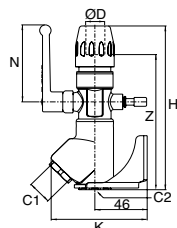
6692 2 port 45° wall bracket with coupler - BSP parallel



ØD	Transair®	Profil	mm	kg
16,5	6692 17 A1	ARO	5,5	0,802
16,5	6692 17 E4	EURO	7,2	0,805
16,5	6692 17 U1	ISO B	6	0,784
16,5	6692 17 U2	ISO B	8	0,809
25	6692 25 A1	ARO	5,5	0,943
25	6692 25 E4	EURO	7,2	0,949
25	6692 25 U1	ISO B	6	0,907
25	6692 25 U2	ISO B	8	0,957

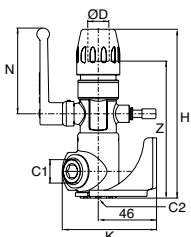
Wall Brackets with Ball Valve

6678 1 port 45° wall bracket with ball valve - BSP parallel



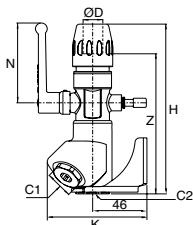
ØD	Transair®	C1	C2	H	Z	K	N	kg
16,5	6678 17 21	G1/2	G1/4	148,5	123,0	84,5	69,5	0,869
25	6678 25 21	G1/2	G1/4	173,0	142,0	84,5	108,5	1,530

6672 2 port 90° wall bracket with ball valve - BSP parallel



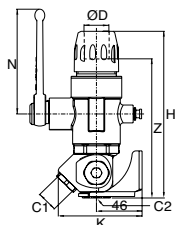
ØD	Transair®	C1	C2	H	Z	K	N	kg
16,5	6672 17 21	G1/2	G1/4	137,0	111,5	74,5	69,5	0,798
25	6672 25 21	G1/2	G1/4	163,0	132,0	74,5	108,5	1,458

6693 2 port 45° wall bracket with ball valve - BSP parallel



ØD	Transair®	C1	C2	H	Z	K	N	kg
16,5	6693 17 21	G1/2	G1/4	148,5	123,0	84,5	69,5	1,011
25	6693 25 21	G1/2	G1/4	173,0	142,0	84,5	108,5	1,675

6637 3 port wall bracket with ball valve - BSP parallel



ØD	Transair®	C1	C2	H	Z	K	N	kg
25	6637 25 21	G1/2	G1/4	173,0	142,0	84,5	108,5	1,734

New Range of Threaded Elbows

> **Transair threads** are well recognized for their robustness and reliability, enabling connection to an existing network and many types of machinery.

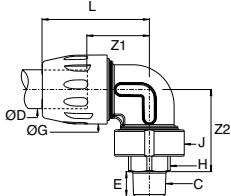
Transair threaded elbows save time during installation and replace the need for three separate components saving space in restricted work areas.

• The wide range of Transair threaded elbows meets the requirements of each installation:

- **Several thread sizes** are available for each pipe diameter
- 90° and 45° elbows reduce pressure drops
- A compact solution allowing connection in reduced spaces
- **Orientable sub-base** allowing final positioning after installation
- Brass sub-base ensuring a **rigid and reliable connection**

6609

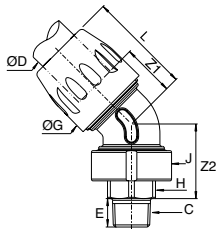
Male stud 90° elbow - BSP taper



ØD	C	Transair®	E	H	ØG	ØJ	L	Z1	Z2	kg
16,5	R1/4	6609 17 13	9,5	17	34,0	34,0	58,0	31,0	41,2	0,104
16,5	R1/2	6609 17 21	15,0	23	34,0	34,0	58,0	31,0	46,5	0,133
25	R1/2	6609 25 21	15,0	27	44,5	45,5	69,5	40,5	53,0	0,223
25	R3/4	6609 25 27	15,0	27	44,5	45,5	69,5	40,5	53,0	0,238
25	R1"	6609 25 34	16,0	36	44,5	45,5	69,5	40,5	55,0	0,295
40	R1"	6609 40 34	16,0	41	67,0	68,5	107,0	62,0	75,0	0,646
40	R1"1/4	6609 40 42	21,5	50	67,0	68,5	107,0	62,0	81,0	0,792
40	R1"1/2	6609 40 49	24,5	50	67,0	68,5	107,0	62,0	81,0	0,754
40	R2"	6609 40 48	23,0	60	67,0	68,5	107,0	62,0	81,0	0,869
63	R2"	6609 63 48	26,9	70	91,0	91,0	124,0	61,0	105,2	1,452
63	R2"1/2	6609 63 47	30,2	80	91,0	91,0	124,0	61,0	106,2	1,831

