



Formula Series

30 to 75 kW

FORMULA 37

Air. Anytime. Anywhere.



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

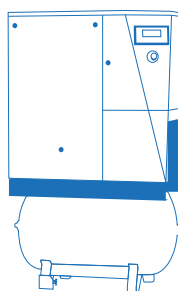
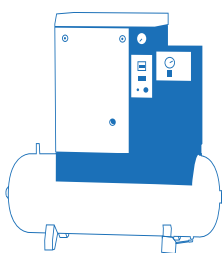
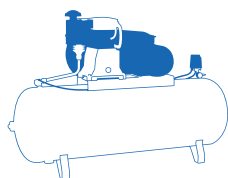
A vast network of distributors and resellers (over 1000 in more than 100 countries) means that there is always an ABAC representative nearby to provide you with service, support or products. As such, all you need to do is focus on your business, ABAC takes care of the rest.

★ 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.

A powerful and complete offer

The FORMULA range from 30 to 75kW is characterized by a high air flow whereas its footprint is very limited.



The footprint is a key requirement for any installation

No longer limit yourself

The new FORMULA 30-75 range can virtually be positioned anywhere.

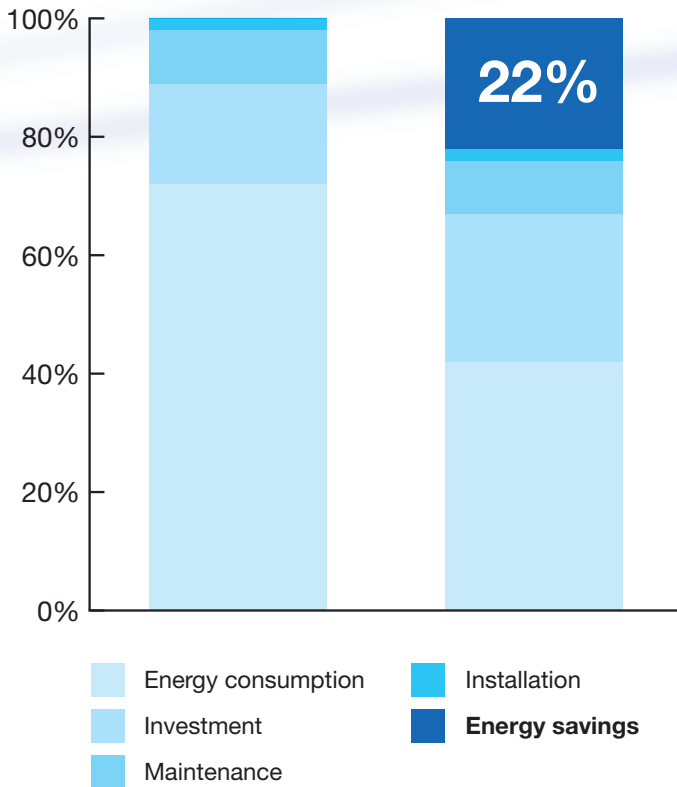
FORMULA 30-37-38 = 1,1M²
FORMULA 45-55 = 1,3M²
FORMULA 75 = 2,1 M²



FORMULA.I 37 = 1,1M²
FORMULA.I 45-55 = 1,3M²
FORMULA.I 75 = 2,1 M²



Energy savings with the use of variable speed compressors



Air consumption within the network is not constant over time. A variable speed compressor lowers the speed of the motor according to the compressed air consumption. In this way, you can achieve major electricity savings.

Advantages of variable speed

Soft start:

decreases current absorption peaks on start, protecting the motor and reducing energy consumption.

