

Specs example

Metric specs example

Model	Frequency	Inlet pressure		Outlet pressure	Flow		Installed power
	Hz	bar(g) (min)	bar(g) (max)	bar(g)	Nm ³ /h (min)	Nm ³ /h (max)	kW
GG 90 VSD	50	0.1	0.5	10	130	618	90
				15	84	643	
GG 132 VSD				10	179	1100	132
				15	135	1098	

Text text text text



2 - Atlas Copco industrial piston compressors (example)

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8
1	A	F	A	1	A	1	A
2	B	G	B	2	B	2	B
3	C	H	C	3	C	3	C
4	D	4	D	4	D	4	D
5	E	5	E	5	E	5	E
6	F	6	F	6	F	6	F
7	G	7	G	7	G	7	G
8	H	8	H	8	H	8	H
9	I	9	I	9	I	9	I
10	I	10	J	10	J	10	J





6 - Atlas Copco industrial piston compressors (example)

Test Maarten

Column 1	Column 2	Column 3
10	This is a test	1
	This is a test	2
	This is a test	3
	This is a test	4
20	Test	5
30		6
40	Test	7
	Test	8
50	Hallo	9

Title

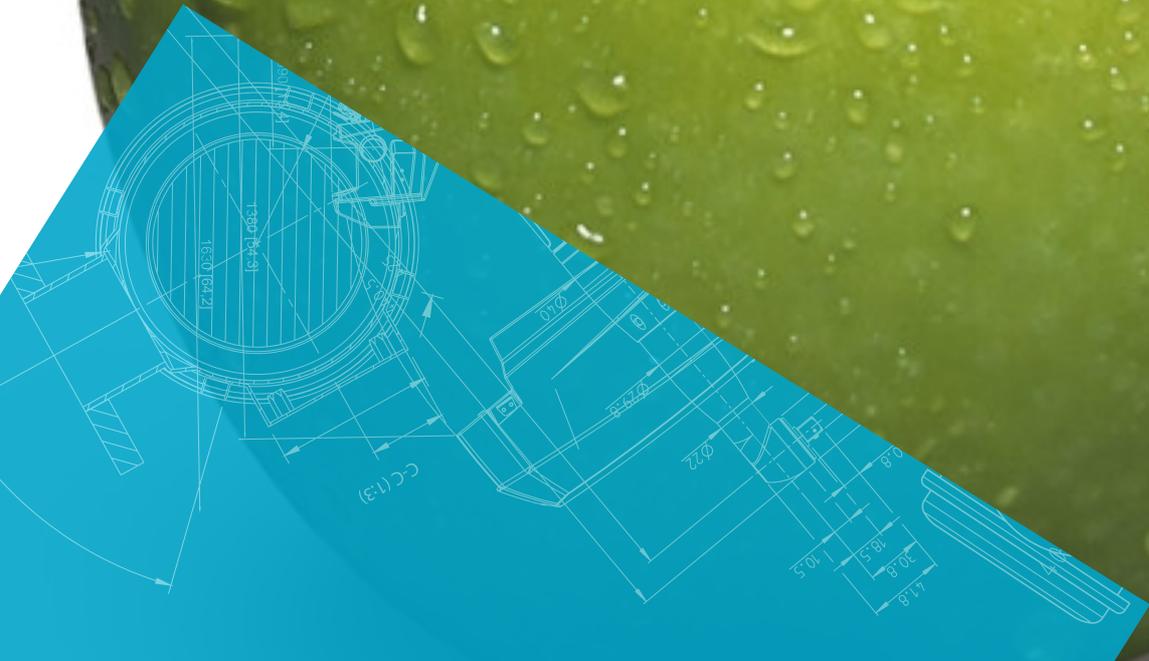
Text



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20	Test	5
30		6
40	Test	7
	Test	8
50	Hallo	9



Atlas Copco



Oil-injected rotary screw compressors

GA 180 – 315 (VSD+)
8 - Atlas Copco industrial piston compressors (example)



Oil-injected rotary screw compressors

GA 180 – 315 (VSD+)