6619

Male stud 45° elbow - BSP taper



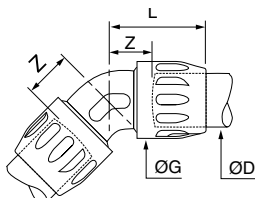
ØD	C	Transair®	E	H	ØG	ØJ	L	Z1	Z2	kg
25	R1/2	6619 25 21	15,0	27	44,5	45,5	61,5	32,5	42,0	0,217
25	R3/4	6619 25 27	15,0	27	44,5	45,5	61,5	32,5	42,0	0,228
25	R1"	6619 25 34	16,0	36	44,5	45,5	61,5	32,5	44,0	0,285
40	R1"	6619 40 34	16,0	41	67,0	68,5	94,0	45,0	58,5	0,609
40	R1"1/4	6619 40 42	21,5	50	67,0	68,5	94,0	45,0	64,0	0,754
40	R1"1/2	6619 40 49	24,5	50	67,0	68,5	94,0	45,0	64,0	0,717
40	R2"	6619 40 48	23,0	60	67,0	68,5	94,0	45,0	64,0	0,832
63	R2"	6619 63 48	26,9	70	91,0	91,0	100,0	37,0	81,0	1,452
63	R2"1/2	6619 63 47	30,2	80	91,0	91,0	100,0	37,0	82,0	1,831

New 63mm 45° Elbow

> 45° elbows are increasingly used to reduce pressure drops when changing level or when creating a bypass. Transair now offers a 63mm version in cast aluminium, with the same robust design as the 90° version.

6612

45° elbow



ØD	Transair®	ØG	L	Z	kg
63	6612 63 00	91,0	100,0	37,0	0,920

Quick Assembly Brackets with Pre-Assembled Ball Valve

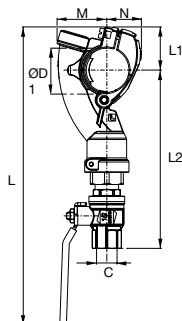
> Transair brought innovation by inventing the quick assembly bracket with an integrated swan neck. This has now become the reference for modern evolutionary compressed air networks. Transair quick assembly brackets have evolved with several designs: instant connection, threaded or coupler, straight through or without retention of water. Taper threaded quick assembly brackets, used for connection points, are also available with an integral ball valve.

Pre-assembled ball valves offer several benefits:

- Ready for use and immediate pressurization
- Pre-positioned to suit the direction of the bracket
- Reliable sealing ; no need for separate checks

6669

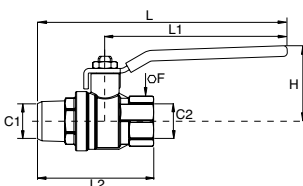
Quick assembly bracket with pre-assembled ball valve - BSP parallel



ØD1	C	Transair®	L	L1	L2	M	N	kg
25	G1/2	6669 25 21	256	32,0	155	40,0	23,0	0,430
40	G1/2	6669 40 21	270	39,0	162	45,0	31,0	0,450
40	G3/4	6669 40 27	302	39,0	174	45,0	31,0	0,620
63	G1/2	6669 63 21	275	63,0	142	60,0	48,0	0,670
63	G3/4	6669 63 27	297	63,0	146	60,0	48,0	0,780

