



**FIME**<sup>®</sup>  
your secret allies



**COMPANY PROFILE**

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**CENTRIFUGAL FANS**

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COMPACT PLASTIC BLOWER  
NEW PLASTIC BLOWER  
DIE CASTED BLOWER  
SHEET METAL BLOWER

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## COMPANY PROFILE

Elica Group motors business unit, originates from FIME, a company founded in 1974, as electric motors designer and manufacturer. FIME has always been characterized by its vertical structure which allows to create and control internally all production phases starting from raw materials. Over the years the company has expanded its market presence to become a reference both in the domestic ventilation field (fans for hoods) as well as heating field (fans for boilers). Strong of its thirty years long experience in ventilation and heating, Elica Group Company is today, under FIME Brand, leader on both markets.

Due to the spirit of complete harmony and cooperation that has always characterized relations with large industrial groups, Elica Group could develop a strong Know-how not only in the electromechanical motor design, but also in fluid dynamic and electronic design that allow us today to offer to the market integrated systems and air treatment devices. Design, is also carried out and monitored internally in the same way of production. Our technical dept. is equipped with the most modern tools for calculation and simulation in fluid dynamics, electromagnetism, integrated systems and, last but not least, mechanical structure. Besides the virtual instruments the technical dept. is equipped with tools to support and validate projects as well as products.

Aligned with the Elica Group industrial policy, the motor business has a production philosophy respectful of people and the environment welfare. FIME branded ventilation systems comply with sustainability and energy saving European standards. Nowadays the achieved technical know-how has allowed Elica to enter the commercial refrigeration business, where technologically advanced and energy saving products are required.



Wroclaw plant - Poland





*Castelfidardo plant - Italy*

## Innovation and customization

Fine designs and produces motors with experience, know-how and passion. Innovation is not only technological improvement but it is the research of a new, unique, different product, in a word of an amazing solution.

Centrifugal blower range are specifically designed for ventilation appliances, like cooker hoods, air curtains and conditioning system, where high pressure and compact dimensions are required.

Compliant with ErP directives (Commission Regulation (EU) No 125/2011).

Plastics, sheet metal and die casting housings, with forward or backward sheet metal or plastic impellers available. All blowers are equipped with wide range of motorizations (from shaded poles to high efficiency induction capacitor motors) to cover air deliveries up to 1100 m<sup>3</sup>/h, granting low noise emissions. A full range of accessories, including retail valves, filters, capacitor housings and connectors, has been developed. Customized versions are available to satisfy all customer needs.

## Centrifugal fans

FIME uses technology to customize its product range and experiments innovative solutions to improve performances.



**FEATURES**

Shaded pole AC induction motor and AC induction capacitor motor

**MATERIAL**  
HOUSING: Fiber glass filled PP  
IMPELLER: PP

**NOMINAL VOLTAGE**  
100-127 VAC and 230-240 VAC

**FREQUENCY**  
50-60Hz

**PHASE**  
Singol phase

**MOUNTING POSITION**  
Horizontal axis

**MODE OF OPERATION**  
Continuous S1

**INSULATION CLASS**  
Class 155 according to EN60335

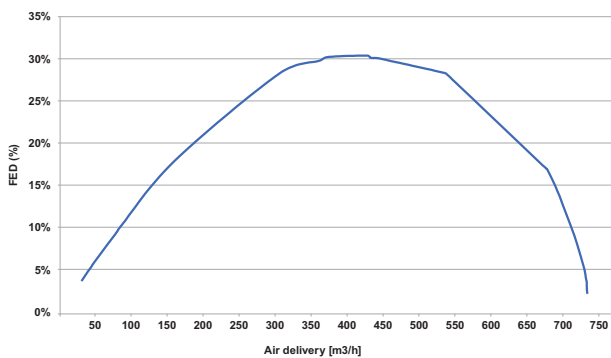
**AIR DELIVERY**  
Up to 850 m³/h

**OPERATING TEMPERATURE RANGE**  
10 - 55 °C

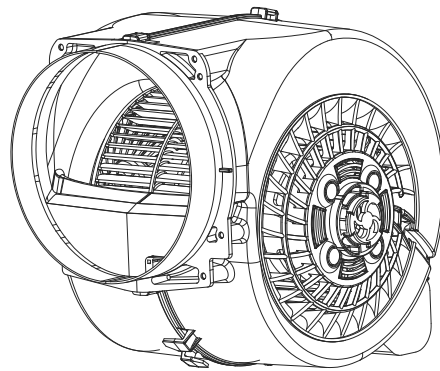
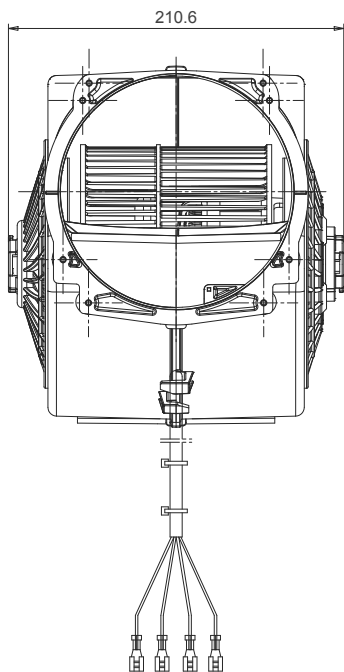
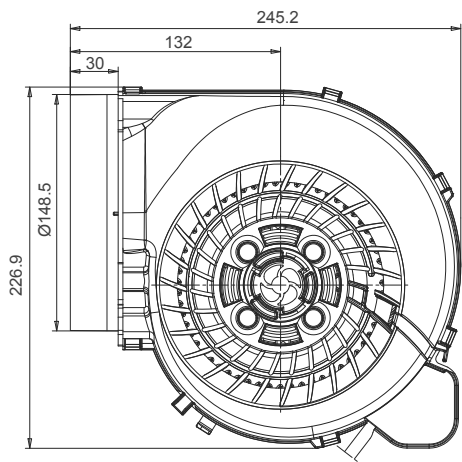
**OPTIONS**  
High efficiency version, cord and plugs, outlet adapter, wiring and connectors, no-return flap, carbon filter fixing system

