

We love compressed air.

The compressed air turbo.
For trades, commerce and small
industry.

Creating power: Dynamism becomes drive.



More power to take on the future.

On an economic level, it's the dynamism of the many small players that ultimately makes the difference: the way they operate, innovate, and create new opportunities for everyone.

Compressed air from AIRKO isn't just a reliable and economical source of power, but an effective way to power successful projects, services and creative works for tradespeople and artisans.

AIRKO does with air what tuning does to a car.**AIRKO is the expert in high-performance compressed air. That's more than just a promise.**

It's the basis of a whole product range of a unique scope and quality: powerful compressors, professional-quality pneumatic tools, servicing and maintenance equipment, and an unrivalled range of accessories. And last but not least, excellent customer service from knowledgeable and dedicated people.

Austrian at heart: 100% Austrian-made piston compressors.

AIRKO makes its own piston compressors because we want to make the best. We employ the best people, components and materials the industry has to offer. The result is not only outstanding quality, but a sense of continuity and connectedness.

Powering ahead: AIRKO compressed air mobilises businesses.

- Just one basic unit (compressor) serves as a reliable and economical power source for many tools
- Tools are lighter, more stable and almost zero-maintenance and can be steplessly controlled and operated to full capacity until they reach a standstill
- For many applications, compressed air is the only simple and rational method available (e.g. spray-painting, sand-blasting and tyre filling)

The outside reflects what's inside: quality you can see, feel and use.

AIRKO stands for high-quality power, and that's what you'll find in our machines and tools.

Our piston compressors feature compact new Power Design, a hallmark of their resilient professional quality.

With AIRKO, innovation is a systematic and steady path of continuous improvement.

Practice is the best school: everything is getting more creative, more practical, more customer-oriented, more valuable ecologically, and thus more economical. Therefore, AIRKO cooperates only with trained and qualified trading partners.

When power is what counts, you need to rely on the experts.

Innovation from tradition. Competence from passion. Strength from convictions.

Versatility is the secret of readiness for the future.

Powerful piston compressors will play an essential future role in trades, commerce and industry. They embody the very values that are so important to business: flexibility, reliability, the right format, and tailored costs.

But an AIRKO piston compressor isn't just technically superior, it is also the heart of a complete system designed for optimum networking, maximum utility and value retention.

AIRKO premium warranty.

In-house customer service and up to 36 months' warranty – the kind of offer that's only available from a premium brand with absolute confidence in its quality.

Made in Austria.

We offer Austrian service when advising customers, in production, in technical support, in customer service and in our short response times.

Guaranteed parts availability.

Long-term use of compressor and guaranteed availability of spare parts for either 10 or 15 years. All spare parts are of original AIRKO quality.

Performance at low speed.

Quality electric motors with power reserves for smooth, continuous operation to a professional standard.

Pressure control.

Complete outfit as standard: Condor pressure switch, high-quality (filter) pressure controller, safety valve, motor protection. AIRKO quick-release coupling.

Optimum cooling.

Large, heavy cast-iron fan which also serves as a mass balance to ensure even wear on the bearings. New design. Cooling fins on cylinder and pressure lines.

Quality through and through.

- Wear-resistant special piston with special rings for low oil consumption (Primus series).
- High-quality steel valve plate. Low flow losses mean high efficiency. Stroke limitation guarantees long service life.
- Cylinder made of high-quality shell-moulded casting. Honed in two stages. Almost unlimited service life.
- Special pressure lines with fins on surface for optimum heat dissipation. The result: cooler compressed air, more power and less wear.

Your new piston compressor.

To ensure user satisfaction, a piston compressor needs to be powerful, durable, simple, safe and elegant in design. AIRKO invests its considerable experience and ability in creating products and services that ensure these very qualities.

- We only supply components and systems of carefully selected quality.
- All our products are manufactured in Austria to high quality standards by trained and experienced professionals who take a pride in what they do.
- We work with expert partners in sales, technology and service.

We make precision parts designed to last using precisely defined production processes. Machine-based production takes place on automated computer-controlled equipment developed by or with the assistance of AIRKO. Only this equipment can achieve and maintain our quality standards.

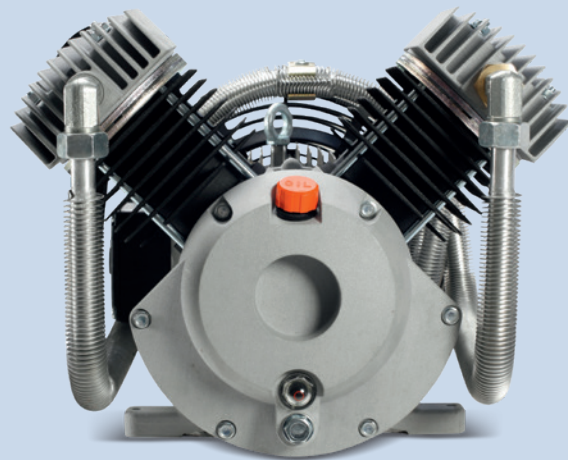
Humans and machines complement each other perfectly – when you know how to use them properly.

AIRKO nurtures an ethos of artisanship, focused firmly on the customer and the customer's requirements, and we continually develop our own technical knowledge and strengths.

In an evolving market with changing relationships between theory and practice, we are constantly learning. This gives us the edge, spurs our innovation, and secures jobs.

"Expressions like 'craftsman's skills' or 'craftsmanship' may evoke a way of life that disappeared with the advent of industrial society. But this would be wrong. They reflect an ever-present human desire: the desire to do a job well for its own sake."

[Richard Sennett, Berlin 2008]



You can't test quality into a product. At AIRKO, our quality is built in and then communicated to the end user by our expert dealers.

There is a close partnership between the people working in research and development, design, production planning, production and dealer qualification to ensure that the customer gets added value.

Your AIRKO piston compressor: quality down to the last detail and components that work together perfectly. Consistently high design standards.

AIRKO Power Design isn't a superficial facelift but an in-depth analysis of what built-in qualities a piston compressor needs in order to lead the market.

About AIRKO:

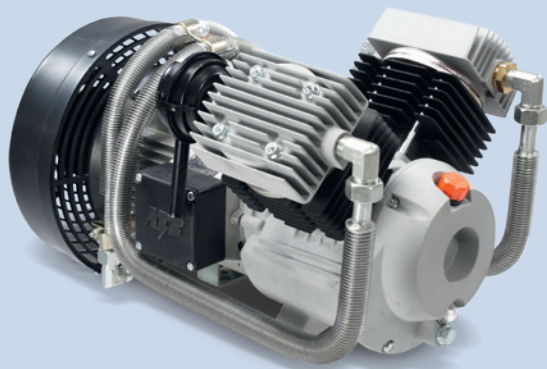
Key concepts. Key facts. Decision-making tools.

What do you really need? What do you need to consider? What is the most sustainable choice? What will give you guaranteed satisfaction?

Investing in compressed air is in itself a step in the right direction. There are so many advantages to this technology:

- 1 An AIRKO piston compressor serves as a basic piece of equipment and a drive unit for many different tools and often opens up new applications you might not even have thought of – with no additional outlay.
- 2 Pneumatic tools are lighter, cheaper and more user-friendly. They are tools pure and simple without their own electric motor. They are very durable, infinitely adjustable and can operate to full capacity until they come to a standstill without sustaining damage.
- 3 For many applications, such as spray-painting, sand-blasting and tyre filling, compressed air is the only simple and rational method available.

Good tools are the foundations of quality, and compressed air technology often provides the impetus for exploiting new opportunities.



Performance data. Defining application and cost-effectiveness.

Intake rate

This value, although somewhat imprecise, is often used to indicate the 'capacity' of small and piston compressors. It is calculated as follows:

Piston displacement x speed

The quantity of compressed air produced is usually stated in litres per minute.

Effective delivery volume

This refers to the volume of compressed air actually available, expressed in l/sec, l/min, or m³/h. This value must be calculated using a valid and binding standard.

For small compressors, the standard used is normally that of the VDMA (German Engineering Federation). With this method the effective delivery volume is calculated under a back pressure of 6–8 bar depending on the shut-off pressure.

This precise method is important because in all compressors the delivery volume varies according to the final pressure. Whenever a delivery volume is quoted, always check the operating overpressure at which the measurement was taken. The standard used must always be stated.

To make informed comparisons and avoid nasty surprises, make sure you understand the data being quoted.

Filling capacity

Because the delivery volume of a piston compressor is much higher in the lowest pressure range than at a higher back pressure, the quoted effective delivery volume may be misleading. All you are interested in is the delivery volume in the pressure bandwidth within which the compressor operates automatically.

If the data for a product only states the delivery volume between a back pressure of 0 bar and the shut-off pressure, be sceptical.

How to estimate effective delivery volume yourself:

1. Switch off the compressor and vent the receiver until the pressure reaches 6 bar.
2. Switch the compressor on and time how long it takes for the receiver to return from 6 bar to 8 bar.
3. Calculate the approximate effective delivery volume using the formula:

$$\frac{\text{receiver volume x 2 bar x 60}}{\text{measured time}}$$

Example:

90-litre receiver

36 seconds

From 6 to 8 bar. $90 \times 2 \times 60 / 36 = 300$ l/min.

So the compressor's effective delivery volume at 7 bar is around 300 l/min.

Airko quality profile at a glance.

- ○ ○ ○ ○ Light-duty home use
- ● ○ ○ ○ Home use
- ● ● ○ ○ Heavy-duty home use
- ● ● ● ○ Commercial use
- ● ● ● ● Intensive commercial use / industrial standard

Choose with confidence by comparing important data.

When you know what to look for, you can choose the cost-effective solution that's right for you.

Parameters for comparison	Compressor 1 e.g. Primus 6002	Compressor 2	Compressor 3
Piston displacement [l/min]	475		
Filling capacity [l/min]	373		
Delivery volume [l/min]	311		
Max. pressure [bar]	10		
Receiver volume [l]	90		
Filter pressure controller	Yes		
Quick-release coupling	Yes		
CE/ISO 9001	Yes		
Warranty [months]	36		
Parts availability guarantee [years]	15		



Primus 5000

Quiet single-cylinder compressor with direct drive.

Ultra-quiet, portable and directly driven: the industrial-quality single-cylinder unit. High-quality brand-name filter regulator, 2 pressure gauges, 2 AIRKO professional steel quick-release couplings for reduced filtered connection and unfiltered connection (receiver pressure), thermal motor overload protection and safety valve. Uses 3-phase or AC power. **Complete AIRKO equipment***.

Quality profile ●●●●●
Guarantee 36 months
Parts availability guarantee 15 years

* With connecting cable and plug (with phase inverter)

Speed just 1450 rpm

High-quality air intake filter, generously dimensioned with easy-to-change filter insert

AIRKO pressure line with fins on surface for optimum cooling and durability

Valve plates (Hörbiger) of high-quality steel with stroke limitation and long lifetime

Large cast-iron fan for optimum cooling

AIRKO quick-release coupling made of steel with ULTRA-FLOW valve for high flow capacity

Brand-name pressure switch with relief valve and operating hours counter for optimum monitoring

Robust chassis with large, wide rubber wheels for ease of transport and stability when in use

Also available with galvanised finish!
Representative image

Robust, high-quality IP 54 energy-saving motor with 1,450 rpm for a long service life and low operating costs

Type	Piston displacement [l/min]	Filling capacity [l/min]	Delivery volume [l/min]	Maximum pressure [bar(g)]	Motor [kW]	Receiver volume [litres]	Dimensions L x W x H	Weight [kg]	Noise level [dB(A)]	Order no.	EAN code
Primus 5000 D	310	229	190	10	1.5	50	100 x 40 x 90	53	67	410.000	9009261100000
Primus 5000 W	310	229	190	10	1.5	50	100 x 40 x 90	53	67	410.002	9009261100024
OPTION:	Available with galvanised receiver									151.325	

* Usable intake volume flow in relation to 7 bar. Speed 1450 rpm. W = AC 230 V ~ 1/50 Hz. D = 3-phase 230/400 V ~ 3/50 Hz. IP 54 protection, ISO-F. Sound level acc. to DIN 45635 Part 13, distance 4 m. Subject to technical modifications.



Primus 6000, 6002, 7002

Quiet maximum output for higher air consumption.

The directly driven, mobile and extra-quiet twin-cylinder compressor for automatic continuous operation. High-quality brand-name filter regulator, 2 pressure gauges, 2 AIRKO professional steel quick-release couplings for reduced filtered connection and unfiltered connection (receiver pressure), thermal motor overload protection and safety valve. Uses 3-phase current (Primus 6000 and 6002 also available as AC). **Complete AIRKO equipment***.

Quality profile ●●●●●
Guarantee 36 months
Parts availability guarantee 15 years

* With connecting cable and plug (with phase inverter)

Speed just 1450 rpm

High-quality air intake filter, generously dimensioned with easy-to-change filter insert

AIRKO pressure line with fins on surface for optimum cooling and durability

Valve plates (Hörbiger) of high-quality steel with stroke limitation and long lifetime

Large cast-iron fan for optimum cooling

AIRKO quick-release coupling made of steel with ULTRA-FLOW valve for high flow capacity

Brand-name pressure switch with relief valve and operating hours counter for optimum monitoring

Robust, high-quality IP 54 energy-saving motor with 1,450 rpm for a long service life and low operating costs

Also available with a galvanised finish ...

... or with a sound insulation box!

3-phase plug with phase inverter: lets you select the motor rotation direction

Type	Piston displacement [l/min]	Filling capacity [l/min]	Delivery volume [l/min]	Maximum pressure [bar(g)]	Motor [kW]	Receiver volume [litres]	Dimensions L x W x H	Weight [kg]	Noise level [dB(A)]	Order no.	EAN code
Primus 6000 D	475	373	311	10	2.2	50	105 x 45 x 83	88	67	410.004	9009261100048
Primus 6000 W	475	373	311	10	2.2	50	105 x 45 x 83	88	67	410.006	9009261100062
Primus 6002 D	475	373	311	10	2.2	90	125 x 59 x 88	91	67	410.008	9009261100086
Primus 6002 W	475	373	311	10	2.2	90	125 x 59 x 88	91	67	410.010	9009261100109
Primus 7002 D	620	507	423	10	3.0	90	125 x 59 x 92	94	67	410.012	9009261100123
OPTION:	Available with galvanised receiver									151.325	
OPTION:	Available with sound insulation box for PRIMUS 6002 and 7002										

* Usable intake volume flow in relation to 7 bar. Speed 1450 rpm. D = 3-phase 230/400 V ~ 3/50 Hz. W = 3-phase 230V ~ 1/50 Hz. IP 54 protection, ISO-F. Sound level acc. to DIN 45635 Part 13, distance 4 m. Subject to technical modifications.

Primus 7004, 8004

High-performance twin-cylinder compressor with direct drive.

The mobile piston compressor offering outstanding economy in continuous use and high compressed air volume. Brand-name filter regulator, 2 pressure gauges, 2 AIRKO professional steel quick-release couplings for reduced connection (filtered) and unreduced connection, thermal motor overload protection and safety valve. 8004 model with two-stage compression and intermediate cooling for very high delivery volume and cost-effectiveness. Uses 3-phase power. **Complete AIRKO equipment***.