VR04

Male-Female ball valve - male BSP taper



C1	C2	Transair®	DN	P _{max} (bar)	F	H	L	L1	L2	kg
R1/2	G1/2	VR04 00 04	15,0	40	25	43,0	140,5	100	70,0	0,230
R3/4	G3/4	VR04 00 06	20,0	40	31	50,0	164,5	120	76,5	0,360
R1"	G1"	VR04 00 08	25	40	40	54	172	120	92,5	0,623
R1"1/4	G1"1/4	VR04 00 10	32	40	49	73	217,5	158	106	0,965
R1"1/2	G1"1/2	VR04 00 12	40	40	54	79	220	158	113	1,213
R2"	G2"	VR04 00 16	50	40	68,5	86	230,5	158	133	1,983
R2"1/2	G2"1/2	VR04 00 20	65	30	85	132	357,5	255	180,5	3,600

New Range of Manifolds

> Transair manifolds are robust and reliable, simplifying the installation of a network:

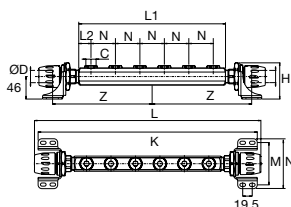
- on a secondary system, to supply several machines
- on a drop, in order to reduce the number of wall brackets
- on a machine, to create a rigid supply point

The use of manifolds on a compressed air network brings several advantages:

- They are easier and quicker to install than 6 quick assembly brackets or 3 wall brackets
- Orientable outlets, even when installed
- Fixing plates with strong resistance to traction

6652

6 port manifold - BSP parallel

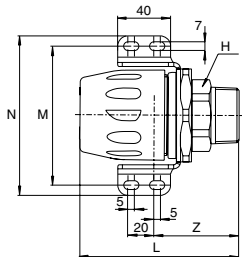


ØD	C	Transair®	L	L1	L2	K	N	Z	H	M	kg
25	G1/2	6652 25 21 06	463	300	25	448	50	204	74	86,5	0,230
40	G1/2	6652 40 21 06	526	310	25	469	50	217	83	104,5	0,360

New stud fitting with fixing plate

6615

Male stud fitting with fixing plate - BSP Taper

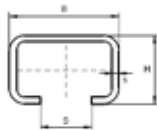


ØD	C	Transair®	H	L	K	M	N	Z	kg
40	G1"1/4	6615 40 42	50	121	84	105	120	75	0,985
40	G1"1/2	6615 40 49	50	121	84	105	120	75	1,098

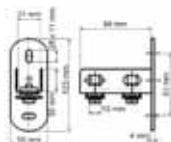
New U-channel system

6699

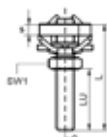
U-Channel



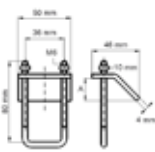
Transair®	L	H	B	kg
6699 01 01	2000	30	30	1,584



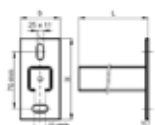
Transair®	L	H	kg
6699 01 02	50	123	0,176



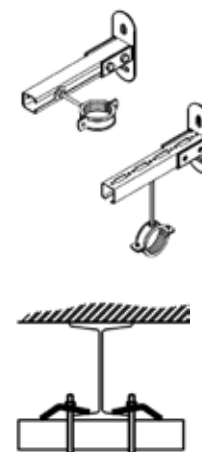
Transair®	L	G	clip ØD	kg
6699 01 03	50	M10	63 - 76 - 100	0,050
6699 01 04	40	M8		0,020
6699 01 05	40	M6	16,5 - 25 - 40	0,010



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



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



Instructions for Use

> Like all Transair products, these new products are for use exclusively **with Transair rigid aluminium calibrated pipe**, available in 3 colours : blue, grey and green (QUALICOAT certified surface finish).

• **Threaded elbows:**

- 16,5, 25 and 40mm diameter threaded elbows can be orientated manually during installation, prior to pressurization.
- 63mm diameter threaded elbows cannot be repositioned after assembly since the orientation is secured when tightening the thread.
- Use a spanner to tighten the connector (do not rotate the aluminium pipe).
- The body of the aluminium elbow must be fully screwed into position.
- The mark on the sub-base should be in-line with the mark on the body (white arrow).

• **Wall brackets with pre-assembled ball valve:**

- The ball valve can be orientated, unlike the wall bracket when the network is not pressurized.
- Position the fixing clip on the tube just above the ball valve in order to avoid tube deformation due to impact from the ball valve handle.

• **Manifolds with fixing plates:**

- The manifold can be orientated in order to position the outlets in the required direction.