



Genesis Series

5,5 to 22 kW



Compressed air at your service



Join the ABAC advantage

Our brand values

ABAC Aria Compressa was founded in 1980 but its compressed air heritage dates back over 60 years. Customer expectations have always driven product development, resulting in a portfolio which fulfills your compressed air needs and offers you the value you are looking for. Additionally, our worldwide presence makes sure we are at your service at all times.

Benefit from these five strong values and team up with ABAC today.

★ Technology leader

With years of experience, ABAC can rely on an extensive technical know-how to provide you with compressed air solutions that get the job done. Understanding the needs of our customers, we lead the compressed air field by example.

★ Recognised quality

You expect quality and reliability from your ABAC compressor. Our production facilities combine history and experience with the latest production methods. We certify and guarantee every product we manufacture to make sure that ABAC is a partner you can rely on.

Air. Anytime. Anywhere.

★ Value for money

As a customer, you want a product that offers you value for money. ABAC does just that, offering a full portfolio of products at a competitive price. With the right mix of flexibility and experience we deliver value at the right price to the industrial, professional and DIY compressed air markets.

★ Extensive network

A vast network of distributors and resellers (over 1000 in more than 100 countries) means that there is always an ABAC representative nearby to provide you with service, support or products. As such, all you need to do is focus on your business, ABAC takes care of the rest.



★ User-friendly design

Developing products with the customer in mind has always been a mainstay of ABAC's philosophy. As a result, ABAC compressors are designed to be easy to use providing you compressed air that is available when and where you need it.

The Reference workstation

The legendary Genesis, that's a truly plug & play solution for air delivery, or just everything you need in one place for far less space.



Today, we are only 3 steps away from running your complete air equipment:

Connect the piping network

Connect the power supply

Start to work

Easiness without compromising on completeness, robustness or efficiency

- Full option air for your ease: all versions include special features refrigerant dryer, automatic drain, line filter (0,1 micron) & vessel.
- Extreme robustness and outstanding reliability provided by high performance air ends.
- As efficient as large industrial compressors with low maintenance, low energy consumption, low service input and optimal installation tuning.
- Variable speed version, wherever energy saving counts even more.

Genesis, or how ABAC makes full feature compressed air easy: we tune it upfront for you.

Genesis

Fixed speed compressors



Only 1,24 m² (5 - 15 kW Series)

Compact design

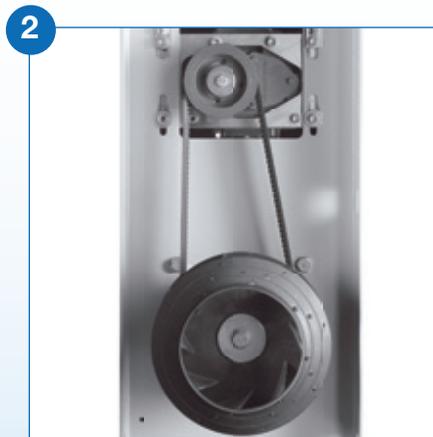
The Genesis Series compresses and processes high quality air on a minimal space.

Only 0,70 m² (5 - 15 kW-Series)



Dry and clean air, ready to use

Every Genesis is built with a generously sized dryer that grants you moisture free air at all times. All units are also equipped with an efficient filtration system that filters solid and liquid particles up to 0.1 micron. The result is simple: dry and clean air suitable for most of the industrial applications.



Plug and play maintenance

Good positioning of all service items such as belts, oil and air filters plus an external oil level indicator enable you to have an ultimately easy and fast maintenance. Long service intervals and smart maintenance kits make the user friendly experience more complete.



Full control in a few clicks

The MC2 controller gives you easy access to menus and all key performance indicators necessary to drive your operation. It also features remote control interface with up to 4 compressors, programmed routine maintenance, fault log and several other functions.