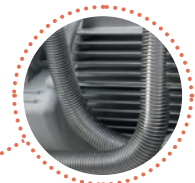
Quality profile ●●●●●
Guarantee 36 months
Parts availability guarantee 15 years

* With connecting cable and plug (with phase inverter)



High-quality air intake filter, generously dimensioned with easy-to-change filter insert

Speed just 1450 rpm



AIRKO pressure line with fins on surface for optimum cooling and durability



Valve plates (Hörbiger) of high-quality steel with stroke limitation and long lifetime



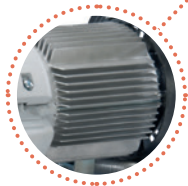
Large cast-iron fan for optimum cooling



Model 8004: up to 20% higher volume flow thanks to highly economical two-stage compression



Brand-name pressure switch with relief valve and operating hours counter for optimum monitoring



Robust, high-quality IP 54 **energy-saving motor** with 1,450 rpm for a long service life and low operating costs



3-phase plug with phase inverter: lets you select the motor rotation direction



Type	Piston displacement [l/min]	Filling capacity [l/min]	Delivery volume [l/min]	Maximum pressure [bar(g)]	Motor [kW]	Receiver volume [litres]	Dimensions L x W x H	Weight [kg]	Noise level [dB(A)]	Order no.	EAN code
Primus 7004 D	620	507	423	10	3.0	200	140 x 65 x 107	121	67	410.014	9009261100147
Primus 8004 D	765	744	620	10	3.8	200	140 x 65 x 114	146	69	410.016	9009261100161

* Usable intake volume flow at 7 bar. Speed 1450 rpm. D = 3-phase 230/400 V ~ 3/50 Hz. IP 54 protection, ISO-F. Sound level acc. to DIN 45635 Part 13, distance 4 m. Subject to technical modifications.

Trailer 6002, 7002

Extra-quiet and extra-mobile.

The mobile, directly driven twin-cylinder construction compressor with trolley design and 100-litre receiver. High-quality brand-name filter regulator, 2 pressure gauges for receiver and working pressure, 3 separate AIRKO professional steel quick-release couplings for unreduced, reduced unooled and reduced oiled compressed air, thermal motor overload protection and safety valve. Uses 3-phase power (Trailer 6002 also uses AC). **Complete AIRKO equipment***.

Quality profile ●●●●●
Guarantee 36 months
Parts availability guarantee 15 years

* With connecting cable and plug

Speed just 1450 rpm

High-quality air intake filter, generously dimensioned with easy-to-change filter insert

AIRKO pressure line with fins on surface for optimum cooling and durability

Valve plates (Hörbiger) of high-quality steel with stroke limitation and long lifetime

Large cast-iron fan for optimum cooling

AIRKO quick-release coupling made of steel with ULTRA-FLOW valve for high flow capacity

Operating panel with filter regulator, oiler, pressure gauges and 3 separate AIRKO quick-release couplings

Excellent **mobility** thanks to robust chassis, large wheels and special AIRKO trolley-type design

3-phase plug with phase inverter: lets you select the motor rotation direction

Type	Piston displacement [l/min]	Filling capacity [l/min]	Delivery volume [l/min]	Maximum pressure [bar(g)]	Motor [kW]	Receiver volume [litres]	Dimensions L x W x H	Weight [kg]	Noise level [dB(A)]	Order no.	EAN code
Trailer 6002 D	475	373	311	10	2.2	90	62 x 80 x 130	100	67	411.018	9009261110184
Trailer 6002 W	475	373	311	10	2.2	90	62 x 80 x 130	100	67	411.020	9009261110207
Trailer 7002 D	620	507	423	10	3.0	90	62 x 80 x 130	103	67	411.022	9009261110221

* Usable intake volume flow at 7 bar. Speed 1450 rpm. D = 3-phase 230/400 V ~ 3/50 Hz. IP 54 protection, ISO-F. Sound level acc. to DIN 45635 Part 13, distance 4 m. Subject to technical modifications.

Trailer 362 W-24

Professional performance for mobile use.

Powerful construction compressors with professional equipment for everyday use. Mobile construction compressor with 24-litre receiver, protected fittings unit with pressure controller and 2 pressure gauges, two AIRKO quick-release couplings (on Trailer 362), automatic on/off operation using pressure switch, relief valve and thermal overload protection. AC power. **Complete AIRKO equipment***.

Quality profile ●●●○○
Guarantee 30 months
Parts availability guarantee 15 years



Trolley design and large, stable wheels for easy transport

Speed just 1420 rpm



Ergonomic control panel with pressure controller and 2 pressure gauges for receiver and working pressure as well as three separate AirKO quick-release couplings (1 unreduced connection and 2 reduced and filtered connections)

Type	Piston displacement [l/min]	Filling capacity [l/min]	Delivery volume [l/min]	Maximum pressure [bar(g)]	Motor [kW]	Receiver volume [litres]	Dimensions L x W x H	Weight [kg]	Noise level [dB(A)]	Order no.	EAN code
Trailer 362 W-24	310	246	205	10	2.2	24	60 x 55 x 70	45	75	411.003	9009261110030

*) Usable intake volume flow at 7 bar. Speed 1450 rpm. W = AC 230 V ~ 1/50 Hz. IP 44, ISO-F. Sound level acc. to DIN 45635 Part 13, distance 4 m. Subject to technical modifications.

Trailer 362 Bau, 592 Bau

Robust construction compressor for use on job sites.

Mobile twin-cylinder construction compressors for demanding conditions with all-round protection. The twin-cylinder compressor with a big aluminium intercooler, low speed and a very low centre of gravity provides for safe operation and transport. The stable frame ensures an effective all-round protection for all sensitive components, a protected fittings unit with filter pressure controller and pressure gauge, AIRKO quick-release coupling, automatic on/off operation using pressure switch, relief valve and thermal overload protection. Uses 3-phase power (Trailer 365 Bau uses AC). **Complete AIRKO equipment***.

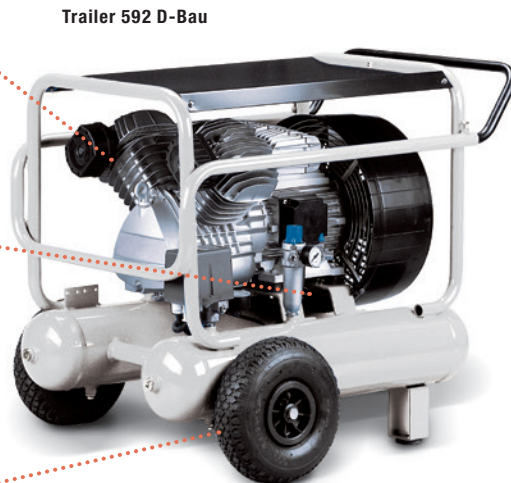
Quality profile ●●●○○
Guarantee 30 months
Parts availability guarantee 15 years

* With connecting cable and plug (with phase inverter)



High-quality air intake filter, generously dimensioned with easy-to-change filter insert

Speed just 1420 rpm



Trailer 592 D-Bau



3-phase plug with phase inverter: lets you select the motor rotation direction



Twin-cylinder unit with low speed guarantees maximum quietness and durability



Easy and convenient to transport thanks to wide wheelbase, low centre of gravity and large, stable wheels

Speed just 1420 rpm



Trailer 362 W-Bau



The **handy tool holder** also protects the unit against damage from above



The **sturdy frame** provides effective all-round protection for sensitive parts

Type	Piston displacement [l/min]	Filling capacity [l/min]	Delivery volume [l/min]	Maximum pressure [bar(g)]	Motor [kW]	Receiver volume [litres]	Dimensions L x W x H	Weight [kg]	Noise level [dB(A)]	Order no.	EAN code
Trailer 362 W-Bau	310	246	205	10	2.2	9+9	64 x 64 x 59	51	75	411.012	9009261110122
Trailer 592 D-Bau	590	459	390	10	3.0	11+11	82 x 55 x 89	88	79	411.008	9009261110085

* Usable intake volume flow at 7 bar. Speed 1420 rpm. W = AC 230 V ~ 1/50 Hz. D = 3-phase 230/400 V ~ 3/50 Hz. IP 54 protection, ISO-F. Sound level acc. to DIN 45635 Part 13, distance 4 m. Subject to technical modifications.

Trailer Silent

Oil-free, quiet and versatile.

The universal oil-free compressor for home use, hobbies and construction.

Portable and versatile compressor with 6-litre receiver, fittings unit with pressure controller and pressure gauge, AIRKO quick-release coupling, automatic on/off operation using pressure switch, relief valve and thermal overload protection. Uses AC power. **Complete AIRKO equipment with connecting cable and plug.**

Quality profile
Guarantee
Parts availability
guarantee

●●●○○○
24 months
10 years

Speed just 1400 rpm



Oil-free compressor unit, no oil changes required, so kinder to the environment and maintenance-free



Compact dimensions make this a **universal solution** for home, hobby and construction use



The **low speed** guarantees maximum quietness, durability and minimum sound level (66 dB(A))



Fittings unit with pressure controller and pressure gauge



The **low weight** and integrated handle make the unit very easy to transport



Vibration-damping rubber suction feet for stability in use



Type	Piston displacement [l/min]	Filling capacity [l/min]	Delivery volume [l/min]	Maximum pressure [bar(g)]	Motor [kW]	Receiver volume [litres]	Dimensions L x W x H	Weight [kg]	Noise level [dB(A)]	Order no.	EAN code
Trailer Silent	130	85	70	8	0.75	6	53 x 21 x 54	15	66	411.010	9009261110108

* Usable intake volume flow at 6 bar. AC power 230 V ~ 1/50 Hz. IP 20 protection, ISO-F. Sound level acc. to DIN 45635 Part 13, distance 4 m. Subject to technical modifications.

Trailer 250, 215

Lightweight, portable, compact AC compressor.

The portable tradesperson's compressor, ideal for construction work and mobile use. Portable construction compressor for up to 15 bar (Trailer 215), fittings unit with pressure controller and 2 pressure gauges, AIRKO quick-release coupling, automatic on/off operation using pressure switch, relief valve and thermal overload protection. AC power. **Complete AIRKO equipment including connecting cable and plug.**

Quality profile ●●●○○
Guarantee 30 months
Parts availability guarantee 15 years



Cylinder made of high-quality cast iron with large cooling surfaces



Fittings unit with pressure controller and 2 pressure gauges



Pipe frame serves as receiver, protecting both pressure switch and fittings unit



Professional, oiled **1-cylinder unit** for construction and DIY



Rubber suction feet for vibration damping and stability

Type	Piston displacement [l/min]	Filling capacity [l/min]	Delivery volume [l/min]	Maximum pressure [bar(g)]	Motor [kW]	Receiver volume [litres]	Dimensions L x W x H	Weight [kg]	Noise level [dB(A)]	Order no.	EAN code
Trailer 250 W	250	170	150	10	1.5	2.4	51 x 27 x 40	21	76	411.004	9009261110047
Trailer 215 W	87	60	50	15	0.6	2.4	51 x 27 x 40	21	75	411.006	9009261110061

* Usable intake volume flow at 7 bar. Speed 2850 rpm (Trailer 215: speed 1420 rpm). W = AC 230 V ~ 1/50 Hz. IP 20, ISO-F. Sound level acc. to DIN 45635 Part 13, distance 4 m. Subject to technical modifications.

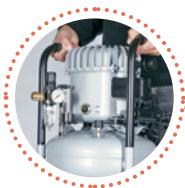
Silko 150, 200, 400

Extremely quiet and amazingly versatile.

Reliable and whisper-quiet compressors for use directly in the workplace, studio or home. Portable and very quiet compressor with 4-litre, 10-litre and 24-litre receivers, fittings unit with filter pressure controller and pressure gauge, AIRKO quick-release coupling and automatic on/off operation using pressure switch. Uses AC power. **Complete AIRKO equipment with connecting cable and plug.**

Quality profile
Made in
Guarantee
Parts availability guarantee

●●●●○
 Europe
 24 months
 10 years



Integrated handle makes the unit easy and comfortable to carry



Brand-name pressure switch with relief valve for automatic on/off operation



High-quality **filter pressure controller** with dirt and moisture separation



Extremely quiet and **no vibration** thanks to encapsulated design. Suitable for use in the home etc.

Max. noise level 33 dB(A)



Silko 200

Max. noise level 42 dB(A)



Silko 400

Max. noise level 31 dB(A)



Silko 150



Optimally protected with **carrying case design** and with integrated handle for convenient transport



Integrated opening for **oil sight glass** for easy monitoring of oil level

Type	Piston displacement [l/min]	Filling capacity [l/min]	Delivery volume [l/min]	Maximum pressure [bar(g)]	Motor [kW]	Receiver volume [litres]	Dimensions L x W x H	Weight [kg]	Noise level [dB(A)]	Order no.	EAN code
Silko 150 W	17	12	10	6	0.135	4	41 x 18 x 43	18	31	413.000	9009261130007
Silko 200 W	50	43	36	8	0.34	10	33 x 33 x 43	25	33	413.002	9009261130021
Silko 400 W	100	86	72	8	0.68	24	49 x 46 x 57	41	42	413.057	9009261130571

* Usable intake volume flow at 6 bar. Speed 2900 rpm. W = AC 230 V ~ 1/50 Hz. IP 31 protection (Silko 150 W: IP 20), ISO-F. Sound level acc. to DIN 45635 Part 13, distance 4 m. Subject to technical modifications.



MedicAir 320 / Dr. Sonic 320

Oil-free dental compressor in compact design and whisper-quiet.

Compact and powerful compressor for dentist surgeries suitable for 3 to 4 dental chairs. Oil-free twin-cylinder compressor set up on a stationary, internally coated 50-litre receiver, fully automatic operation using pressure switch, all necessary safety devices and vibration damper. Pressure gauge for receiver pressure, filter regulator and ball valve for condensate drain. Uses AC power.

Complete AIRKO equipment with connecting cable and plug. Optionally with fitted automatic twin-column adsorption dryer (ES) for 100% dry compressed air and compressed air filter.

Dr. Sonic version, sound-insulated by means of acoustic hood and optionally with fitted automatic twin-column adsorption dryer (ES) for 100% dry compressed air and compressed air filter.