Atlas Copco

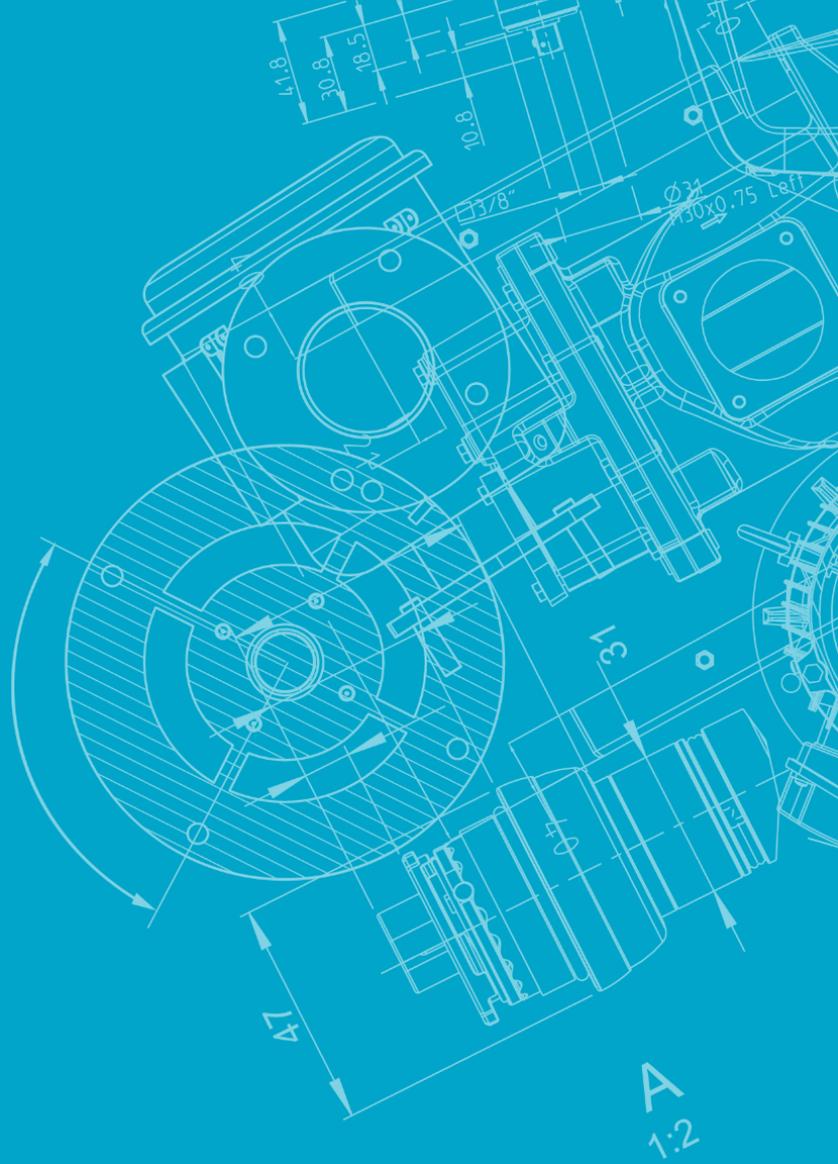
Oil-injected rotary screw compressors

GA 180 – 315 (VSD+)



Oil-injected rotary screw compressors

GA 180 – 315 (VSD+)



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Specs example

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Test for Installation
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Full width table and
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Before / after