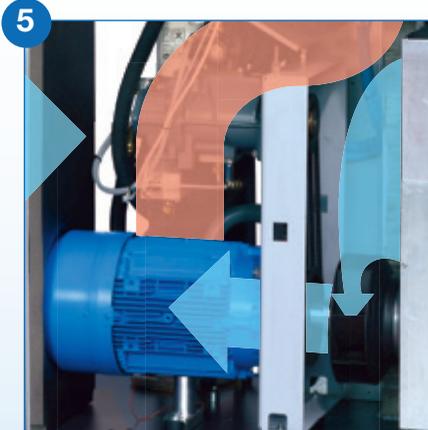
Genesis I

Variable speed compressors



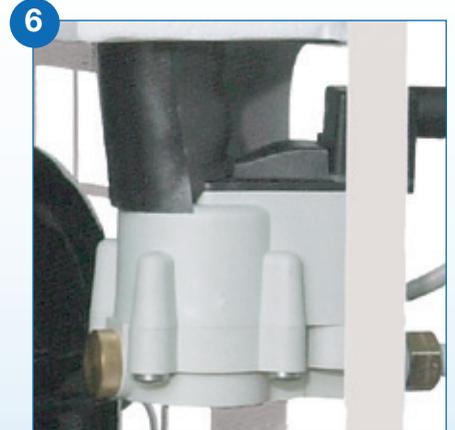
New generation air ends

The new generation air ends guarantees you superior FAD efficiency, more robustness and the reliability of a manufacturer who assembles 25.000 of these air ends every year.



Standard efficiency included for a long lifetime at low cost

Powerful independent motor cooling guaranteeing ideal temperatures even on extreme conditions; high efficiency air/oil aluminium cooler block.



No loss automatic condensate drain

The noise free automatic condensate drain discharges only water. There is no waste of air. This silent process respects your working environment.

Your additional benefits from using variable speed compressors

During most of the time, the air consumption in your network is not constant. A variable speed compressor reduces the speed of the main motor to follow precisely the profile of compressed air consumption. This results in considerable saving on your energy bill..

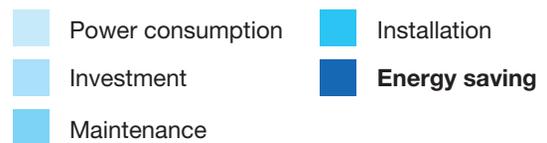
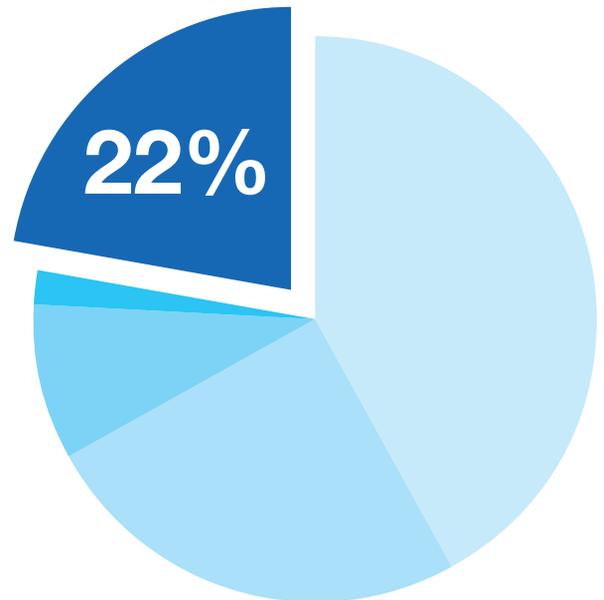
Full variable speed efficiency benefits

Soft start: reduces the current on start, protecting the motor and reducing power consumption.

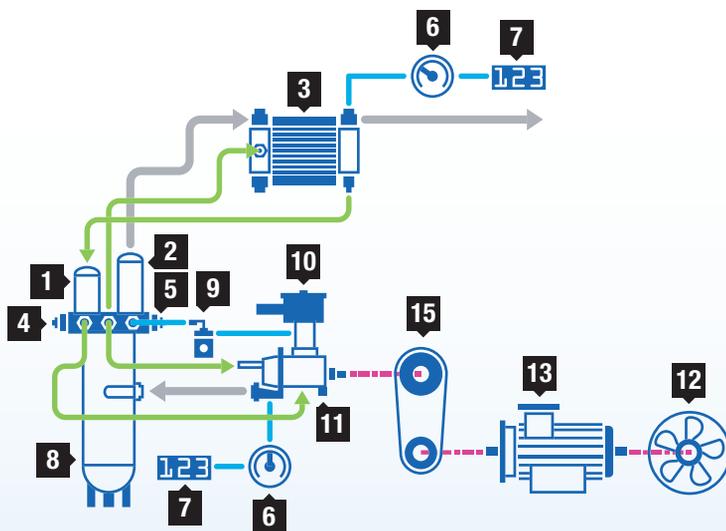
EMC Compliant: no electromagnetic interference to or from your power network.