Quality profile ●●●●○
Guarantee 30 months
Parts availability guarantee 15 years

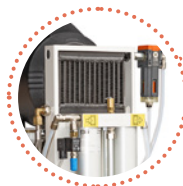


Brand-name pressure switch for fully automatic on/off operation with electro-pneumatic solenoid valve for relief

Speed just 1.400 rpm



The **low speed** guarantees maximum quietness, durability and minimum sound level (66 dB(A))



Adsorption dryer and filter for 100% dry compressed air



Type	Piston displacement [l/min]	Filling capacity [l/min]	Delivery volume [l/min]	Maximum pressure [bar(g)]	Motor [kW]	Receiver volume [litres]	Dimensions L x W x H	Weight [kg]	Noise level [dB(A)]	Order no.	EAN code
MedicAir 320-50 W	320	275	235	8	2.2	50	40 x 50 x 95	53	72	415.000	9009261150005
MedicAir 320-50 W-ES	320	250	210	8	2.2	50	58 x 46 x 95	68	72	415.002	9009261150029
Dr. Sonic 320-50 W	320	275	235	8	2.2	50	61 x 50 x 88	73	60	415.004	9009261150043
Dr. Sonic 320-50 W-ES	320	250	210	8	2.2	50	70 x 50 x 95	89	60	415.006	9009261150067

* Usable intake volume flow at 5 bar. Speed 1400 rpm. W = AC 230 V ~ 1/50 Hz. IP 20 protection, ISO-F. Sound level acc. to DIN 45635 Part 13, distance 4 m. Subject to technical modifications.

Remus 200-24

Lightweight mobile model for home and hobby use and for small construction projects.

The zero-maintenance compressor with direct drive for clean, oil-free compressed air. Mobile, with 24-litre receiver, robust fittings unit with pressure controller and 2 pressure gauges for receiver and working pressure, AIRKO quick-release coupling, automatic on/off operation using pressure switch, relief valve and thermal overload protection. Uses AC power.

Complete AIRKO equipment*.

Quality profile ●●○○○
Guarantee 24 months
Parts availability guarantee 10 years

* With connecting cable and plug



Oil-free compressor unit, no oil changes required, so kinder to the environment and maintenance-free



Robust fittings unit with pressure controller and 2 pressure gauges



Condensate drain valve via smooth-running ball valve for perfect removal of moisture



Type	Piston displacement [l/min]	Filling capacity [l/min]	Delivery volume [l/min]	Maximum pressure [bar(g)]	Motor [kW]	Receiver volume [litres]	Dimensions L x W x H	Weight [kg]	Noise level [dB(A)]	Order no.	EAN code
Remus 200-24 W	200	125	105	8	1.1	24	60 x 26 x 59	18	78	412.000	9009261120008

* Usable intake volume flow at 6 bar. Speed 2850 rpm. W = AC 230 V ~ 1/50 Hz. IP 20 protection, ISO-F. Sound level acc. to DIN 45635 Part 13, distance 4 m. Subject to technical modifications.



Remus 220, 225, 375, 379

Direct-driven universal compressor for more demanding applications.

The compact universal compressor with direct drive for demanding applications. Mobile, universally applicable compressor with 24-, 50- and 90-litre receiver, fittings unit with pressure controller (Remus 375/379 with filter controller) and 2 pressure gauges (receiver and working pressure), AIRKO quick-release coupling, automatic on/off operation using pressure switch, relief valve and overload protection. Uses AC power. **Complete AIRKO equipment***.

Quality profile ●●●○○
Guarantee 24 months
Parts availability guarantee 10 years

* With connecting cable and plug



Cylinder made of high-quality cast iron with large cooling surfaces

Remus 225



Robust fittings unit with pressure controller and 2 pressure gauges



Rubber buffers for extra stability in use



Condensate drain valve via smooth-running ball valve for perfect removal of moisture

Remus 379



Filter controller for clean and controlled compressed air



Large, rubber-tyred wheels and additional castors (in case of 90-litre receiver) ensure better stability during operation

Type	Piston displacement [l/min]	Filling capacity [l/min]	Delivery volume [l/min]	Maximum pressure [bar(g)]	Motor [kW]	Receiver volume [litres]	Dimensions L x W x H	Weight [kg]	Noise level [dB(A)]	Order no.	EAN code
Remus 220 W	235	145	120	8	1.5	24	60 x 26 x 59	25	78	412.004	9009261120046
Remus 225 W	235	145	120	8	1.5	50	83 x 33 x 66	36	78	412.002	9009261120022
Remus 375 W	370	270	230	10	2.2	50	83 x 35 x 67	45	77	412.003	9009261120039
Remus 379 W	370	270	230	10	2.2	90	107 x 37 x 82	56	77	412.008	9009261120084

* Usable intake volume flow at 7 bar. Speed 2850 rpm. W = AC 230 V ~ 1/50 Hz. IP 20 protection, ISO-F. Sound level acc. to DIN 45635 Part 13, distance 4 m. Subject to technical modifications.



Maxxi 1,5/2,2/3,0

Complete equipment and highest quality, for heavier-duty use.

With indirect drive for heavy-duty home use and professional use.

Mobile, universal compressor with 30-, 50-, 90- and 200-litre receivers (270 litre for stationary use), fittings unit with pressure controller and 2 pressure gauges (receiver and working pressure), AIRKO quick-release coupling. Automatic on/off operation using pressure switch, relief valve and overload protection. Uses AC or 3-phase power. **Complete AIRKO equipment***.

Quality profile ●●●●○
Guarantee 30 months
Parts availability guarantee 15 years

* With connecting cable and plug (with phase inverter)



Twin-cylinder unit of high-quality grey cast iron including aftercooler with large cooling fins.

Filter controller for clean and controlled compressed air

Condensate drain valve via smooth-running ball valve for perfect removal of moisture

3-phase plug with phase inverter: lets you select the motor rotation direction

Also available with a galvanised finish!

Large, rubber-tyred wheels and additional castors (in case of 90-litre receiver) ensure better stability during operation

Type	Piston displacement [l/min]	Filling capacity [l/min]	Delivery volume [l/min]	Maximum pressure [bar(g)]	Motor [kW]	Receiver volume [litres]	Dimensions L x W x H	Weight [kg]	Noise level [dB(A)]	Order no.	EAN code
Maxxi 1,5 W-30	255	205	175	10	1.5	30	88 x 38 x 72	42	74	414.001	9009261140013
Maxxi 2,2 W-50	400	324	270	10	2.2	50	80 x 39 x 75	57	75	414.044	9009261140440
Maxxi 2,2 W-90	400	324	270	10	2.2	90	103 x 44 x 85	71	75	414.045	9009261140457
Maxxi 2,2 D-50	400	324	270	10	2.2	50	80 x 39 x 75	61	75	414.046	9009261140464
Maxxi 2,2 D-90	400	324	270	10	2.2	90	103 x 44 x 85	75	75	414.049	9009261140495
Maxxi 3,0 D-90	460	370	310	10	3	90	103 x 44 x 92	78	77	414.006	9009261140068
Maxxi 3,0 D-90 galvanised	460	370	310	10	3	90	103 x 44 x 92	79	77	414.106	9009261141065

* Usable intake volume flow at 7 bar. Speed – Maxxi 1,5: 1250 rpm, Maxxi 2,2: 1570 rpm, Maxxi 3,0: 1375 rpm. W = AC 230 V ~ 1/50 Hz. D = 3-phase 230/400 V ~ 3/50 Hz. IP 44 protection, ISO-F. Sound level acc. to DIN 45635 Part 13, distance 4 m. Subject to technical modifications.



Maxxi 4,0/5,5/7,5

Maximum power and performance.

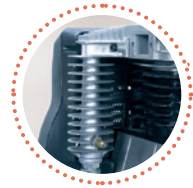
Top-class high-performance compressors for mobile and stationary use.

Powerful two-stage twin-cylinder compressor up to 14 bar(g) (Maxxi 4.0 D-90-14) on a mobile 90-litre receiver and a stationary 270-litre receiver, fully automatic operation using pressure switch, solenoid valve for unloaded start, thermal motor overload protection, pressure gauge, safety valve and condensate drain valve. Equipped as standard with automatic star-delta control box for wall mounting (Maxxi 5.5 and higher). Uses 3-phase current. **Complete AIRKO equipment.**

Quality profile ●●●●○
Guarantee 30 months
Parts availability guarantee 15 years



Two-stage **twin-cylinder unit** made of high-quality grey cast iron with quiet, low-vibration running



Intercooler and aftercooler with large cooling fins for low compressed air temperatures



Large flywheel fan for optimum cooling and sturdy plastic grille to protect components



Supplied with automatic **star-delta control box** as standard for wall mounting (Maxxi 5,5/7,5)



Condensate drain valve via smooth-running ball valve for perfect removal of moisture



Version with **90-litre receiver**: Mobile with large rubber-tired wheels

Type	Piston displacement [l/min]	Filling capacity [l/min]	Delivery volume [l/min]	Maximum pressure [bar(g)]	Motor [kW]	Receiver volume [litres]	Dimensions L x W x H	Weight [kg]	Noise level [dB(A)]	Order no.	EAN code
Maxxi 4,0 D-90	675	550	495	10	4	90	107 x 45 x 100	94	78	414.108	9009261140082
Maxxi 4,0 D-90 galvanised	675	550	495	10	4	90	107 x 45 x 100	95	78	414.109	9009261141096
Maxxi 4,0 D-90-14	570	470	390	14	4	90	110 x 45 x 100	94	79	414.010	9009261140105
Maxxi 4,0 D-270	675	550	495	10	4	270	155 x 59 x 113	134	78	414.012	9009261140129
Maxxi 5,5 D-270**	840	615	605	10	5.5	270	170 x 56 x 134	181	80	414.014	9009261140143
Maxxi 7,5 D-270**	1080	920	780	10	7.5	270	176 x 56 x 140	216	82	414.016	9009261140167

IMPORTANT NOTE: types Maxxi 5,5 and Maxxi 7,5 are supplied with autom. star-delta control box for wall mounting!

Options

Anti-vibration elements (4 pieces, for elastic support)	447.080	9009261470806
AIRKOmat 31 with attachment kit on receiver	445.002	9009261450020
High-pressure connecting hose with union nuts and adapter, 800 mm G 1/2" rubber	447.008	9009261470080

* Usable intake volume flow at 7 bar(g). Speed Maxxi 4,0 = 920 rpm, Maxxi 5,5 = 1.250 rpm, Maxxi 7,5 = 1.100 rpm. D = 3-phase 230/400 V ~ 3/50 Hz. IP 54 protection, ISO-F. Sound level acc. to DIN 45635 Part 13, distance 4 m. ** With star-delta control box. Subject to technical modifications.

Maxxi 4,0/5,5

Maximum power - minimum floor space.

Top-class high-performance compressors with maximum performance for stationary use. Powerful two-stage twin-cylinder compressor on a 270-litre receiver in a space-saving vertical version, fully automatic operation using pressure switch, solenoid valve for unloaded start, thermal motor overload protection, pressure gauge, safety valve and condensate drain valve. Equipped as standard with automatic star-delta control box for wall mounting (Maxxi 5.5 and higher). Uses 3-phase current. **Complete AIRKO equipment.**

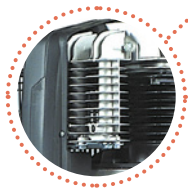
Quality profile ●●●●○
Guarantee 30 months
Parts availability guarantee 15 years



Two-stage **twin-cylinder unit** made of high-quality grey cast iron with quiet, low-vibration running



Large flywheel fan for optimum cooling and sturdy plastic grille to protect the components.



Intercooler and aftercooler with large cooling fins for low compressed air temperatures



Supplied with automatic **star-delta control box** as standard for wall mounting (Maxxi 5,5)



Type	Piston displacement [l/min]	Filling capacity [l/min]	Delivery volume [l/min]	Maximum pressure [bar(g)]	Motor [kW]	Receiver volume [litres]	Dimensions L x W x H	Weight [kg]	Noise level [dB(A)]	Order no.	EAN code
Maxxi 4,0 D-270 ST	675	550	495	10	4	270	86 x 85 x 210	160	78	414.040	9009261140402
Maxxi 4,0 D-270 ST-14 galvanised	570	470	390	14	4	270	86 x 85 x 210	166	78	414.041	9009261140419
Maxxi 5,5 D-270 ST**	840	715	605	10	5.5	270	86 x 85 x 210	173	80	414.042	9009261140426

IMPORTANT NOTE: type Maxxi 5,5 is supplied with autom. star-delta control box for wall mounting!

Options

Anti-vibration elements (3 pieces, for elastic support)	447.078	9009261470783
AIRKOmat 31 with attachment kit on receiver	445.003	9009261450037
High-pressure connecting hose with union nuts and adapter, 800 mm G 1/2" rubber	447.008	9009261470080

* Usable intake volume flow at 7 bar(g). Speed Maxxi 4,0 = 920 rpm, Maxxi 5,5 = 1.250 rpm. D = 3-phase 230/400 V ~ 3/50 Hz. IP 54 protection, ISO-F. Sound level acc. to DIN 45635 Part 13, distance 4 m. ** With star-delta control box. Subject to technical modifications.

Pneumatic tools and spray-painting guns

Quality that goes deeper. From AIRKO.

Quality you won't let go again.

Once you've worked with AIRKO pneumatic tools and spray painting guns, you'll "grasp" their special suitability for daily use and their various benefits offhand ... and you'll insist on this quality from now on.

AIRKO provides power to your work. With tools that bring your strengths to bear, increasing productivity virtually on its own.

They are ...

- optimally designed according to ergonomic principles
- easy to use and easy to maintain
- versatile
- designed sturdy enough to stand their ground undamaged in toughest everyday use
- made of high-grade material
- particularly handy, and
- perfectly integrated into the overall AIRKO system.

Pneumatic tools from the specialist to ensure the best energy balance: for productive use, better results and easier maintenance.

Pneumatic tools and spray painting guns from AIRKO are always your best choice. Without fail.

Good results are based on care: this applies not only to choosing the right spray painting devices but also to the paint as well as to tool maintenance.

Using the ergonomically designed AIRKO spray painting guns, you always have all quality components well in hand and in your grip:

- Finely adjustable paint quantity regulation.
- Flat and round jet.
- Spray pressure and
- interchangeable nozzle sizes.

Impact wrench 1/2"

A new strength: pneumatic tools from AIRKO.

Impact wrench GP 0706

Impact wrench with powerful vane motor and twin-hammer mechanism ensure high torque and immense power. Precision high-performance bearings and the shockproof composite housing guarantee maximum service life.

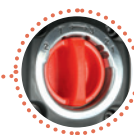
Quality profile ●●●●○



Powerful **vane motor** for maximum performance and long life



Very light, high-quality **composite housing**



Multi-step **power control** plus rotation direction switch



Optimised **downwards air exhaust**, non-slip handle and smooth-running controls for ease of use

Impact wrench GP 2428 A

Quality profile ●●●●○

Professional 1/2" impact wrench with very short overall length (only 97 mm) for tight situations. With high-performance TWIN-hammer double-impact mechanism, 3 power stages for clockwise/anticlockwise operation, cold-insulated handle and downwards air exhaust.

Impact wrench GP 3279

Quality profile ●●●●○

Industrial impact wrench 1/2" for tough applications in a shock-resistant composite housing and with a short overall length. The powerful TWIN-hammer double-impact mechanism ensures tremendous power and torque.



Type	Square drive	Working torque	Max. torque	Avg. air consumption*	Speed	Weight	Length	Min. hose diameter	Sound level	Order no.	EAN code
	[in]	[Nm]	[Nm]	[l/min]	[rpm]	[kg]	[mm]	[mm]	[dB(A)]		
GP 0706	1/2	470–880	1150	368	10 000	2.0	193	10	104	420.004	9009261200045
GP 2428 A	1/2	542	678	240	10 000	1.4	97	10	96	420.180	9009261201806
GP 3279	1/2	881	1356	120	8500	1.9	143	10	104	420.182	9009261201820

* All data refer to average air consumption at operating pressure of 6.3 bar. Air connection for all types 1/4". Subject to technical modifications.