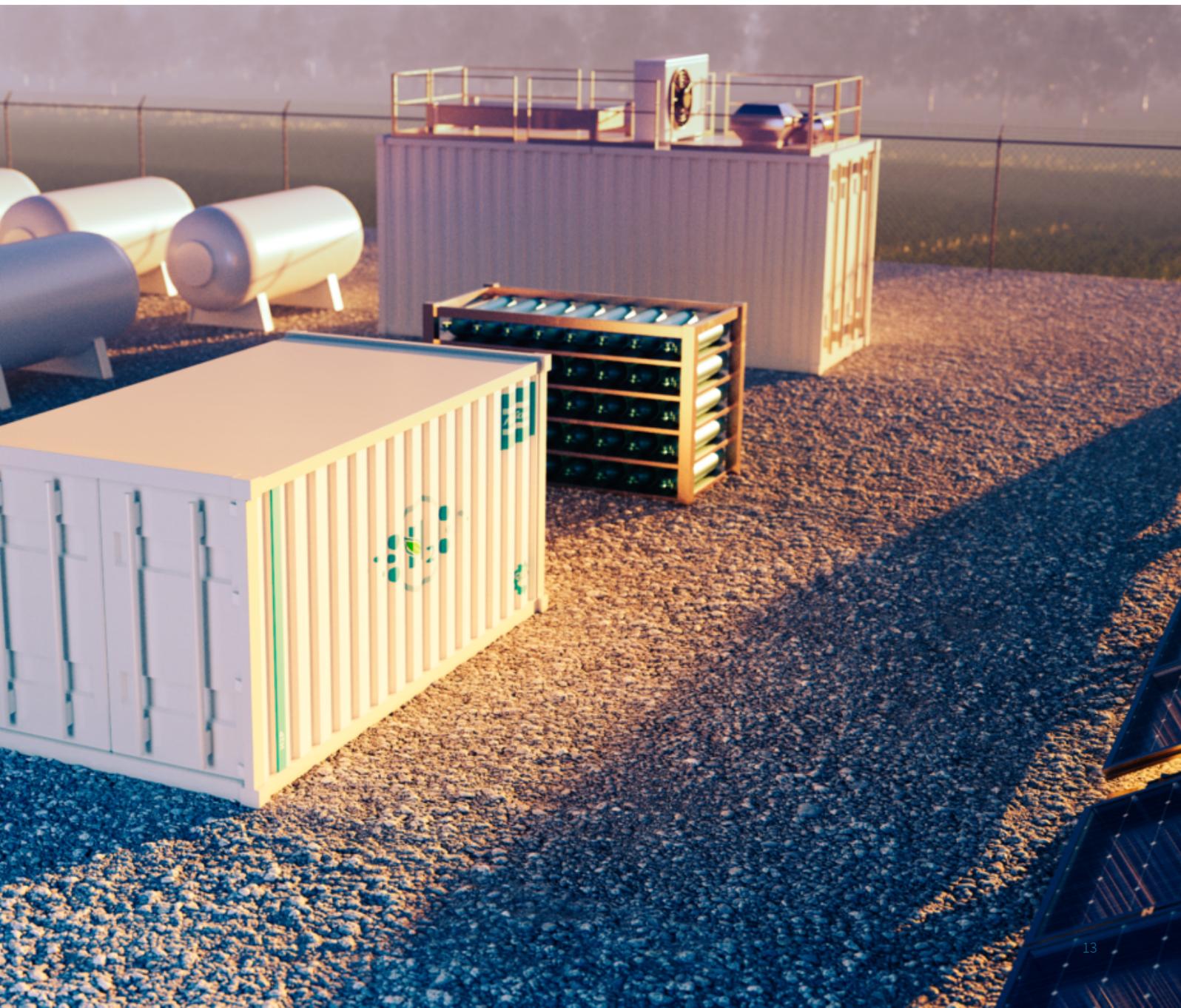
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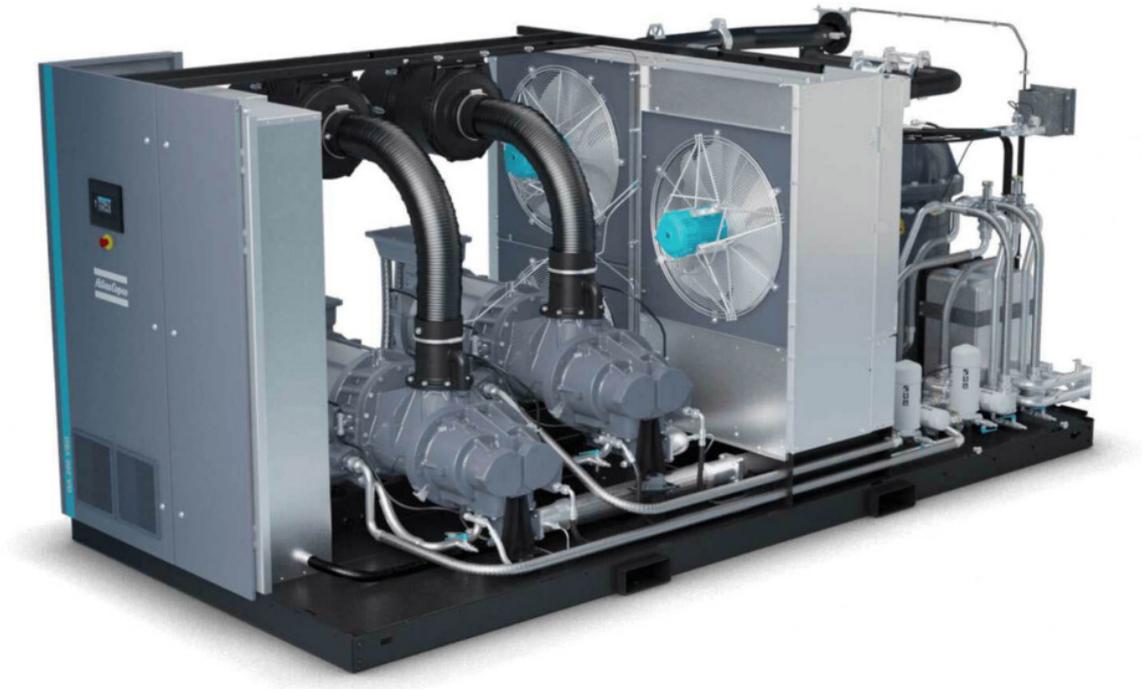
Back cover