Constant air pressure to any value between 6-13 bar: no pressure fluctuation between load and unload grants you no waste of energy.

High efficiency motor: more energy efficiency through the use of EFF1/IE2 motors.



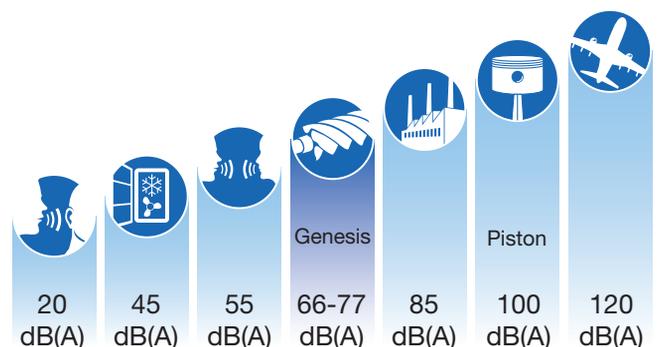
See how your Genesis works



- Compressed Air
- Air/Oil
- Air
- 1. Oil filter
- 2. Air/Oil separator filter
- 3. Air/Oil cooler
- 4. Thermostatic valve
- 5. Safety valve
- 6. Pressure control
- 7. Display
- 8. Oil tank
- 9. Suction electro valve
- 10. Air suction filter
- 11. Air end
- 12. Cooling fan
- 13. Electric motor
- 14. Temperature control
- 15. Transmission group

Full comfort air wherever you need it

Space efficient design, uncompromised noise levels thanks to generous insulation and easy handling via two access points: ABAC enables you to install the Genesis device close to your workspace, save on piping network and still keep the comfort.





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5,5 to 22 kW



Fixed speed



Type	8 Bar		10 Bar		13 Bar		dB(A)	L x W x H (mm)	Kg			
	Ltr	kW	HP	l/min	cfm	l/min				cfm	l/min	cfm
Genesis	270	5,5	7,5	820	28,9	670	23,7	520	18,4	66	1150 x 642 x 1687	330
	500										1935 x 642 x 1689	415
	270	7,5	10	1153	40,7	1000	35,3	810	28,8	66	1150 x 642 x 1687	335
	500										1935 x 642 x 1689	420
	270	11	15	1665	58,8	1435	50,7	1210	42,7	69	1150 x 642 x 1687	355
	500										1935 x 642 x 1689	440
	270	15	20	1985	70,1	1771	62,5	1480	52,2	89	1150 x 642 x 1687	380
	500										1935 x 642 x 1689	465
	270	15	20	2218	78,3	2020	71,3	1538	54,3	70	1150 x 642 x 1687	410
	500										1935 x 642 x 1689	495
	500	18,5	25	2767	97,7	2567	90,6	2017	71,2	72	1939 x 786 x 1841	638
	500	22	30	3417	120,6	3017	106,5	2417	85,3	74	1939 x 786 x 1841	654

Variable Speed



Type	Ltr	kW	HP	Bar	Min		Max		dB(A)	L x W x H (mm)	Kg
					l/min	cfm	l/min	cfm			
Genesis I	270	11	15	6 - 13	425	15,0	1621,2	57,2	73	1150 x 642 x 1712	399
	500									1935 x 642 x 1714	484
	500	22	30	4 - 10	845	22,8	3666	123,4	74	1939 x 786 x 1841	682
	500	22	30	7 - 13	675	23,8	3216	113,5	74	1939 x 786 x 1841	682

* Unit performance measured according to ISO 1217. Noise level measured according to ISO 2151. Reference conditions: intake air pressure 1bar, 20 °C and 70% UR.

The world of ABAC



Care. Trust. Efficiency.

Care.

Care is what service is all about: professional service by knowledgeable people, using high-quality original parts.

Trust.

Trust is earned by delivering on our promises of reliable, uninterrupted performance and long equipment lifetime.

Efficiency.

Equipment efficiency is ensured by regular maintenance. Efficiency of the service organization is how Original Parts and Service make the difference.

Your Authorized Distributor

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Air. Anytime. Anywhere.