Impact wrench 3/4", 1"

A new strength: pneumatic tools from AIRKO.

Impact wrench GP 1948 3/4"

Impact wrench with twin-hammer mechanism for very high torque and immense power. Very light, high-quality composite housing. Optimised downwards air exhaust, ergonomic handle and smooth-running controls for great ease of use.

Quality profile ●●●●○



Lubrication nipple for external lubrication of impact mechanism ensures long service life



Comfortable **one-hand reversing** for clockwise/anticlockwise operation



Multi-step **power control** for optimum control



High-quality shock-proof **composite housing**

Impact wrench GP 0770 3/4"

Quality profile ●●●●○

Professional impact wrench with outstanding power/weight ratio, twin-hammer mechanism and short length for easy access to tight spots.



Impact wrench GP 1946 1"

Quality profile ●●●●○

Composite housing, multi-step power control for clockwise/anticlockwise operation, tremendous power and compact design with extra handle – ideal for fleet service providers.



Type	Square drive [in]	Working torque [Nm]	Max. torque [Nm]	Avg. air consumption [l/min]	Speed [rpm]	Weight [kg]	Length [mm]	Min. hose diameter [mm]	Sound level [dB(A)]	Order no.	EAN code
GP 1948	3/4	271–1.627	1898	198	5500	3.3	215	13	90	420.010	9009261200106
GP 0770	3/4	1350	1500	480	5700	4.0	216	13	97	420.014	9009261200144
GP 1946	1	1356–1763	2034	448	5300	5.1	256	13	109	420.016	9009261200168

* All data refer to average air consumption at operating pressure of 6.3 bar. Air connection for all types 3/8". Subject to technical modifications.

Impact sockets

Impact sockets from AIRKO. Made of chromium-molybdenum steel.

Impact socket PT 0243 K05 1/2"

Quality profile ●●●●●

Square socket wrench of chromium-molybdenum steel (Cr-Mo) for the professional, with anti-scratch coating for aluminium rims, 7 parts in plastic case.



Impact sockets PT 02428 K1 1/2"

Quality profile ●●●●●

Square socket wrench of CrMo steel for the professional, 12 parts in plastic case.

Impact sockets PT 02624 ML 3/4"

Quality profile ●●●●●

Square socket wrench of CrMo steel for the professional, 8 parts in sturdy metal case.

Impact sockets PT 02825 M 1"

Quality profile ●●●●●

Square socket wrench of CrMo steel for the professional, 8 parts in sturdy metal case.



Type	Fitting	Size (length)	WAF	Order no.	EAN code
	[in]	[mm]	[mm]		
PT 0243 K05	1/2	85	17, 19, 21, 22, 23, 24, 27	420.034	9009261200342
PT 02428 K1	1/2	85	10, 11, 13, 14, 17, 19, 21, 23, 24, extension 125 mm (1/2")	420.036	9009261200366
PT 02624 ML	3/4	85	24, 27, 29, 30, 32, 33, 34, 36	420.038	9009261200380
PT 02825 M	1	85	24, 27, 30, 32, 33, 36, 38, 41	420.040	9009261200403

Subject to technical modifications.

Drills

Powerful pneumatic tools from AIRKO.

Drill GP 0659 B

Quality profile ●●●●○

Drill with high-quality composite quick-change chuck with planetary gearing and needle bearings for high performance and long life. Speed control via non-slip drive switch and clockwise/anticlockwise direction control via smooth-running changeover switch.



Drill GP 0657 B

Quality profile ●●●●○

Drill with 2-stage power controller, clockwise/anticlockwise operation via quick changeover, cold-insulated and comfortable handle and low speed.



Drill GP 1808

Quality profile ●●●●○

Low weight, short length, two-step power control, planetary gearing, needle bearings and ergonomic handle for optimum ease of use.



Type	Chuck [mm]	Chuck with wrench	Quick-change chuck	Avg. air consumption [l/min]	Speed [rpm]	Weight [kg]	Length [mm]	Min. hose diameter [mm]	Sound level [dB(A)]	Order no.	EAN code
GP 0659 B	10		x	113	1800	1.4	165	8	84	420.030	9009261200304
GP 0657 B	13	x		113	800	1.6	210	8	84	420.186	9009261201868
GP 1808	6	x		113	2600	0.6	148	8	84	420.026	9009261200267

* All data refer to average air consumption at operating pressure of 6.3 bar. Air connection for all types 1/4". Subject to technical modifications.

Ratchet wrench

The reliable and powerful alternative from AIRKO.

Impact ratchet wrench GP 2548

Reaction-free pneumatic impact wrench for loosening and tightening screw connections that are difficult to access, in a compact design with high torque due to JUMBO hammer mechanism ensuring maximum safety at work, with torque adjustment at the cold-insulated handle.

Quality profile ●●●●○



Very flat **ratchet head** allowing optimum access for working in very tight space



2-stage power controller with clockwise/anticlockwise adjustment

Multi-function ratchet wrenches

Multi-function ratchet wrench GP 2443 K

Quality profile ●●●○○

With high power at low weight and a robust composite housing. With direct sockets 8, 10, 12, 13 and 14 mm and adapter 1/4" and 3/8" for normal sockets. Flat, closed design of the ratchet head, designed for working in very tight space and a long service life.

Ratchet wrench GP 0761 B

Quality profile ●●●●○

Professional ratchet wrench with high torque, clockwise/anticlockwise direction changeover switch and practical housing with non-slip handle.

Ratchet wrench GP 0730 PS

Quality profile ●●●●○

Ratchet wrench set in handy plastic case with 7 socket wrenches (9, 11, 12, 13, 14, 17, 19 mm), holder for 3 screwdriver bits, extension and joint holder.



Type	Fitting [in]	Working torque [Nm]	Max. torque [Nm]	Avg. air consumption [l/min]	Speed [rpm]	Weight [kg]	Length [mm]	Min. hose diameter [mm]	Sound level [dB(A)]	Order no.	EAN code
GP 2548	1/2	61-190	244	142	7000	1.8	341	10	97	420.184	9009261201844
GP 2443 K	1/4 + 3/8	41	41	85	450	0.6	210	8	93	420.019	9009261200182
GP 0761 B	1/2	80	88	170	160	1.2	260	8	98	420.020	9009261200205
GP 0730 PS	1/2	68	68	120	150	1.1	254	8	90	420.024	9009261200243

* All data refer to average air consumption at operating pressure of 6.3 bar. Air connection for all types 1/4". Subject to technical modifications.

Screwdriver

Quality you can hold in your hand: from AIRKO.

Screwdriver GP 0973

Quality profile ●●●●○

Robust, ergonomic composite housing, cylindrical for easy handling and with stepless speed control. Comfortable rotary switch for clockwise/anticlockwise operation and quick-change coupling for screwdriver bits. Soft grip with non-slip, cold-insulated handle for frequent use.



Screwdriver GP 0907 B

Quality profile ●●●●○

Ideal screwdriver with stepless speed control, quick-change coupling for bits, non-slip handle, clockwise/anticlockwise direction changeover switch, downwards air exhaust and short length.



Type	Fitting [bit]	Working torque [Nm]	Max. torque [Nm]	Avg. air consumption* [l/min]	Speed [rpm]	Weight [kg]	Length [mm]	Min. hose diameter [mm]	Sound level [dB(A)]	Order no.	EAN code
GP 0973	6 mm	1.1–10.2	10	113	1800	1.2	265	8	85	420.042	9009261200427
GP 0907 B	6 mm	5–13	13	113	1800	1.1	178	8	83	420.044	9009261200441

* All data refer to average air consumption at operating pressure of 6.3 bar. Air connection for all types 1/4". Subject to technical modifications.

Cutting

A breakthrough in tool design: AIRKO power.

Chisel hammer GP 0314 HK1

Ergonomic pistol design with specially hardened, corrosion-treated cylinder. Non-slip, cold-insulated handle with safety switch and automatic stop for perfect handling. Set of five high-quality chisels in case, made of CrMo steel, chisel length 250 mm, with retaining spring and inline oiler.

Quality profile ●●●○○○



Ergonomic **pistol shape** for professional results



Versatile set of five high-quality chisels in **case**



Power control offers stepless regulation of impact rate for rapid removal of tiles, plaster etc.



Non-slip, cold-insulated **handle**

Chisel hammer GP 0109 NHB

Quality profile ●●●○○○

Medium-heavy demolition hammer for wall-breaking and demolition of bricks and concrete, with ergonomic handle, retaining spring and two high-quality chisels of CrMo steel, chisel length 250 mm.

Chisel hammer GP 0120 H

Quality profile ●●●○○○

Heavy demolition hammer for demolition of bricks, concrete and natural stone, with ergonomic handle and two high-quality chisels of CrMo steel, chisel length 260 mm.



Type	Fitting [in]	Impact rate [rpm]	Stroke height [mm]	Avg. air consumption* [l/min]	Weight [kg]	Length [mm]	Min. hose diameter [mm]	Sound level [dB(A)]	Order no.	EAN code
GP 0314 HK1	10.20	3000	66.7	157	1.8	250	10	98	420.048	9009261200489
GP 0109 NHB	12.80	3600	50.0	350	2.8	254	13	92	420.052	9009261200526
GP 0120 H	14.70	2400	51.0	600	5.9	327	13	93	420.054	9009261200540
Retaining spring for GP 0314									420.160	9009261201608
Retaining spring for GP 109									420.162	9009261201622
Retaining spring for GP 0120 H									420.176	9009261201769

* All data refer to average air consumption at operating pressure of 6.3 bar. Air connection for all types 3/8" (except GP 0314 = 1/4"). Subject to technical modifications.

Cutting

Pneumatic tools from AIRKO made of chromium-molybdenum steel.

Spare chisels

Quality profile ●●●○○

Quality chisels of chromium-molybdenum steel for pneumatic chisel hammers
GP 0248 HB, GP 0314 HK1, GP 0109 NHB, GP 0120 H and LA 427 EU.

Hex chisel set 10.2 mm Length 180 mm

5 chisels including bolster chisel, universal chisel, double-edged sheet metal chisel, pointed chisel and sheet metal cutting chisel

Also:

Flat chisel 20 mm x 180 mm
Flat chisel 50 mm x 180 mm
Pointed chisel 180 mm

Demolition chisel for demolition hammer GP 0109 NHB hex 12.8 mm

Flat chisel 25 mm x 220 mm
Pointed chisel 220 mm

Demolition chisel for demolition hammer GP 0120 H Hex 14.7 mm

Flat chisel 30 mm x 250 mm
Pointed chisel 250 mm

Needle deruster attachment G 100 H

Quality profile ●●●○○

The perfect tool for rust removal and cleaning, suitable for chisel hammers GP 0248 HB, GP 0314 HK1 and LA 427 EU.



Type	Fitting [in]	Length [mm]	Suitable for	Order no.	EAN code
Chisel set	10.2	180	GP 0314 HK1	420.106	9009261201066
Flat chisel – 20 mm	10.2	250	GP 0314 HK1	420.116	9009261201165
Flat chisel – 25 mm	12.8	220	GP 0109 NHB	420.122	9009261201226
Pointed chisel	12.8	220	GP 0109 NHB	420.126	9009261201264
Flat chisel – 30 mm	14.7	250	GP 0120 H	420.130	9009261201301
Pointed chisel	14.7	250	GP 0120 H	420.136	9009261201363
Needle deruster attachment G 100 H	10.2		GP 0314 HK1	420.092	9009261200922

Subject to technical modifications.

Random orbit sanders

Premium technology from AIRKO creates superior tools.

Random orbit sander GP 0498 A

Premium random orbit sander with 150 mm 6-hole Velcro sanding disc with oscillating circle of 9.5 mm for large surface transfer. Integrated stepless power control and safety switch with automatic stop for superior sanding results.

Quality profile ●●●●○



Random orbit sander GP 0424 A

Quality profile ●●●●○

Ultra-lightweight professional model with high sanding and polishing capacity (speed 12 000 rpm) and oscillating circle of 5 mm for perfect surface finishing and superior sanding results.



Random orbit sander GP 0413 DC

Quality profile ●●●●○

Compact, agile random orbit sander with oscillating circle of 5 mm and extraction system with suction hose for large surface transfer and perfect sanding results.



Type	Sanding disc diameter 6-hole [mm]	Speed [rpm]	Avg. air consumption* [l/min]	Weight [kg]	Oscillating circle diameter [mm]	Min. hose diameter [mm]	Sound level [dB(A)]	Order no.	EAN code
GP 0498 A	150	12 000	170	1.00	9.5	8	86	420.072	9009261200724
GP 0424 A	150	12 000	170	0.96	5.0	8	86	420.076	9009261200762
GP 0413 DC	150	10 000	390	1.13	5.0	10	83	420.078	9009261200786

* All data refer to average air consumption at operating pressure of 6.3 bar. Air connection for all types 1/4". Subject to technical modifications.

Grinders and angle grinders

The fine art of grinding. Perfected by AIRKO.

Axial grinder GP 0546SW

High-speed 25 000 rpm unit offers perfect grinding performance with standard collet for 6 mm grinding pins, ideal for the finest grinding work. Optimised air exhaust through rotatable air exhaust ring and very low vibration ensure comfortable operation.

Quality profile ●●●●○



Axial grinder GP 0511 PW1

Quality profile ●●●○○

Axial grinder with standard collets for 6 mm and 3 mm grinding pins, supplied in case with 10 grinding stones for deburring, grinding and milling.



Angle grinder GP 0519 AXF 2

Quality profile ●●●●○

Compact angle grinder with powerful motor (0.68 kW) and high grinding capacity (speed 10 000 rpm) for roughing and cutting discs. Works with grinding discs of up to 125 mm in diameter and features M 14 spindle holder for standard grinding discs.



Type	Collet [mm]	Disc diameter [mm]	Speed [rpm]	Avg. air consumption* [l/min]	Weight [kg]	Length [mm]	Min. hose diameter [mm]	Sound level [dB(A)]	Order no.	EAN code
GP 0546 SW	6		25 000	120	0.49	164	8	74	420.080	9009261200809
GP 0511 PW1	3 + 6		22 000	150	0.51	172	10	100	420.082	9009261200823
GP 0519 AXF 2		125	10 000	170	1.8	229	10	85	420.090	9009261200908

* All data refer to average air consumption at operating pressure of 6.3 bar. Air connection for all types 1/4". Subject to technical modifications.

Maintenance tools

Practical is better. AIRKO is the premier choice.

Putty / silicone gun GP 0835 C

Steel cartridge gun for standard 310 ml cartridges.

Quality profile ●●●○○



Grease gun GP 0843 K

Universal grease gun for standard 400 g DIN cartridges or direct filling.