Highest reliability, lowest operating costs

The shortest route to maximize your profitability is to minimize your operational costs. With up to 80% of a compressor lifecycle cost coming from the energy it consumes, this should be a clear focus.

Atlas Copco's GA compressors with SmartInjection enabled compression elements and IE4 or better class motors are designed to achieve significant energy savings while providing long and trouble-free life even in the harshest environmental conditions.







Efficiency

At the heart of the GA compressors are state-of-the-art compression elements with SmartInjection technology and high efficiency oil cooled IE4 or better class motors.



Reliability

The GA compressor's drive train is IP66 rated protecting it completely from environmental dust and moisture ensuring it can operate reliably in the toughest conditions and at ambient temperatures up to 55°C/131°F.



Serviceability

Service time is reduced to a minimum with all service parts grouped together for ease of access and, if greater access is required, the patented portal design enables full access to all components.





Air quality

Atlas Copco is unique in being able to provide a complete range of in house designed products perfectly matched to provide clean dry air, optimum performance and Low Life Cycle costs.



Clean air reduces operating costs.

It's important to have high quality air, because contaminated air creates extra costs. It is better to avoid system contamination rather than deal with the consequences such as product spoilage, maintenance costs, replacing pipe work or leakages. Atlas Copco offers a range of quality air solutions.

Start exploring
your VSD.
Go to our virtual
VSD and explore.