Compliance with the EMC Directive:

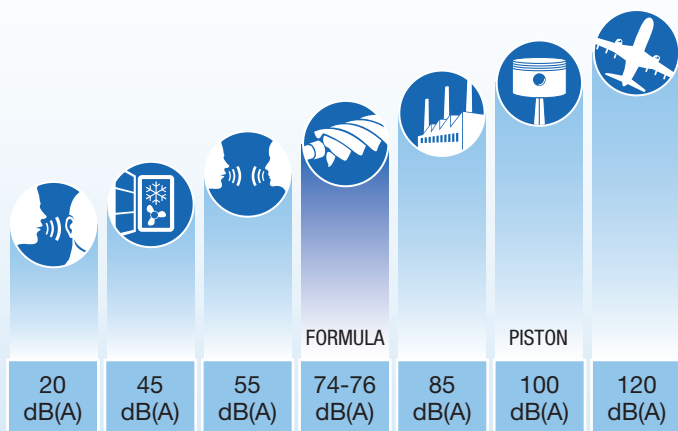
no electromagnetic interference to or from the electricity network.

Constant air pressure on any value between 4 and 10 bar:

the absence of pressure fluctuation between idling and off-load operation eliminates energy waste.

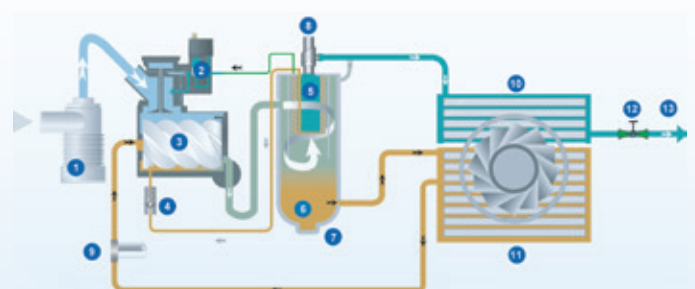
High efficiency motor

Quiet working environment



The FORMULA series has been designed with a clear idea in mind: respecting the working environment and comfort. Each FORMULA unit is equipped with excellent insulation, which ensures reduced noise levels and allows placing the device near the workplace without disturbing the surrounding environment.

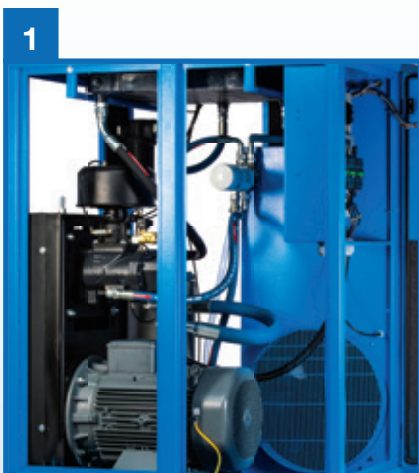
How does the Formula work



- | | | |
|-------------------------------|--------------------------|-----------------|
| 1 Air filter | 8 Minimum pressure valve | Control |
| 2 Inlet valve | 9 Oil filter | Incoming air |
| 3 Air end | 10 Air/air exchanger | Oil |
| 4 Oil recovery valve | 11 Oil Radiator | Compressed air |
| 5 Air/oil separator cartridge | 12 Ball valve | Air/oil mixture |
| 6 Oil | 13 Air outlets | |
| 7 Oil tank | | |

Formula 30-75

Fixed speed compressors



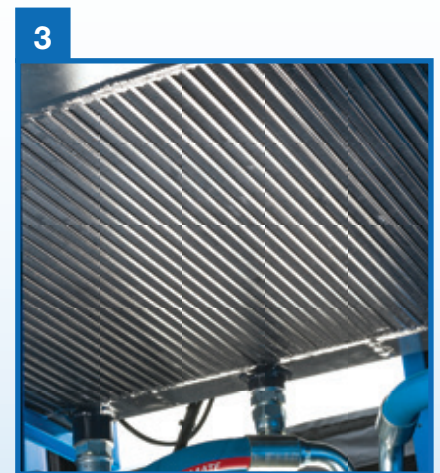
Easy access to internal components for easy maintenance

The panels on the four sides of the compressor are completely removable and provide easy access to all parts.