Quality profile ●●●○○



Type	Volume [ml]	Cartridge [ml]	Avg. air consumption* [l/min]	Weight [kg]	Min. hose diameter [mm]	Sound level [dB(A)]	Order no.	EAN code
GP 0835 C	~	310	0.8/stroke	1.6	8	68	420.100	9009261201004
GP 0843 K	450	400	80	1.5	8	80	420.102	9009261201028
Grease hose							420.156	9009261201561
Coupling with 4 jaws							420.158	9009261201585

* All data refer to average air consumption at operating pressure of 6.3 bar. Air connection for all types 1/4". Subject to technical modifications.

Maintenance tools

The safety net you can trust. From AIRKO – who else?

Maintenance unit

Maintenance units are the most important safety feature for every user, consisting of a filter, controller and oiler.

Quality profile ●●●●●



Type	Connection [in]	Max. operating pressure [bar]	Control range* [bar]	Capacity [l/min]	Filter element** [µm]	Order no.	EAN code
07 series – 1/4"							
Maintenance unit	1/4	10	0.3 – 7	390	40	446.000	9009261460005
Controller	1/4	10	0.3 – 7	420		446.004	9009261460043
Filter controller	1/4	10	0.3 – 7	390	40	446.006	9009261460067
Filter	1/4	10		690	40	446.002	9009261460029
Oiler	1/4	10		402		400.972	9009261009723
Metal tank, (filter) controller	1/4	17				446.012	9009261460128
Metal tank, oiler	1/4	17				446.014	9009261460142
Automatic condensate drain	1/4					446.016	9009261460166
Mounting bracket	1/4					446.010	9009261460104
Spare pressure gauge, dia. 40 mm – 10 bar						426.304	9009261263040
82 series – 3/8"							
Maintenance unit	3/8	10	0.3 – 10	1440	40	446.310	9009261463105
Controller	3/8	10	0.3 – 10	1980		446.312	9009261463129
Filter controller	3/8	10	0.3 – 10	2220	40	446.309	9009261463099
Filter	3/8	10		1800	40	446.313	9009261463136
Oiler	3/8	10		1440		446.314	9009261463143
Spare pressure gauge, dia. 40 mm – 10 bar	3/8	17				446.036	9009261460364
84 series – 3/8"							
Filter controller with pressure gauge	3/8	17	0.7 – 17		40	446.297	9009261462979
Pressure controller with pressure gauge	3/8	17	0.7 – 17			446.296	9009261462962
84 series – 1/2"							
Maintenance unit	1/2	10	0.3 – 10	3000	40	446.291	9009261462917
Controller	1/2	10	0.3 – 10	3600		446.292	9009261462924
Filter controller	1/2	10	0.3 – 10	3000	40	446.293	9009261462931
Filter	1/2	10		2280	40	446.294	9009261462948
Oiler	1/2	10		3840		446.295	9009261462955
Metal tank, (filter) controller	1/2	17				446.300	9009261463006
Metal tank, oiler	1/2	17				446.301	9009261463013
Automatic condensate drain	1/2					446.302	9009261463020
Shut-off valve	1/2					446.303	9009261463037
Clamp with angle bracket for maintenance unit	1/2					446.306	9009261463068
Oil-free outlet	1/2					446.304	9009261463044
Angle bracket for single device	1/2					446.305	9009261463051
Spare pressure gauge, dia. 40 mm – 10 bar						446.307	9009261463075
Spare pressure gauge, dia. 40 mm – 20 bar						446.308	9009261463082
Tool oiler for pneumatic tools						420.104	9009261201042

* Different control ranges available on request ** Additional filter elements available on request. Subject to technical modifications.

Spray-painting guns

The best choice for the right tool: AIRKO.

Spray-painting gun GS 151 M-U

Quality profile ●●●●●

Professional, premium-quality LVLP model with stepless control of paint quantity, air volume and stream width, and micrometer for fine adjustment. Flat stream and cone settings with a paint transfer rate of 70%/min.



High-quality nylon tank with a volume of 600 ml, drip guard and paint sieve



Ergonomic, perfectly positioned **handle** and functional design for professional results

Spray-painting gun GS 101 M

Quality profile ●●●●○

High-quality gun using economical HVLP technology, steplessly adjustable cone and flat stream, with micrometer for rough and fine adjustment, made of stainless steel suitable for water-based paint.



Spray-painting gun GS 137 MB

Quality profile ●●●●○

Perfect all-purpose model, particularly suitable for thick-layer materials, with control of paint quantity, air volume and stream width, and adjustable flat stream and cone.



Spray-painting gun GS 102 M

Quality profile ●●●●○

Professional version of a universal model for all paint types, ideal for use with thick-layer materials thanks to the high inlet pressure and very fine paint atomisation.



Type	Nozzle size [mm]	Inlet pressure [bar]	Paint transfer rate [%/min]	Paint stream width [mm]	Nozzle/needle	Avg. air consumption [l/min]	Tank [litres]	Weight [kg]	Order no.	EAN code
GS 151 M-U LVLP	1.7	1-2	70	320	Stainless steel	260	0.6	0.62	424.108	9009261241086
GS 101 M HVLP	1.5	1-2	65	320	Stainless steel	260	0.6	0.62	424.132	9009261241321
GS 137 MB	2.0	2-3	40	330	Stainless steel	220	0.6	0.52	424.016	9009261240164
GS 102 M	1.4	2-3	40	280	Stainless steel	200	0.6	0.62	424.050	9009261240508

Subject to technical modifications.

Spray-painting guns

Original quality accessories from AIRKO.

Nozzle sets and accessories

From fine to powerful, AIRKO nozzle sets contain the optimum size of nozzle for every application as well as offering outstanding quality and value for money. Made of stainless steel.



Item name	Illustration	Nozzle set [mm]	Order no.	EAN code
GS 137 MB		2.0	424.020	9009261240201
		2.5	424.022	9009261240225
GS 102 M	1	1.3	424.062	9009261240621
		1.4	424.064	9009261240645
		1.5	424.066	9009261240669
		1.7	424.068	9009261240683
		2.0	424.070	9009261240706
GS 151 M-U LVLP	1	2.5	424.072	9009261240720
		1.3	424.120	9009261241208
		1.4	424.122	9009261241222
		1.5	424.124	9009261241246
GS 101 M HVLP	1	1.7	424.126	9009261241260
		2.0	424.128	9009261241284
		2.5	424.130	9009261241307
		1.3	424.144	9009261241444
		1.4	424.146	9009261241468
		1.5	424.148	9009261241482
		1.7	424.150	9009261241505
		2.0	424.152	9009261241529
		2.5	424.154	9009261241543
Hose filter for attachment to spray-painting guns, semi-automatic condensate drain	2		424.176	9009261241765
Tank with inner thread, 0.6 litres, suits all spray-painting guns	3		424.178	9009261241789
Paint sieve for spray-painting guns, 230 µm	4		424.180	9009261241802

Quality maintenance equipment

The classic tyre inflators: Airmotion from AIRKO.

Tyre inflator Airmotion classic I

Quality profile ●●●●●

The AIRKO Airmotion series is the “classic” among the mobile tyre inflators. Robust and user-friendly precision design, high measuring accuracy and excellent operating safety along with a reliable and calibrated inflator gauge are the characteristic features of this “classic”. Ideal for service and self-service, with 1.25 m filling hose and specially curved, two-sided twin plug.



Airmotion classic I tyre inflator

Quality profile ●●●●●

The classic mobile tyre inflator with 1.25 m hose and two-sided specially curved twin plug.



Airmotion mobile tyre inflator

Quality profile ●●●●●

Mobile tyre inflator with gauge for connection to the compressed air supply, with 1.25 m hose and lever valve plug.



Airmotion wall tyre inflator

Quality profile ●●●●●

Specially designed for inflating and checking lorry and car tyres. 8 m hose with lever valve plug.



Type	Tank volume [litres]	Connection	Maximum pressure [bar]	Indicator range [bar]	Reading accuracy [bar]	Dimensions L x H [cm]	Weight [kg]	Order no.	EAN code
Airmotion classic I	6	Twin plug	12	0–10	0.1	38 x 76	6.8	425.004	9009261250040
Filler valve for classic I								425.002	9009261250026
Airmotion mobile	–	Twin plug	12	0–10	0.1	38 x 53	4.7	425.006	9009261250064
Airmotion wall	–	Lever valve	12	0–10	0.1	27 x 40	9.0	425.008	9009261250088
Twin plug								425.012	9009261250125
Moment insertion nipple								425.014	9009261250149
Lever valve plug								425.016	9009261250163

Subject to technical modifications.

Quality maintenance equipment

Check, inflate, measure and deflate – with AIRKO tyre inflators.

Professional manual tyre inflator 25GR-80

Professional inflator with high-quality calibrated 80 mm WIKA precision pressure gauge giving exact readings from 0 to 12 bar and oil-resistant rubber protection for pressure gauge and handle. Convenient single-lever function for checking, inflating and deflating.

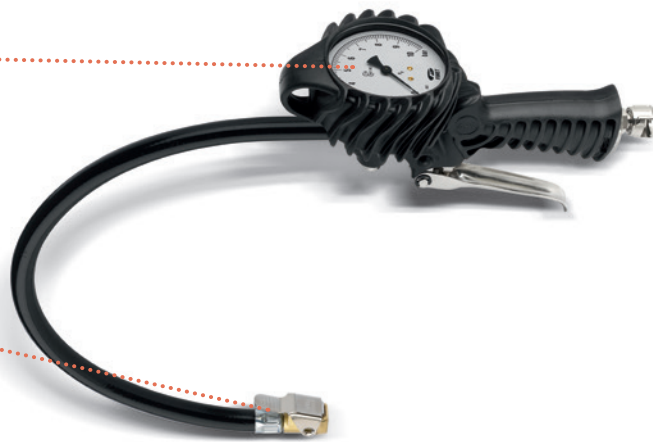
Quality profile ●●●●●



Clearly legible, calibrated **pressure gauge** (DM symbols) 80 mm



Ergonomic, cold-insulated handle with 500 m hose



Accessories
Moment insertion nipple
Twin plug
Lever valve plug



Universal inflating set:
Brass nozzle for bicycle valve, ball hollow needle, brass blow-out nozzle and nozzle for inflatable boats etc.

Professional manual tyre inflator 25G-60

Quality profile ●●●●○

Tyre inflator with high-quality pressure gauge (with pressure fluctuation protection), protective cap, single-lever operation for checking, inflating and deflating.



Manual tyre inflator 25D-RB

Quality profile ●●●●○

Tyre inflator with ergonomic cold-insulated handle, pressure gauge with protective cap and 3 functions: inflate, measure, deflate.



Manual tyre inflator 25 D

Quality profile ●●●●○

Tyre inflator with ergonomic handle, pressure gauge with protective cap and 3 functions: inflate, measure, deflate.



Type	Plug	Maximum pressure [bar]	Pressure gauge diameter [mm]	Indicator range [bar]	Hose length [mm]	Order no.	EAN code
Professional manual tyre inflator 25GR-80 CEE, calibrated	Lever valve	12	80	0-12	500	425.018	9009261250187
Professional manual tyre inflator 25G-60	Lever valve	10	60	0-10	400	425.022	9009261250224
Manual tyre inflator 25D-RB	Lever valve	10	60	0-10	400	425.024	9009261250248
Manual tyre inflator 25D	Lever valve	10	60	0-10	400	425.026	9009261250262
Hose complete with lever valve plug						425.028	9009261250286
Hose complete with moment insertion nipple						425.080	9009261250804
Pressure gauge 60 , 1/4" – connection at the back						425.030	9009261250309
Pressure gauge 60 , 1/4" – connection at the bottom						425.219	9009261252198
Pressure gauge 80 1/4", calibrated – for professional manual tyre inflator 25 GR-80						425.034	9009261250347
Twin plug						425.012	9009261250125
Moment insertion nipple						425.014	9009261250149
Lever valve plug						425.016	9009261250163
Bicycle pump kit						425.070	9009261250705

Subject to technical modifications.

Quality maintenance equipment

Blow-out guns with exceptional AIRKO performance.

Professional blow-out gun AP/3AR

Quality profile ●●●●●

For professional use, with special nozzle design for a high degree of noise reduction.



Blow-out gun AP/AR

Quality profile ●●●●●

For professional use, with special nozzle design for a high degree of noise reduction (< 78 dB(A)).

Blow-out gun AP/3G

Quality profile ●●●●●

For professional use, removable rubber surround for nozzle tip makes it particularly suitable for sensitive surfaces.

Blow-out gun AP/AN

Quality profile ●●●●●

For professional use, with special nozzle design to provide air barrier for safe use.

Blow-out gun AP/V

Quality profile ●●●●●

For professional use, with special venturi nozzle design providing around 100 % more air volume.



Type	Air requirement [l/min]	Maximum pressure [bar]	Connection [in]	Nozzles	Order no.	EAN code
Professional blow-out gun AP/3AR	380	10.0	1/4	Noise-reduced	425.036	9009261250361
Blow-out gun AP/AR	300	10.0	1/4	Noise-reduced	425.038	9009261250385
Blow-out gun AP/3G	380	10.0	1/4	Stepped long nozzle	425.040	9009261250408
Blow-out gun AP/AN	220	10.0	1/4	Short nozzle	425.042	9009261250422
Blow-out gun AP/V	220	10.0	1/4	Injector nozzle	425.044	9009261250446

Subject to technical modifications.

Quality maintenance equipment

AIRKO quality makes good maintenance twice as effective.

Blow-out gun 25/B1/RB

Quality profile ●●●●○

Quality blow-out gun with short nozzle and non-slip cold-insulated handle.



Blow-out gun 25/B2/RB

Quality profile ●●●●○

Quality blow-out gun with 200 mm long nozzle and non-slip cold-insulated handle.



Blow-out gun with short and long nozzle

Quality profile ●●●●○

Handy blow-out gun with a short nozzle and a separate long nozzle 130 mm for changing.



Combi gun

Quality profile ●●●●○

for underbody protection and cavity sealing, with special 900 mm long spray hose.



Spray gun

Quality profile ●●●●○

with metal tank featuring bayonet lock, adjustable air volume and adjustable spray nozzle.



Professional sand-blasting gun

Quality profile ●●●●○

with metal tank and nozzle 6 mm.



Professional sand-blasting gun

Quality profile ●●●●○

with 1.2 m long intake hose and 6 mm nozzle.



Type	Air requirement [l/min]	Maximum pressure [bar]	Connection [in]	Nozzles	Order no.	EAN code
Blow-out gun 25/B1/RB	200	10.0	1/4"	Short nozzle	425.046	9009261250460
Blow-out gun 25/B2/RB	250	10.0	1/4"	Long nozzle	425.048	9009261250484
Blow-out gun with short and long nozzle	200	10.0	1/4"	Short / long nozzle	425.052	9009261250521
Combi gun for underbody protection and cavity sealing	150	7.0	1/4"		425.054	9009261250545
Hose for combi gun					425.056	9009261250569
Spray gun	100	10.0	1/4"	1 l tank	425.078	9009261250781
Professional sand-blasting gun with metal tank	350	7.0	1/4"	1 l tank	425.058	9009261250583
Professional sand-blasting gun with intake hose	400	7.0	1/4"	1.2 m hose	425.060	9009261250606
Spare nozzle 6 mm					425.062	9009261250620
Spare nozzle 8 mm					425.064	9009261250644

Subject to technical modifications.