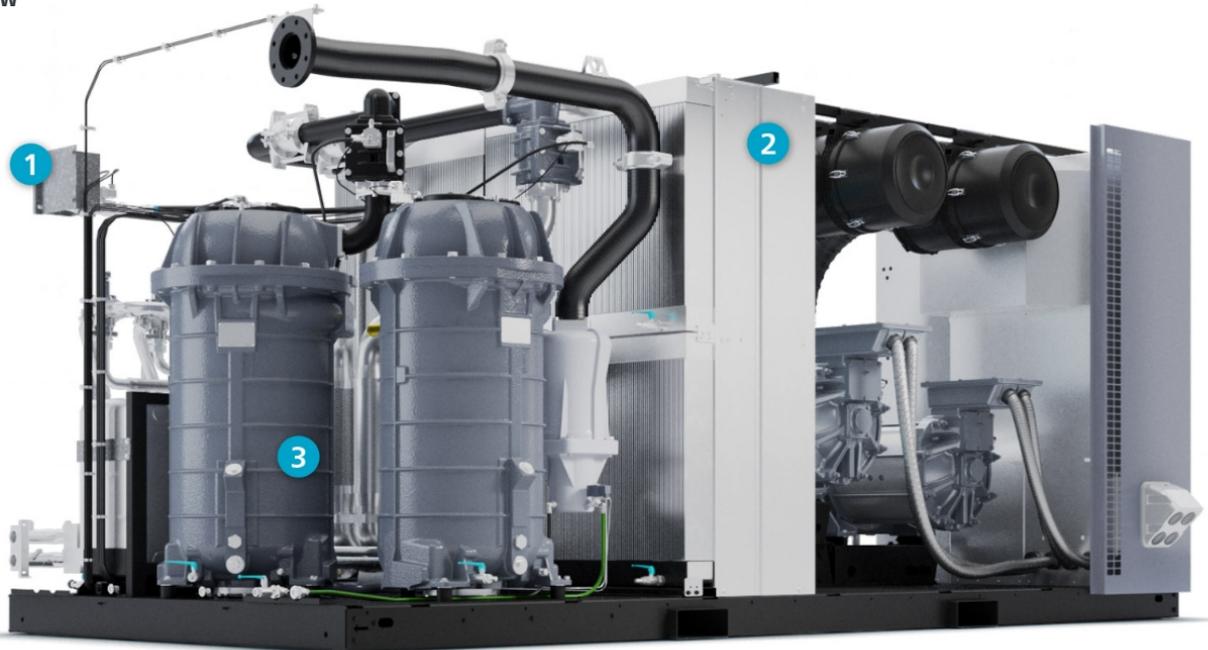


atlascopco.com



GA 180 – 315 (VSD)

FRONT VIEW



BACK VIEW



1 Highly reliable motor

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2 Always Operates reliably

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3 Reduced service time for maximum uptime

Example description lorem ipsum dolor sit

4 Designed to withstand temperatures up to 46° as standard

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5 Up to 78% of energy recovered as hot water

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6 Excellent air quality

Example description lorem ipsum dolor sit

7 Advanced touch screen monitoring system

Example description lorem ipsum dolor sit

8 Example title 7

Example description lorem ipsum dolor sit

Integrated air quality

The GA 180-315 VSD+ is designed to deliver quality air.

- Multiple smaller cartridges simplify and reduce service times and minimize oil carry over.
- The GA full feature comes with an integrated dryer for greater air quality.
- Guaranteed dewpoint of 3°C/37°F
- Continuously monitored dew point.
- New oil separator vessel with filter cartridges.



Air dryers

Our range of air dryers protect your systems and processes in a reliable, energy-efficient and cost-effective way.

Protecting your systems and processes

Treated air helps prevent pipework corrosion, product spoils and premature failure of pneumatic equipment.

Maintaining the quality of your end product

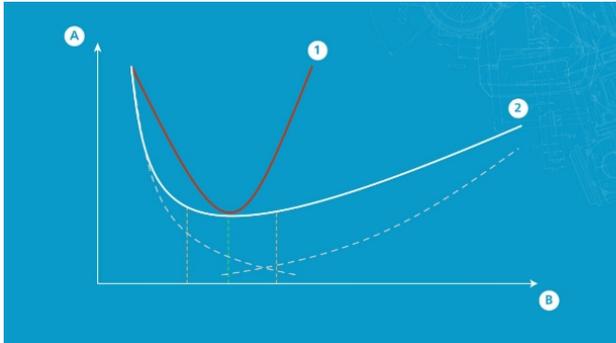
A complete range of products with dew points from +3 to -70 °C to ensure the correct air quality for your application.

Energy-efficient air dryers

All our air dryers are designed to perform in the most energy efficient and environmentally friendly way.

Efficiency

Designed for optimal efficiency. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae fermentum cursus sapien.



