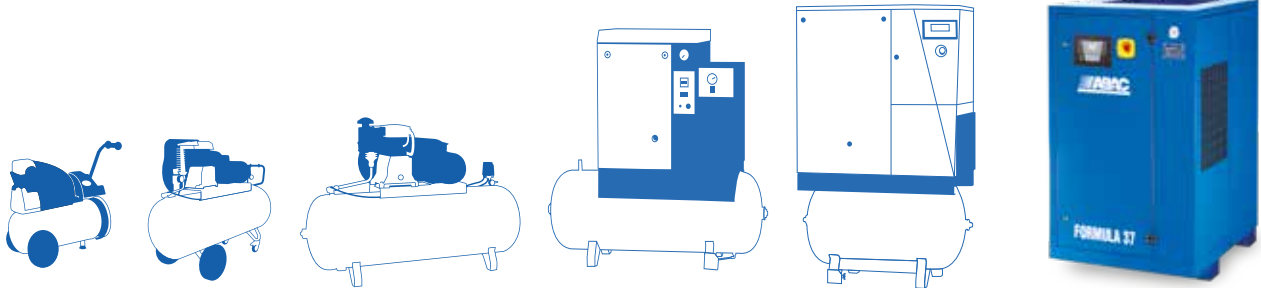


# A powerful and complete offer

The Formula 30-75 kW range is characterised by high delivery output from a unit with a small footprint.



## If footprint is a key requirement for your compressed air installation

No longer limit yourself

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

FORMULA 30-37-38 = 1.1M<sup>2</sup>  
FORMULA 45-55 = 1.3M<sup>2</sup>  
FORMULA 75 = 2.1 M<sup>2</sup>



FORMULA.I 37 = 1.1M<sup>2</sup>  
FORMULA.I 45-55 = 1.3M<sup>2</sup>  
FORMULA.I 75 = 2.1 M<sup>2</sup>



# 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

699960361



[www.abacaircompressors.com](http://www.abacaircompressors.com)

Air. Anytime. Anywhere.



## Formula Series

30 to 75 kW

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.



# 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   |
|-------------------|----|-----|-------|-------|-------|-------|--------------------|------|
| <b>Formula 30</b> | 30 | 40  | 4140  | 3620  | 3150  | 74    | 1195 x 920 x 1590  | 580  |
| <b>Formula 37</b> | 37 | 50  | 5320  | 4950  | 4240  | 75    | 1195 x 920 x 1590  | 600  |
| <b>Formula 38</b> | 37 | 50  | 6150  | 5350  | 4100  | 75    | 1195 x 920 x 1590  | 655  |
| <b>Formula 45</b> | 45 | 60  | 7100  | 6100  | 5300  | 75    | 1300 x 1020 x 1765 | 920  |
| <b>Formula 55</b> | 55 | 75  | 9100  | 7900  | 6600  | 76    | 1300 x 1020 x 1765 | 1000 |
| <b>Formula 75</b> | 75 | 100 | 12400 | 10800 | 9200  | 76    | 1550 x 1325 x 1800 | 1325 |

### Variable speed

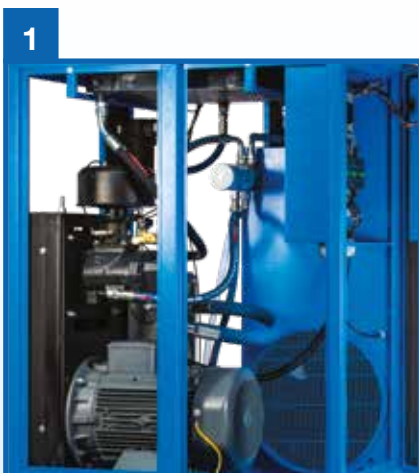


| Type                | kW | HP  | bar  | l/min | l/min | dB(A) | L x W x H (mm)     | Kg   |
|---------------------|----|-----|------|-------|-------|-------|--------------------|------|
| <b>Formula.I 37</b> | 37 | 50  | 4-8  | 2030  | 5720  | 75    | 1195 x 920 x 1590  | 640  |
|                 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

# 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 element with a 4/6 profile ensures maximum performance and efficiency. The Poly V belt transmission ensures reliability, reduced bearing loads, improved efficiency and a long life time.



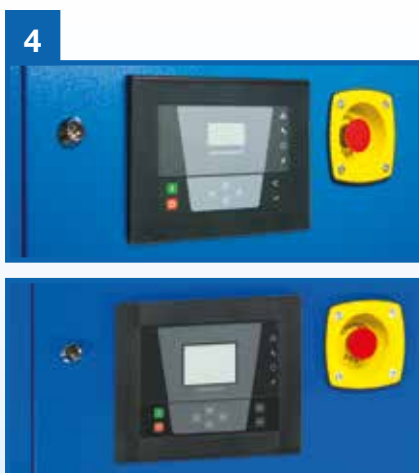
### Efficient cooling

The high efficiency cooling system ensures outlet discharge temperatures at 10°C above ambient temperature, and also ensures optimum oil cooling of the air-end.