Airflow piping system

The smart connector system from AIRKO.

Plug it in and it's ready: AIRKO Airflow piping system

Airflow, the low-cost, easy-to-assemble and zero-maintenance pipework system for supply and control lines, is made of high-quality polyamide. A legend – and quality that has been speaking for itself for 40 years.

Polyamide is so tough, it's even used in the brake lines of lorries. It's perfect for the safe transport of compressed air.

AIRKO Airflow is a connector system with decisive benefits that keeps energy flowing while minimising costs:

- Pressure-resistant to 15 bar
- Temperature- and UV-resistant
- Shock- and vibration-resistant
- Completely sealed
- Electrically non-conductive
- Age- and corrosion-resistant
- Maintenance-free and non-rusting

Because the material is conducive to flow, pressure losses are dramatically reduced and it is even possible to use smaller cross-sections than with steel pipes.

The system doesn't even require 'assembly' as such: it relies on simple plug connections.

No tools are needed to lay an Airflow network, nor is there any need for time-consuming thread-cutting. This makes it around 80 % faster than with other methods. If you want to lay your own pipework, now you can do it with peace of mind.

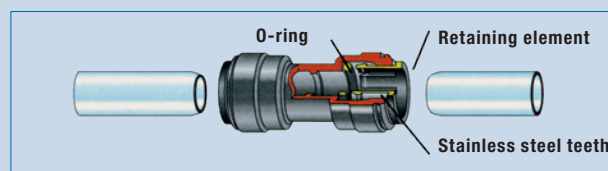
Airflow connectors are also suitable for precision steel pipes and are quickly and easily removed by hand.

Airflow is a well-designed and trusted modular system for pipes measuring 12–22 mm in diameter. The list of possible pipe variants is virtually unlimited.

The completed network is corrosion-proof, maintenance-free and pressure-resistant to 15 bar and can be added to or reconfigured with ease.

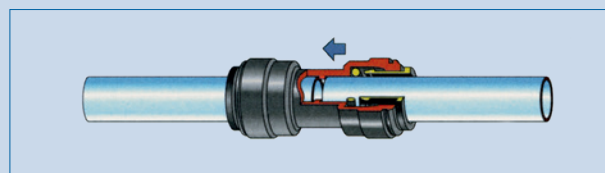
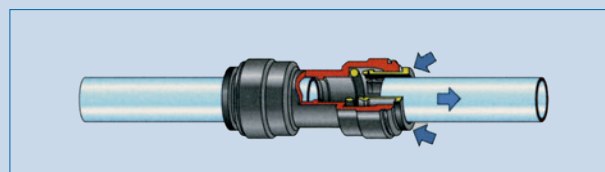
Making a connection: diameter 12–22 mm

The pipe is to be cut straight and at right angles. There must be no sharp edges or other damage.



Connection engages before being sealed

The connector engages before it is sealed. The pipe is inserted as far as it will go, and the stainless steel teeth on the retaining element grip the pipe inside the connector. The O-ring then creates a completely sealed connection.



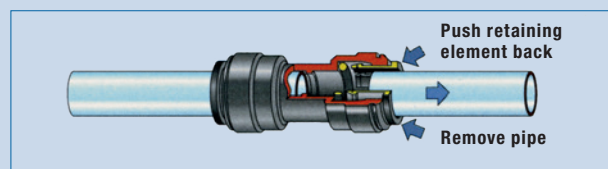
Checking the connection

You can check whether the pipe is properly engaged by gently pulling the two parts in opposite directions.



Releasing the connection

Press back the retaining element to release the pipe from the connection.



Airflow piping system

The smart connector system from AIRKO.

**Airflow piping system:
design your own Airflow networks.**

Decide which pipe diameter you need.

Refer to the tables below to see which pipe cross-section you need. This depends on the length of the pipe and the air throughput. Identify the pipe lengths required for ring lines and stub lines.

The calculations below are based on the following assumptions:

- Operating pressure 7 bar
- Desired max. pressure drop 0.2 bar throughout length of pipe
- Pipe cross-sections in mm (inner diameter) (DN)

Compressed air distribution with ring line

Delivery volume of compressor [l/min]	Length [m]						
	25	50	100	150	200	250	300
200	12	12	12	12	12	15	15
400	12	12	15	15	18	18	18
500	12	15	15	18	18	18	22
750	15	15	18	22	22	22	22
1000	15	18	22	22	25	25	25
1500	18	22	25	25	32	32	32
2000	22	22	25	32	32	32	32
3000	22	32	32	32	40	40	40
4000	28	32	32	40	40	40	40

Example 1: With a compressor capacity of **1000 l/min** and a ring line of **200 metres** you will need a pipe cross-section of **DN 25**.

Example 2: With a compressor capacity of **400 l/min** and a ring line of **50 metres** you will need a pipe cross-section of **DN 12**.

Compressed air distribution with stub line

Delivery volume of compressor [l/min]	Length [m]						
	25	50	100	150	200	250	300
200	12	12	12	15	15	15	18
400	12	15	18	18	18	22	22
500	15	15	18	22	22	22	22
750	15	18	22	22	25	25	25
1000	18	22	25	25	32	32	32
1500	22	25	32	32	32	32	40
2000	22	25	32	32	40	40	40
3000	32	32	40	40	40	40	40
4000	32	32	40	40	63	63	63

Example 1: With a compressor capacity of **1000 l/min** and a stub line of **200 metres** you will need a pipe cross-section of **DN 32**.

Example 2: With a compressor capacity of **400 l/min** and a stub line of **50 metres** you will need a pipe cross-section of **DN 15**.

Airflow piping system

The smart connector system from AIRKO. From 12 mm to 22 mm.



Item name	Illustration	Order no.	EAN code
Airflow pipe TR 12/9 wswLT roll (100 m)	1	429.026	9009261290268
Airflow pipe TR 15/12 wswLT roll (100 m)		429.030	9009261290305
Airflow pipe TR 18/14 wswLT roll (100 m)		429.034	9009261290343
Airflow pipe TR 22/18 wswLT roll (100 m)		429.038	9009261290381
Airflow pipe TR 28/23 wswLT roll (50 m)		429.516	9009261295164
Airflow pipe TR 15/12 hswLT bar (3 m)		429.028	9009261290282
Airflow pipe TR 18/14 hswLT bar (3 m)		429.032	9009261290329
Airflow pipe TR 22/18 hswLT bar (3 m)		429.036	9009261290367
Airflow pipe TR 28/23 hswLT bar (3 m)		429.517	9009261295171
Airflow aluminium pipe 15 mm coated on inside (3 m)		429.022	9009261290220
Airflow aluminium pipe 22 mm coated on inside (3 m)		429.024	9009261290244
Airflow aluminium pipe 28 mm coated on inside (3 m)		429.039	9009261290398
Plastic diaphragm WSK G 1/2"	2	429.044	9009261290442
Aluminium diaphragm 1/2"	3	429.042	9009261290428
Sealing plug 1/2" for diaphragm		429.040	9009261290404
Diaphragm Ms 15 mm x 1/2"	4	429.046	9009261290466
Diaphragm Ms 22 mm x 3/4"		429.048	9009261290480
Connector G12	5	429.004	9009261290046
Connector G15		429.006	9009261290060
Connector G18		429.008	9009261290084
Connector G22		429.010	9009261290107
Connector G28		429.514	9009261295140
Connector GE12R3/8	6	429.014	9009261290145
Connector GE12R1/2		429.012	9009261290121
Connector GE15R1/2		429.016	9009261290169
Connector GE18R1/2		429.018	9009261290183
Connector GE22R3/4		429.020	9009261290206
Connector GE28 1"		429.021	9009261290213
Screw-in connector MS 15 mm 1/2"	7	429.000	9009261290008
Screw-in connector MS 22 mm 3/4"		429.002	9009261290022
Screw-in connector MS 28 mm 3/4"		429.518	9009261295188
Screw-in connector MS 28 mm 1"		429.519	9009261295195
Right-angle connector W12		429.096	9009261290961
Right-angle connector W15	8	429.098	9009261290985
Right-angle connector W18		429.100	9009261291005
Right-angle connector W22		429.102	9009261291029
Right-angle connector W28		429.510	9009261295102
T-connector T12	9	429.084	9009261290848
T-connector T15		429.086	9009261290862
T-connector T18		429.088	9009261290886
T-connector T22		429.090	9009261290909
T-connector T28		429.508	9009261295089
Connector TR 18/18/15	10	429.092	9009261290923
Connector TR 22/15/22		429.094	9009261290947
Pipe connection RSZ12 R3/8	11	429.064	9009261290640
Pipe connection RSZ12 R1/2		429.062	9009261290626
Pipe connection RSZ15 R3/8		429.068	9009261290688
Pipe connection RSZ15 R1/2		429.066	9009261290664
Pipe connection RSZ18 R1/2		429.070	9009261290701
Pipe connection RSZ22 R1/2		429.072	9009261290725
Pipe connection RSZ22 R3/4		429.074	9009261290749
Screw-in fitting MS 15 mm 1/2"	12	429.054	9009261290541
Screw-in fitting MS 22 mm 3/4"		429.056	9009261290565
Screw-in fitting MS 28 mm 3/4"		429.520	9009261295201
Screw-in fitting MS 28 mm 1"		429.521	9009261295218

Airflow piping system

The smart connector system from AIRKO. From 12 mm to 22 mm.



Item name	Illustration	Order no.	EAN code
Screw-on fitting MS 15 mm 1/2"	13	429.050	9009261290503
Screw-on fitting MS 22 mm 3/4"		429.052	9009261290527
Plug-in connector W 15	14	429.058	9009261290589
Plug-in connector W 22		429.060	9009261290602
Reducing plug-in fitting G12RS15	15	429.076	9009261290763
Reducing plug-in fitting G15RS22		429.080	9009261290800
Reducing plug-in fitting G15RS18		429.078	9009261290787
Reducing plug-in fitting G18RS22		429.082	9009261290824
Reducing plug-in fitting G15RS28		429.513	9009261295133
Reducing plug-in fitting G22RS28		429.512	9009261295126
Sealing plug VST12	16	429.108	9009261291081
Sealing plug VST15		429.110	9009261291104
Sealing plug VST18		429.112	9009261291128
Sealing plug VST22		429.114	9009261291142
Sealing plug VST28		429.522	9009261295225
Pipe clamp RK12	17	429.120	9009261291203
Pipe clamp RK15		429.122	9009261291227
Pipe clamp RK18		429.124	9009261291241
Pipe clamp RK22		429.126	9009261291265
Pipe clamp RK28		429.523	9009261295232
Ball valve, female/female thread IG/IG 1/2"	18	426.066	9009261291043
Ball valve, female/female thread IG/IG 3/4"		426.052	9009261291067
Airflow shears – 28 mm	19	429.118	9009261291180
Spare blades x 2 – 28 mm	20	429.116	9009261291166
Water separator 22 mm / T-piece	21	429.128	9009261291289
Protective cap 15 mm	22	429.130	9009261291302
Protective cap 22 mm		429.132	9009261291326
Circlip 15 mm	23	429.134	9009261291340
Circlip 18 mm		429.138	9009261291388
Circlip 22 mm		429.136	9009261291364

Pneumatic accessories

Hose lines with that little extra. From AIRKO.

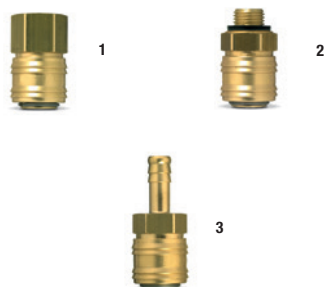


Item name	Illustration	Hose length [m]	Diameter [mm]	Maximum pressure [bar]	Order no.	EAN code
PVC compressed air hose – transparent with fabric inlay, roll	1	50	12 x 6	10	447.306	9009261473067
PVC hose set – transparent with fabric inlay, complete		10	12 x 6	10	447.324	9009261473241
PVC hose set – transparent with fabric inlay, complete		20	12 x 6	10	447.328	9009261473289
PVC compressed air hose – transparent with fabric inlay, roll		50	14 x 8	10	447.302	9009261473029
PVC hose set – transparent with fabric inlay, complete		10	14 x 8	10	447.332	9009261473326
PVC hose set – transparent with fabric inlay, complete		20	14 x 8	10	447.336	9009261473364
PVC compressed air hose – transparent with fabric inlay, roll		50	16 x 10	10	447.304	9009261473043
PVC compressed air hose – transparent with fabric inlay, roll		50	19 x 13	10	447.300	9009261473005
Rubber hose set – oil-resistant with fabric inlay, complete	2	10	14 x 6	20	447.316	9009261473166
Rubber hose set – oil-resistant with fabric inlay, complete		20	14 x 6	20	447.320	9009261473203
Rubber hose set – oil-resistant with fabric inlay, complete		10	19 x 10	20	447.340	9009261473401
Rubber hose set – oil-resistant with fabric inlay, complete		20	19 x 10	20	447.344	9009261473449
Rubber compressed air hose – oil-resistant with fabric inlay, roll	3	50	19 x 10	20	447.308	9009261473081
Rubber compressed air hose – oil-resistant with fabric inlay, roll		50	21 x 13	20	447.310	9009261473104
Rubber compressed air hose – oil-resistant with fabric inlay, roll		50	25 x 16	20	447.312	9009261473128
Rubber compressed air hose – oil-resistant with fabric inlay, roll		50	29 x 19	20	447.314	9009261473142
Hose coil with swivel joint and bend protection, complete	4	5	8 x 6	10	447.348	9009261473487
Hose coil with swivel joint and bend protection, complete		10	8 x 6	10	447.352	9009261473524
Hose coil with swivel joint and bend protection, complete		15	8 x 6	10	447.356	9009261473562
PU hose coil – with swivel joint and bend protection, complete	5	12	9.5 x 6.5	15	447.360	9009261473609
PU hose coil – with swivel joint and bend protection, complete		15	12 x 8	15	447.362	9009261473623
PU hose set – reinforced and oil-resistant, complete	6	20	12 x 8	15	447.370	9009261473708
Hose reel with PU hose – rotatable, with hand crank, oil-resistant	7	30	12 x 8	15	447.372	9009261473722
Automatic hose reel for wall and ceiling mounting	8	15	15 x 10	15	447.367	9009261473678
Automatic hose retractor with reinforced PU hose, oil-resistant	9	30	13 x 9.5	20	447.368	9009261473685

* Subject to technical modifications.

Pneumatic accessories

Plug in and you're ready to go – with AIRKO.