Variable Speed Drive (VSD)

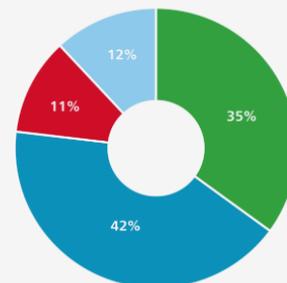
Over 80% of a compressor’s lifecycle cost is taken up by the energy it consumes. Moreover, the generation of compressed air can account for more than 40% of a plant’s total electricity bill. To cut your energy costs, Atlas Copco pioneered Variable Speed Drive (VSD) technology in the compressed air industry. VSD leads to major energy savings, while protecting the environment for future generations. Thanks to continual investments in this technology, Atlas Copco offers the widest range of integrated VSD compressors on the market.

legend

- A** = Losses
- B** = Speed
- 1** = Total losses traditional element
- 2** = Total losses AC element

VSD savings

Atlas Copco’s VSD technology closely follows the air demand by automatically adjusting the motor speed. This results in large energy savings of up to 35%. The Life Cycle Cost of a compressor can be cut by an average of 22%. In addition, lowered system pressure with VSD minimizes energy use across your production dramatically.



legend

- 42** = Energy
- 35** = Energy savings with VSD
- 12** = Investment
- 11** = Maintenance

Elektronikon Mk5 touch

The Elektronikon® unit controller is specially designed to maximize the performance of your compressors and air treatment equipment under a variety of conditions. Our solutions provide you with key benefits such as increased energy efficiency, lower energy consumption, reduced maintenance times and less stress... less stress for both you and your entire air system.



SMARTLINK

Monitor your compressed air installation with SMARTLINK

Knowing the status of your compressed air equipment at all times is the surest way to achieve optimal efficiency and maximum availability.

Go for energy efficiency

Customized reports on the energy efficiency of your compressor room.

Increase uptime

All components are replaced on time, ensuring maximum uptime.

Save money

Early warnings avoid breakdowns and production loss.





Service

Properly caring for your air compressor helps you lower your operating costs and minimizes the risk for unplanned breakdowns or production stops. Atlas Copco offers energy efficiency checks, service, repairs, spare parts and maintenance plans for all air compressors. Entrust your servicing to our expert professionals and ensure your business continues to run efficiently. Our plans cover repairs, preventative maintenance, spare parts, and more.



Designed for serviceability

Ease of maintenance

- Service parts grouped together for ease of access.
- Reduced service time for greater uptime.
- Portable design enables full access to all components.
- All components designed for serviceability.
- Oil cooled motors require no service interventions.





Compressor oils, lubricants and fluids

Every type of compressor and vacuum pump needs a specific oil to achieve maximum uptime, performance and lifetime. Our compressed air fluids and lubricants cover all your needs.

Unique mix of additives

Tailored to the specific needs of your equipment.

Anti-oxidation

The high-quality oil ensures maximum protection.

Prevent foaming

Anti-foaming improves your air quality.

Maximize your resources with a Service Plan

Reduce your total cost of ownership and benefit from optimal performance



Save costs

Optimal maintenance will reduce the operational cost of your compressed air and vacuum system.



Increase operational efficiency

Our maintenance expertise makes life easier when it comes to resource management.



High uptime and performance

Specialist service keeps your equipment running as it should, protecting your investment.



Clean air reduces operating costs.

It's important to have high quality air, because contaminated air creates extra costs. It is better to avoid system contamination rather than deal with the consequences such as product spoilage, maintenance costs, replacing pipe work or leakages. Atlas Copco offers a range of quality air solutions.