# Formula.I 37-75

## Variable speed compressors

Standard compressor + integrated inverter



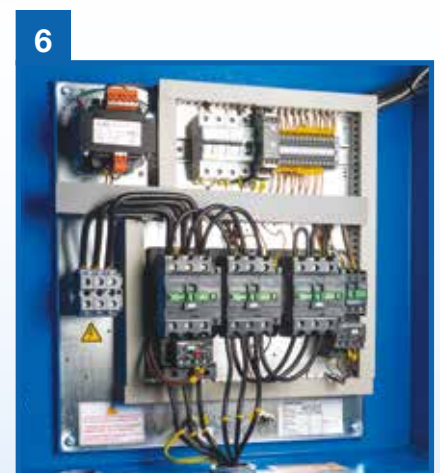
### Full control with just a few clicks

The Infologic2/Airlogic2 controllers give you easy access to menus and all key performance indicators necessary to drive your operation. It also features remote control interface with up to 6 compressors, programmed routine maintenance, fault log and other functions.



### Silent and comfortable operation

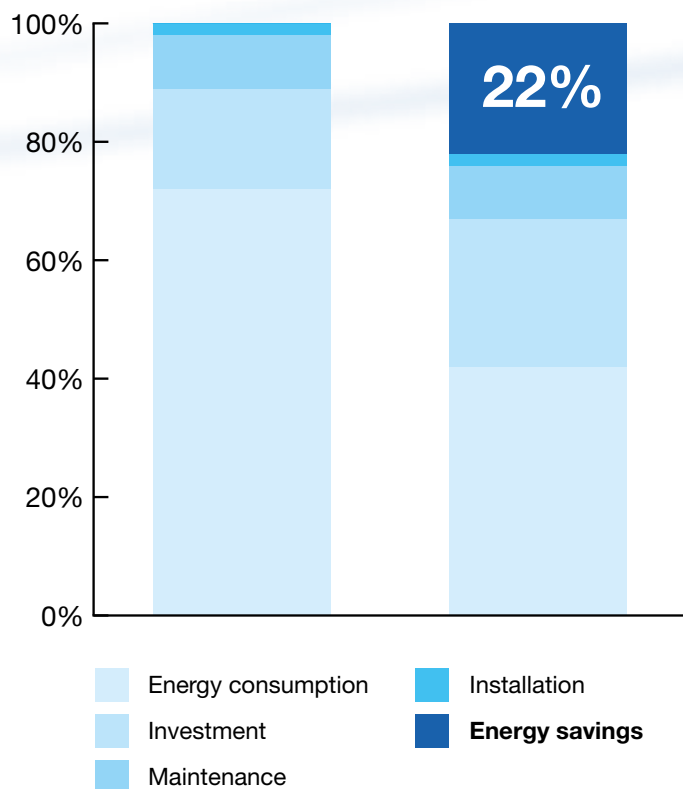
Thick noise-reducing foam is applied inside of all panels, corners and roof. Together with a new silent axial fan this ensures low noise levels allowing the unit to be installed closer to the work place.



### Perfection down to the smallest detail

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

# Energy savings with the use of variable speed compressors

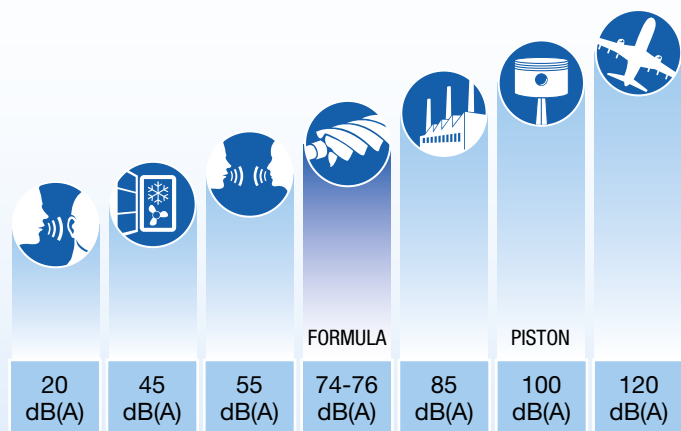


Air consumption within the network is not constant over time. A variable speed compressor lowers the speed of the motor according to the compressed air consumption. In this way, you can achieve major electricity savings.

## Advantages of variable speed

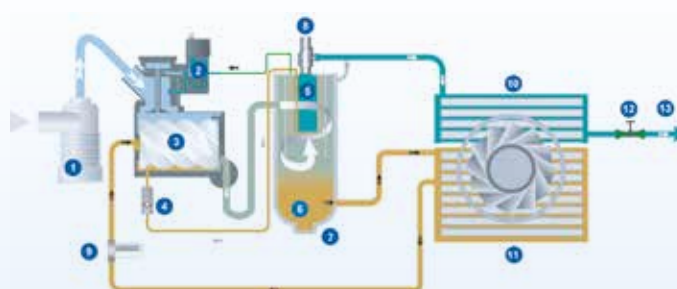
- Soft start:** decreases current absorption peaks on start, protecting the motor and reducing energy consumption.
- Compliance with the EMC Directive:** no electromagnetic interference to or from the electricity network.
- Constant air pressure on any value between 4 and 10 bar:** the absence of pressure fluctuation between idling and off-load operation eliminates wasted energy.
- High efficiency motor**

## Quiet working environment



The FORMULA series has been designed with a clear idea in mind: to fit the workplace requirements 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
- 2 Inlet valve
- 3 Air end
- 4 Oil recovery valve
- 5 Air/oil separator cartridge
- 6 Oil
- 7 Oil tank
- 8 Minimum pressure valve
- 9 Oil filter
- 10 Air/air exchanger
- 11 Oil Radiator
- 12 Ball valve
- 13 Air outlets
- Control
- Incoming air
- Oil
- Compressed air
- Air/oil mixture