Item name	Illustration	Order no.	EAN code
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EURO-NORM coupling with brass valve body, one-handed operation and max. flow capacity of 1500 l/min

Coupling, female thread 1/4	1	426.076	9009261260766
Coupling, female thread 3/8		426.078	9009261260780
Coupling, female thread 1/2		426.074	9009261260742
Coupling, male thread 1/4	2	400.952	9009261009523
Coupling, male thread 3/8		400.954	9009261009547
Coupling, male thread 1/2		400.950	9009261009509
Coupling ST 6 mm	3	426.080	9009261260803
Coupling ST 8 mm		426.082	9009261260827
Coupling ST 9 mm		426.084	9009261260841
Coupling ST 10 mm		426.086	9009261260865
Coupling ST 13 mm		426.088	9009261260889

Premium industrial coupling with ultra-flow steel valve body and max. flow capacity of 2800 l/min














Professional steel coupling, female thread 1/2"	4	426.096	9009261240966
Professional steel coupling, female thread 1/4"		426.098	9009261240980
Professional steel coupling, female thread 3/8"		426.100	9009261240102
Professional steel coupling, male thread 1/2"	5	400.956	9009261009563
Professional steel coupling, male thread 1/4"		400.958	9009261009587
Professional steel coupling, male thread 3/8"		400.960	9009261009600

Plug-in nipple, female thread 1/8	6	426.162	9009261261626
Plug-in nipple, female thread 1/4		426.160	9009261261602
Plug-in nipple, female thread 3/8		426.164	9009261261640
Plug-in nipple, female thread 1/2		426.158	9009261261589
Plug-in nipple, male thread 1/8	7	426.156	9009261261565
Plug-in nipple, male thread 1/4		426.150	9009261261503
Plug-in nipple, male thread 3/8		426.152	9009261261527
Plug-in nipple, male thread 1/2		426.154	9009261261541
Plug-in nozzle 6 mm	8	426.170	9009261261701
Plug-in nozzle 8 mm		426.172	9009261261725
Plug-in nozzle 9 mm		426.174	9009261261749
Plug-in nozzle 10 mm		426.166	9009261261664
Plug-in nozzle 13 mm		426.168	9009261261688

Threaded nozzle, female thread 1/4 – 6 mm	9	426.144	9009261261442
Threaded nozzle, female thread 1/4 – 9 mm		426.138	9009261261381
Threaded nozzle, female thread 3/8 – 6 mm		426.146	9009261261466
Threaded nozzle, female thread 3/8 – 9 mm		426.148	9009261261480
Threaded nozzle, female thread 3/8 – 13 mm		426.060	9009261260605
Threaded nozzle, female thread 1/2 – 6 mm		426.136	9009261261367
Threaded nozzle, female thread 1/2 – 9 mm		426.140	9009261261404
Threaded nozzle, female thread 1/2 – 13 mm		426.142	9009261261428
Threaded nozzle, male thread 1/4 – 6 mm		426.126	9009261261268
Threaded nozzle, male thread 1/4 – 9 mm		426.128	9009261261282

Pneumatic accessories

Plug in and you're ready to go – with AIRKO.

Item name	Illustration	Order no.	EAN code	
				
Threaded nozzle, male thread 3/8 – 6 mm	13	426.132	9009261261329	
Threaded nozzle, male thread 3/8 – 9 mm		426.134	9009261261343	
Threaded nozzle, male thread 3/8 – 13 mm		426.130	9009261261305	
Threaded nozzle, male thread 1/2 – 6 mm		426.122	9009261261220	
Threaded nozzle, male thread 1/2 – 9 mm		426.124	9009261261244	
Threaded nozzle, male thread 1/2 – 13 mm		426.120	9009261261206	
				
Ball valve, female/female thread 1/4	14	426.062	9009261260629	
Ball valve, female/female thread 3/8		400.946	9009261009464	
Ball valve, female/female thread 1/2		426.040	9009261260407	
Ball valve, female/male thread 1/2	15	400.944	9009261009440	
				
2-way distributor, female thread 3/8 with coupling	16	426.254	9009261262548	
2-way distributor, female thread 1/2 with coupling	17	426.250	9009261262500	
3-way distributor, female thread 3/8 with coupling		17	426.256	9009261262562
3-way distributor, female thread 1/2 with coupling	18	426.252	9009261262524	
2-way distributor block complete	18	426.258	9009261262586	
				
Hose connector Y 6 mm	19	426.022	9009261260223	
Hose connector Y 8 mm		426.024	9009261260247	
Hose connector Y 10 mm		426.026	9009261260261	
				
Hose connector GS 4 mm	20	426.028	9009261260285	
Hose connector GS 6 mm		426.030	9009261260308	
Hose connector GS 8 mm		426.032	9009261260322	
Hose connector GS 10 mm		426.034	9009261260346	
				
Hose connector T 6 mm	21	426.016	9009261260162	
Hose connector T 8 mm		426.018	9009261260186	
Hose connector T 10 mm		426.020	9009261260209	
				
Hose connector 6 mm	22	426.092	9009261260926	
Hose connector 9 mm		426.094	9009261260940	
Hose connector 13 mm		426.090	9009261260902	
				
Hose clamp 8–16 mm	23	426.038	9009261260384	
Hose clamp 13–20 mm		426.036	9009261260360	
				
Hose clips for outside 5–7 mm	24	426.000	9009261260001	
Hose clips for outside 7–9 mm		426.002	9009261260025	
Hose clips for outside 9–11 mm		426.004	9009261260049	
Hose clips for outside 11–13 mm		426.006	9009261260063	
Hose clips for outside 13–15 mm		426.008	9009261260087	
Hose clips for outside 15–18 mm		426.010	9009261260100	
Hose clips for outside 17–20 mm		426.012	9009261260124	
Hose clips for outside 20–23 mm		426.014	9009261260148	
				
Double nipple 1/8	25	426.104	9009261261046	
Double nipple 1/4		400.882	9009261008825	
Double nipple 3/8		426.102	9009261261022	
Double nipple 1/2		400.874	9009261008740	
				
Reducing double nipple 1/4 – 1/8	26	426.180	9009261261800	
Reducing double nipple 3/8 – 1/8		426.184	9009261261848	
Reducing double nipple 3/8 – 1/4		426.182	9009261261824	
Reducing double nipple 1/2 – 3/8		426.178	9009261261787	
Reducing double nipple 1/2 – 1/4		426.176	9009261261763	

Pneumatic accessories

Plug in and you're ready to go – with AIRKO.



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28



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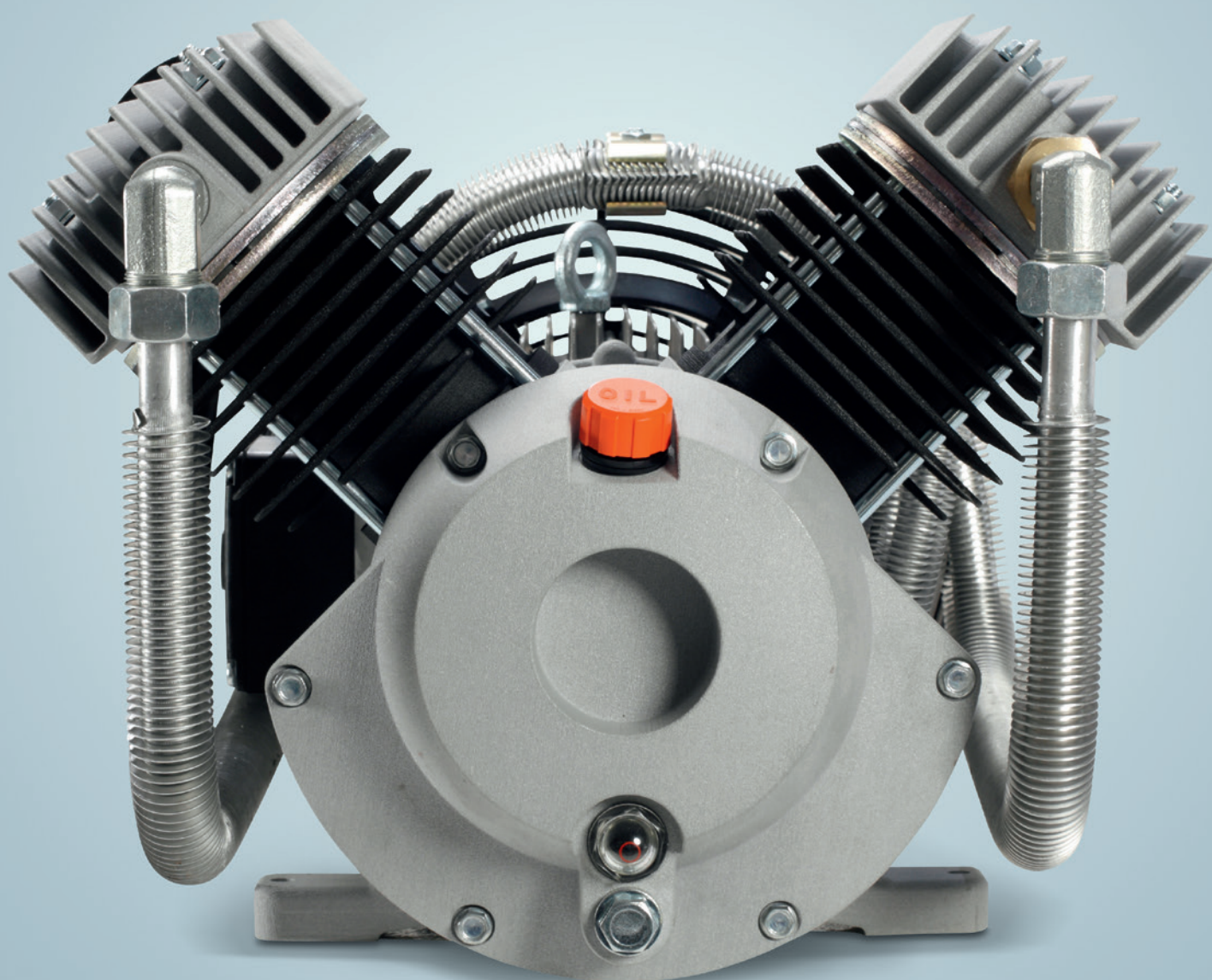


33

Item name	Illustration	Order no.	EAN code
Reduction nipple with 1/8 male thread / 1/8 female thread	27	426.210	9009261262104
Reduction nipple with 1/8 male thread / 1/4 female thread		400.678	9009261006784
Reduction nipple with 1/4 male thread / 1/8 female thread		426.212	9009261262128
Reduction nipple with 1/4 male thread / 1/4 female thread		426.194	9009261261947
Reduction nipple with 1/4 male thread / 3/8 female thread		426.200	9009261262005
Reduction nipple with 3/8 male thread / 1/4 female thread		426.198	9009261261985
Reduction nipple with 3/8 male thread / 3/8 female thread		426.214	9009261262142
Reduction nipple with 3/8 male thread / 1/2 female thread		400.992	9009261009921
Reduction nipple with 1/2 male thread / 3/8 female thread		426.206	9009261262067
Reduction nipple with 1/2 male thread / 1/2 female thread		426.208	9009261262081
Reduction with 1/4 male thread / 1/8 female thread	28	400.994	9009261009945
Reduction with 3/8 male thread / 1/8 female thread		426.204	9009261262043
Reduction with 3/8 male thread / 1/4 female thread		426.196	9009261261961
Reduction with 1/2 male thread / 1/4 female thread		426.202	9009261262029
Reduction with 1/2 male thread / 3/8 female thread		400.996	9009261009969
Reduction with 3/4 male thread / 1/2 female thread		400.676	9009261006760
T-piece with male thread 1/4	29	401.100	9009261011009
T-piece with male thread 3/8		426.216	9009261262166
T-piece with male thread 1/2		426.218	9009261262180
Sleeve with hexagon head G 1/8	30	426.188	9009261261886
Sleeve with hexagon head G 1/4		426.192	9009261261923
Sleeve with hexagon head G 3/8		426.190	9009261261909
Sleeve with hexagon head G 1/2		426.186	9009261261862
Ball valve G 1/8	31	426.056	9009261260568
Ball valve G 1/4		426.046	9009261260469
Ball valve G 3/8		426.054	9009261260544
Ball valve G 1/2		426.066	9009261260667
Ball valve G 3/4		426.052	9009261260520
Ball valve G 1		426.064	9009261260643
Ball valve G 1 1/4		426.044	9009261260445
Ball valve G 1 1/2		426.042	9009261260421
Ball valve G 2		426.048	9009261260483
Ball valve G 2 1/2		426.058	9009261260582
Ball valve G 3		426.050	9009261260506
Condensate drain valve G 1/8	32	426.300	9009261263002
Condensate drain valve G 1/4		426.298	9009261262982
Condensate drain valve G 3/8		400.940	9009261009402
Condensate drain valve G 1/2		400.942	9009261009426
Compressor oil 0.5 litres for SILKO 150,200	33	426.274	9009261262746
Oil for piston compressor 1 litre		447.212	9009261472121
Oil for piston compressor food H1 1 litre		447.213	9009261472138
Special compressor oil 1 litre for sub-zero temperatures		447.218	9009261472183
Oil for compressed air oiler 1 litre		447.220	9009261472206

Reciprocating compressors

The AIRKO modular construction system.



Reciprocating compressors

Direct-driven industrial professionals: oil-lubricated.

Tough in action. Economical in performance.

AIRKO, AIRKO-N and AIRKO-H industrial compressors are air-cooled, single- or two-stage compressors with direct drive. They completely meet the high standards required by the industry category in all respects:

- Tried and tested construction.
- A versatile range of applications in filling stations, workshops and factories as well as individually adjustable energy sources for operating machines and systems requiring compressed air.
- Tried and tested thousands of times under the toughest conditions (such as at extremely low temperatures when used in snow cannons).

m³/min	0.17–1.24
bar	10–20
KW	1.5–7.6
Drive	Direct drive
Oil-lubricated	Yes

AIRKO 239
AIRKO 309



AIRKO 469
AIRKO 609



AIRKO 279
AIRKO 559
AIRKO 759



Model	Max. over-pressure bar(g)	Intake volume		Actual delivery volume		Drive power [kW]	Cooling air volume flow [m ³ /h]	Nominal voltage [Volt]	Protection class	No. of stages [piece]	Rpm [min ⁻¹]	Connection pressure pipe	Noise level with/without box ** [dB(A)]
		[l/min]	[m ³ /h]	[l/min]	[m ³ /h]								
Reciprocating compressor up to 10 bar – single-stage													
AIRKO 309	10	310	18.6	190	11.4	1.5	540	230/400	IP 54	1	1450	22 x 1.5	76/65
AIRKO 469	10	475	28.5	311	18.7	2.2	540	230/400	IP 54	1	1450	26 x 1.5	77/66
AIRKO 609	10	620	37.2	423	25.4	3	730	230/400	IP 54	1	1450	26 x 1.5	77/67
Reciprocating compressor up to 10 bar – two-stage													
AIRKO-N 279	10	280	16.8	217	13.0	1.5	510	230/400	IP 54	2	1450	26 x 1.5	74/61
AIRKO-N 559	10	565	33.9	462	27.7	3	990	400/690	IP 54	2	1450	30 x 2	79/67
AIRKO-N 759	10	765	45.9	620	37.2	3.8	1320	400/690	IP 54	2	1450	30 x 2	79/67
Reciprocating compressor up to 15 / 20 bar													
AIRKO-H 309	15	310	18.6	170	10.2	1.5	540	230/400	IP 54	1	1450	22 x 1.5	77/66
AIRKO-H 279	15	280	16.8	203	12.2	1.5	510	230/400	IP 54	2	1450	26 x 1.5	74/61
AIRKO-HH 279	20	280	16.8	181	10.9	1.5	510	230/400	IP 54	2	1450	26 x 1.5	74/61
AIRKO-H 559	15	565	33.9	403	24.2	3	990	400/690	IP 54	2	1450	30 x 2	79/67
AIRKO-H 759	15	765	45.9	527	31.6	3.8	1320	400/690	IP 54	2	1450	30 x 2	79/67

* Actual delivery quantity measured in continuous operation according to VDMA-4362 of the German Mechanical Engineering Industry Association. At 8 bar(g), for 15 bar(g) variant measured at 12 bar(g).
** Noise level according to DIN 45635 Part 13, at a distance of 1 metre. Subject to technical modifications.