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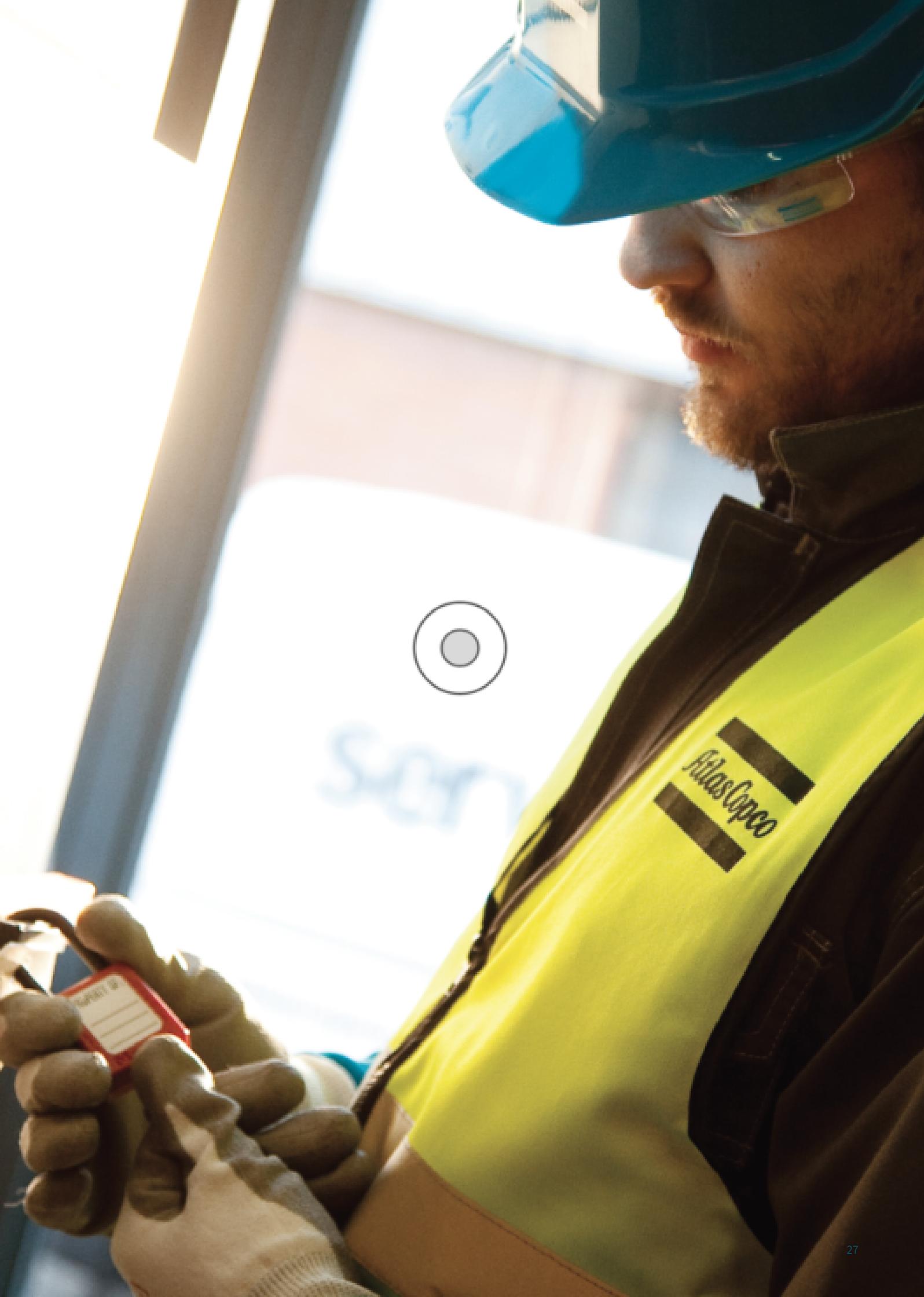
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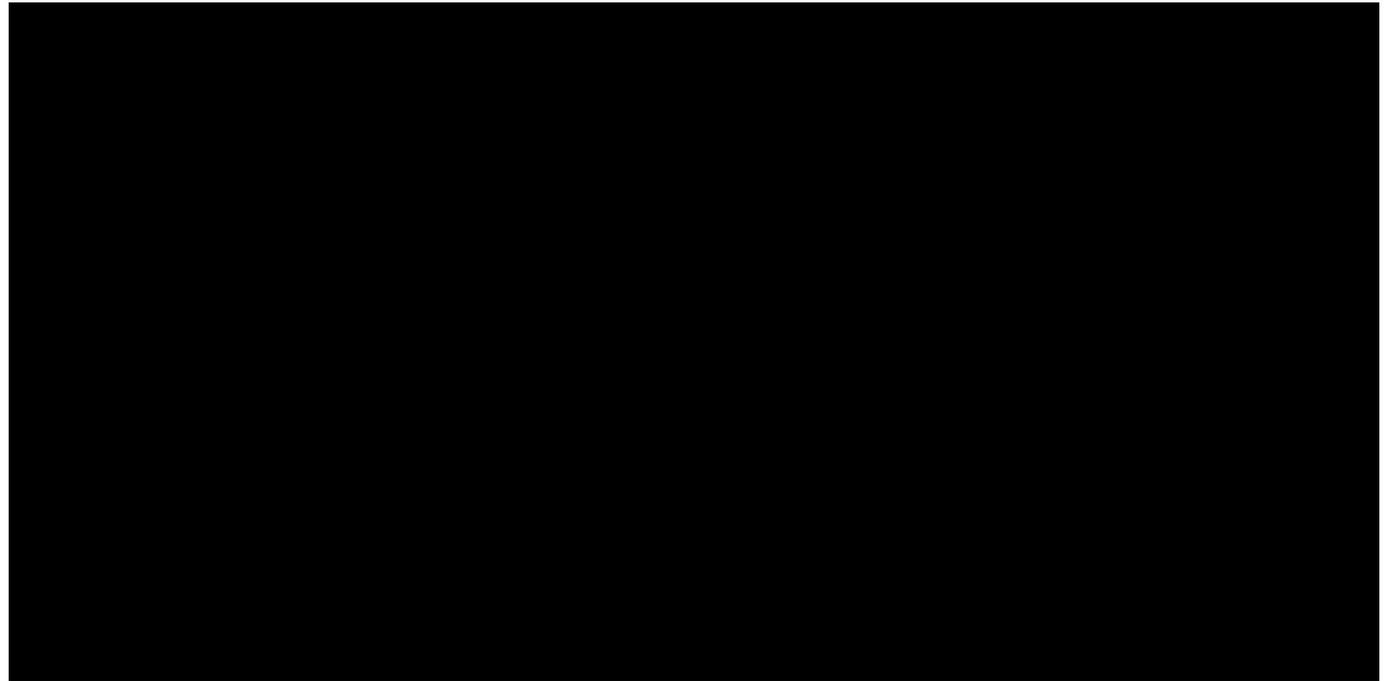
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Technical specifications