Reliability and efficiency

The in-house designed and built air-end with a profile ratio of 4/6, ensures maximum performance. The vertical multiple belt transmission with V-shaped profile system ensures excellent transmission power and easy belt tensioning.



Efficient cooling

The high efficiency cooling block lowers the outlet air temperature of only 10° higher than ambient temperature, also ensuring a low oil temperature.

Formula.I 37-75

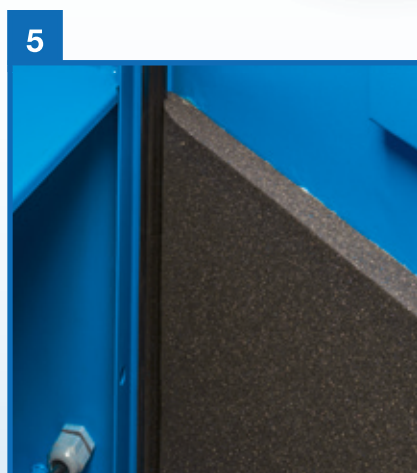
Variable speed compressors

Basic compressor + integrated inverter



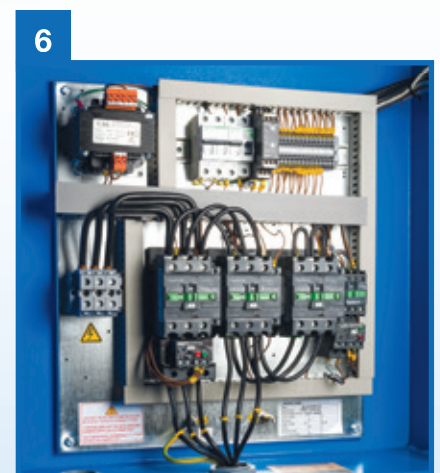
Full control with just a few clicks

The MC2 electronic controller allows easy access to menus and all operation indicators needed to better manage the unit. Furthermore, the MC2 features a remote control interface for up to 4 compressors allowing programming, scheduled maintenance, malfunction log and other functions.



Silent and comfortable operation

Thick noise-attenuating foam is applied inside of all panels, corners and roof. Together with a new silent axial fan this ensures ultra-silent and comfortable operation.



Perfection down to the smallest detail

Quality components and a clean and structured design of the electrical panel for optimum performance.



Formula Series

From 30 to 75 kW

Fixed speed



Type	kW	HP	l/min	l/min	l/min	dB(A)	L x W x H (mm)	Kg
Formula 30	30	40	4140	3620	3150	74	1195 x 920 x 1590	580
Formula 37	37	50	5320	4950	4240	75	1195 x 920 x 1590	600
Formula 38	37	50	6150	5350	4100	75	1195 x 920 x 1590	655
Formula 45	45	60	7100	6100	5300	75	1300 x 1020 x 1765	920
Formula 55	55	75	9100	7900	6600	76	1300 x 1020 x 1765	1000
Formula 75	75	100	12400	10800	9200	76	1550 x 1325 x 1800	1325

Variable speed



Type	kW	HP	bar	l/min	l/min	dB(A)	L x W x H (mm)	Kg
Formula.I 37	37	50	4-8	2030	5720	75	1195 x 920 x 1590	640
			4-10	1820	5220			
Formula.I 45	45	60	4-8	2500	7080	75	1300 x 1020 x 1765	960
			4-10	2080	6070			
Formula.I 55	55	75	4-8	3350	9050	76	1300 x 1020 x 1765	1060
			4-10	2850	7800			
Formula.I 75	75	100	4-8	4550	12400	76	1550 x 1325 x 1800	1390
			4-10	3900	10800			

* Unit performance measured according to ISO 1217. Noise level measured according to ISO 2151. Reference conditions: intake air pressure 1 bar, 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

HSI HEDMARK SERVICE AS

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www.abacaircompressors.com

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