Professional technology in the new AIRKO Power Design:

- Heavily ribbed cylinders constructed of high-quality grey cast iron and cylinder heads constructed of die-cast aluminium
- Aluminium finned tube aftercooler pipe in the cooling airflow
- Powerful cast-iron axial fans
- Needle bearing in the two connecting rod eyes
- Brand-name pressure switch with operating hours counter as standard (for version on tank)
- Highly efficient, large-dimensioned intake filter and replaceable filter element
- Energy-saving, premium-quality IP 54 motor, with class F protection



Effective intake filters, of generous dimensions



Powerful cast iron axial fans



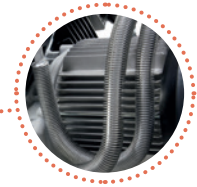
Needle bearing in both connecting rod eyes



Heavily ribbed grey cast iron cylinders for a long service life



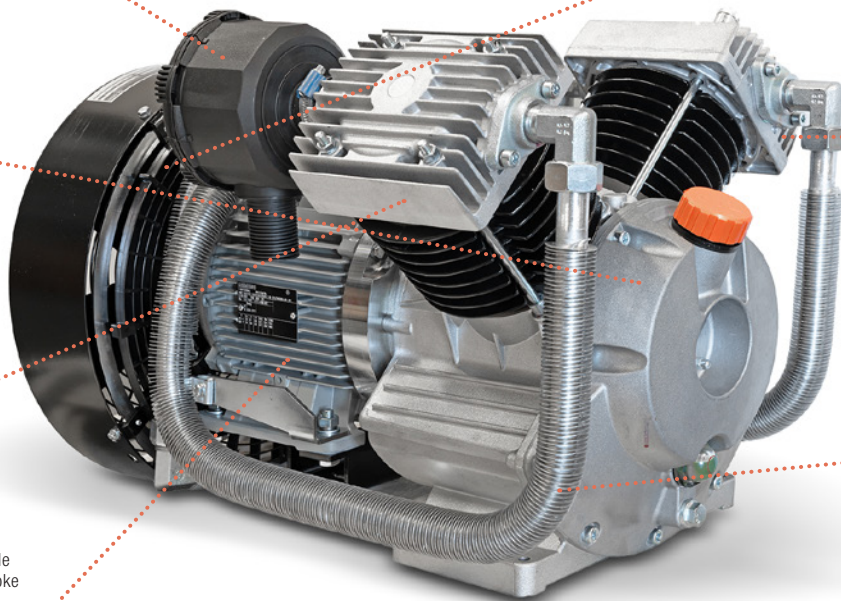
Valve plates (Hörbiger) made of high-quality steel with stroke limiter and a long service life



Aluminium finned tube aftercooler pipe in the cooling airflow



Robust, **premium-quality IP 54 energy-saving motor** with 1,450 rpm for a long service life and low operating costs



Reciprocating compressors

Direct-driven industrial professionals: oil-free.



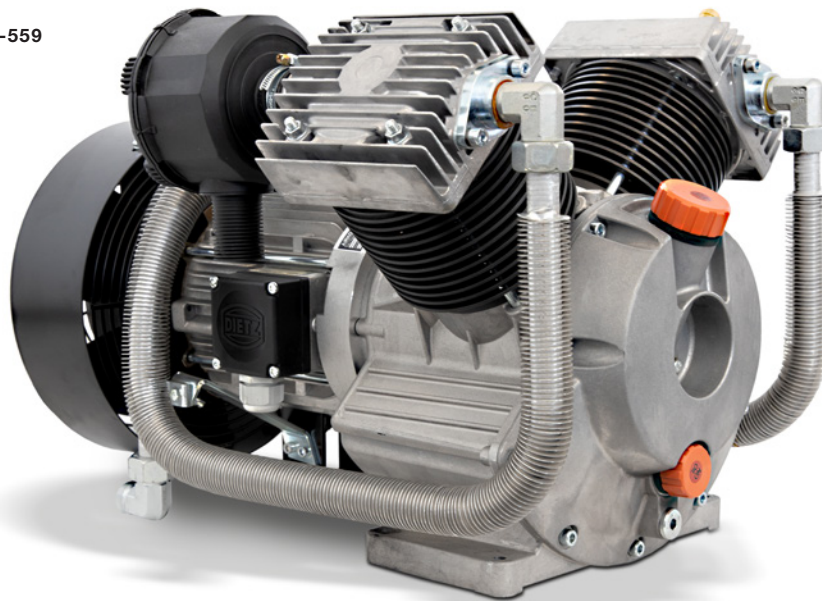
100% oil-free. For more sensitive operations.

The oil-free industrial compressors AIRKO-O are air-cooled, two-stage compressors with direct drive. They meet the high standards required by the industrial category for oil-free operation in all respects.

- Tried and tested construction.
- A versatile range of applications in industry where there is a high demand for "clean" compressed air without any contamination through oil.
- Ideally suited to sensitive operations such as in medical technology, food technology and drinking water supply, to name but a few.

m³/min	0.15–1.17
bar	7–10
KW	1.5–7.6
Drive	Direct drive
Oil-free	Yes

AIRKO O-559



Model	Max. over-pres- sure bar(g)	Intake volume		Actual delivery volume		Drive power [kW]	Cooling air volume flow [m ³ /h]	Nominal voltage [Volt]	Protection class	No. of stages [piece]	Rpm [min ⁻¹]	Connection pressure pipe	Noise level with/without box ** [dB/A]
		[l/min]	[m ³ /h]	[l/min]	[m ³ /h]								
Oil-free reciprocating compressor													
AIRKO-O 239	7	240	14.4	150	9.0	1.5	470	230/400	IP 54	1	1450	22 x 1.5	75/62
AIRKO-O 279	10	280	16.8	212	12.7	1.5	510	230/400	IP 54	2	1450	26 x 1.5	74/61
AIRKO-O 559	10	565	33.9	457	27.4	3	990	400/690	IP 54	2	1450	30 x 2	79/67
AIRKO-O 759	10	765	45.9	587	35.2	3.8	1320	400/690	IP 54	2	1450	30 x 2	79/67

* Actual delivery quantity measured in continuous operation according to VDMA-4362 of the German Mechanical Engineering Industry Association. At 8 bar(g), for 15 bar(g) variant measured at 12 bar(g).

** Noise level according to DIN 45635 Part 13, at a distance of 1 metre. Subject to technical modifications.



Oil-free technology in the new AIRKO Power Design:

- Heavily ribbed cylinders constructed of high-quality aluminium and cylinder heads constructed of die-cast aluminium
- Cylinders provided with a special wear-resistant coating
- Pistons provided with Teflon coating and Teflon piston rings
- Stainless steel valve plate
- Bearings with synthetic, high-temperature lubricant
- Aluminium finned tube aftercooler pipe in the cooling airflow
- Connection bracket with zinc/nickel coating
- Powerful cast-iron axial fans
- Branded pressure switch with operating hours counter as standard (for version on tank)
- Highly efficient, large-dimensioned intake filter and replaceable filter element
- Energy-saving, premium-quality IP 54 motor, with class F protection
- Standard galvanised compressed air tanks (for version on tank).



Highly efficient intake filter, of large dimensions



Powerful axial fans of cast iron



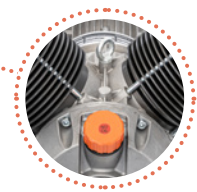
Pistons with Teflon coating and Teflon rings



Connection bracket with zinc/nickel coating



Valve plates of stainless steel (or nickel-plated) with stroke limiter for a long service life



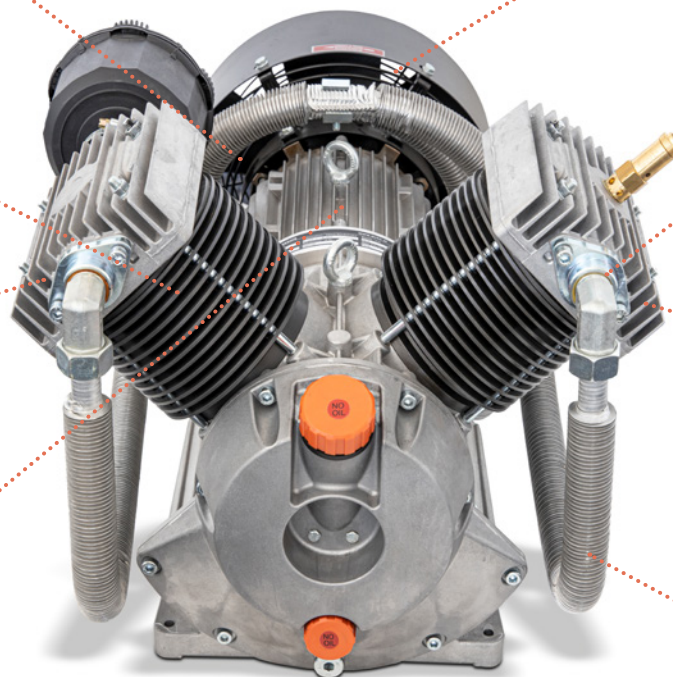
Heavily ribbed aluminium cylinders for optimum cooling and a long service life



Robust premium-quality, energy-saving motor with IP 54 rating and 1,450 rpm for a long service life and low operating costs



Aluminium finned tube aftercooler pipe in the cooling airflow



Reciprocating compressors

Design options.

Units

on base frames

Unit on base frame

Ideal for expanding capacity, for feeding compressed air into existing stations, as a reserve compressor or where space is limited. Supplied with flexible connecting hose, with non-return valve and motor protection switch. Also available with functional and stable sound insulation box.



Available for all models

Model	Dimensions L x W x H [mm]
309 / 239	510 x 360 x 500
469 / 609 / 279	590 x 410 x 485
559	640 x 500 x 585
759	640 x 500 x 595



Model	Dimensions L x W x H [mm]
309 / 239	
469 / 609 / 279	795 x 515 x 650



Model	Dimensions L x W x H [mm]
559 / 759	1010 x 635 x 820

Compressed air systems

with horizontal tank

Unit on horizontal tank

With only minimal installation effort, the ready-to-connect and ready-to-operate compressed air systems can start working immediately; plug and play. All components and equipment necessary for operation are included in the scope of delivery. Also available with functional and stable sound insulation box.



50 litres, stationary

Model	Dimensions L x W x H [mm]
309	950 x 360 x 720
469 / 609	950 x 435 x 710
279	950 x 420 x 710
239	950 x 305 x 760



With 50 litres, mobile

Primus 5000 = 309
Primus 6000 = 469



With 90 litres, mobile

Primus 6002 = 469
Primus 7002 = 609



90 litres, stationary

Model	Dimensions L x W x H [mm]
309	1150 x 380 x 790
469 / 609	1150 x 435 x 780
279	1150 x 420 x 780
239	1150 x 380 x 780



With 90 litres, mobile

Primus 6002 = 469
Primus 7002 = 609



270 litres, stationary

Model	Dimensions L x W x H [mm]
469 / 609	1600 x 600 x 1020
279	1600 x 600 x 1030
559	1600 x 600 x 1110
759	1600 x 600 x 1120



With 200 litres, mobile

Primus 7004 = 609
Primus 8004 = 759



500 litres, stationary

Model	Dimensions L x W x H [mm]
559	2020 x 600 x 1210
759	2020 x 600 x 1220



With 100 litres, mobile

Trailer 6002 = 469
Trailer 7002 = 609

Compressed air systems

with horizontal tank and box



50 litres, stationary

Model	Dimensions L x W x H [mm]
309 / 239	950 x 515 x 880



90 litres, stationary

Model	Dimensions L x W x H [mm]
309 / 239	
469 / 609 / 279	1150 x 515 x 950



270 litres, stationary

Model	Dimensions L x W x H [mm]
469 / 609	1600 x 620 x 1315
279	1600 x 600 x 1180
559 / 759	1600 x 620 x 1315



500 litres, stationary

Model	Dimensions L x W x H [mm]
559 / 759	2020 x 620 x 1415



Compressed air systems

with horizontal tank, box and refrigerant dryer

Front view:



Rear view with refrigerant dryer:



270 litres, stationary

Model	Dimensions L x W x H [mm]
559 / 759	1650 x 860 x 1315

Compressed air twin systems

Two units on a horizontal tank
Ideal in two ways:
– As an expandable system in the event of fluctuating demands for compressed air, or if the demand is set to rise in the near future.
– As a twin unit with double capacity for an increased demand for compressed air, or as a 100% reserve compressor.
Also available with sound insulation box.



300 litres, stationary

Model	Dimensions L x W x H [mm]
309 / 279	1750 x 620 x 975
469 / 609	1750 x 620 x 965
559 / 759	1750 x 660 x 1075



300 litres, stationary

Model	Dimensions L x W x H [mm]
309 / 469	1750 x 795 x 1070
609 / 279	
559	1750 x 1010 x 1300



500 litres, stationary

Model	Dimensions L x W x H [mm]
559 / 759	2020 x 660 x 1175



500 litres, stationary

Model	Dimensions L x W x H [mm]
559 / 759	2020 x 1010 x 1400

Compressed air systems

upright

Unit on an upright tank
Space-saving and completely mounted on a 270-litre tank, ready for connection and immediate operation. Minimum installation effort. All components and equipment required for operation are included in the scope of delivery. Also available with refrigerant dryer and/or sound insulation box.



270 litres, stationary

Model	Dimensions L x W x H [mm]
239 / 279	680 x 780 x 1650
469 / 609	
559 / 759	680 x 780 x 1780



500 litres, stationary

Model	Dimensions L x W x H [mm]
239 / 279	925 x 835 x 1650
469 / 609	
559 / 759	925 x 835 x 1780



270 litres, stationary

Model	Dimensions L x W x H [mm]
559 / 759	700 x 1150 x 1910



500 litres, stationary

Model	Dimensions L x W x H [mm]
559 / 759	800 x 1150 x 2050

Options

Retrofitting the **refrigerant dryer** is extremely simple.



The tank feet can be easily fitted with **anti-vibration elements**.



The **Airkomat attachment kit** (electronic condensate traps) are available for vertical and horizontal tanks.



The systems can also be designed with **galvanised tanks**. **Oil-free systems** are equipped with a **galvanised tank as standard**.



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