GA 180 – 315 (VSD+) (50Hz)

Type	Maximum working pressure				Capacity FAD (1)		
	Standard		Full Feature (3)		Standard / Full Feature (3)		
	bar	psig	bar	psig	l/s	m ³ /min	cfm
GA 180 – 5.5 bar	5.5	80	5.3	77	690	41.4	1462
GA 180 – 7.5 bar	7.5	109	7.3	106	585	35.1	1240
GA 180 – 8.5 bar	8.5	123	8.3	120	558	33.5	1182
GA 180 10 bar	10	145	9.8	142	510	30.6	1081

FAD (1) is measured at the following working pressures:

	Standard
5.5 bar (75 psi) version at	5 bar (73psi)
7.5 bar (100 psi) version at	7 bar (100 psi)
8.5 ba (125 psi) version at	8 bar (125psi)
10 bar (150 psi) version at	9.5 bar (150 psi)

Technical specifications GA 180 – 315 (VSD+) (60Hz)

TYPE	Maximum working pressure				Capacity FAD (1)		
	Standard		Full Feature (3)		Standard / Full Feature (3)		
	bar(e)	psig	bar(e)	psig	l/s	m ³ /min	cfm
GA 180 – 75 psi	5.5	80	5.3	77	622	37.3	1318
GA 180 – 100 psi	7.4	107	7.2	104	596	35.8	1263
GA 180 – 125 psi	9.1	132	8.9	129	536	32.2	1136
GA 180 – 150 psu	10.9	158	10.7	155	479	28.7	1015

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30 - Atlas Copco industrial piston compressors (example)

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3 Highly reliable motor

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4 Always operates reliably

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