- ERP REGULATION (EU) 327 /2011 COMPLIANT
- COMPACT DIMENSIONS

**EFFICIENCY CURVE**



**CHARACTERISTIC CURVE**



**FEATURES**

shaded-pole AC induction motor  
and AC induction capacitor motor

**MATERIAL**

HOUSING: Fiber glass filled PP  
IMPELLER: PP and sheet metal

**NOMINAL VOLTAGE**

100-127 VAC and 230-240 VAC

**FREQUENCY**

50-60Hz

**PHASE**

Singol phase

**MOUNTING POSITION**

Horizontal axis  
2 different capacitor housing positions

**MODE OF OPERATION**

Continuous S1

**INSULATION CLASS**

Class 155 according to EN60335

**AIR DELIVERY**

Up to 1100 m<sup>3</sup>/h

**OPERATING TEMPERATURE RANGE**

10 - 55 °C

**OPTIONS**

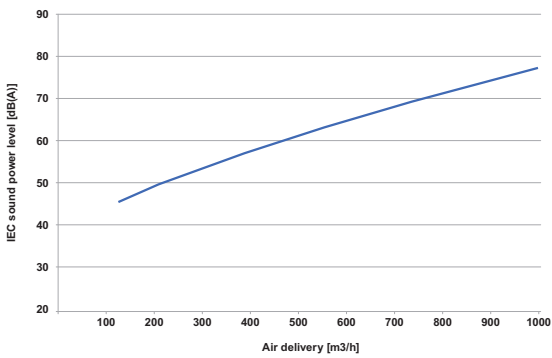
High efficiency version, cord and plugs, outlet adapter, wiring and connectors, connection box, no-return flap, carbon filters kit, customizable fixing holes position on outlet flange

• **LOW NOISE**

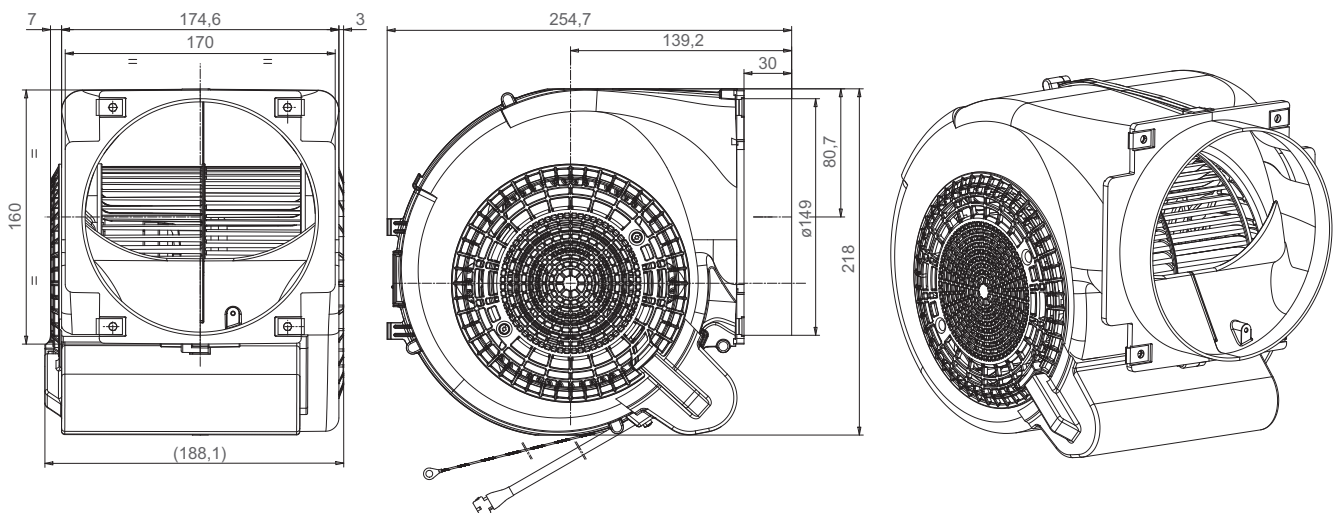
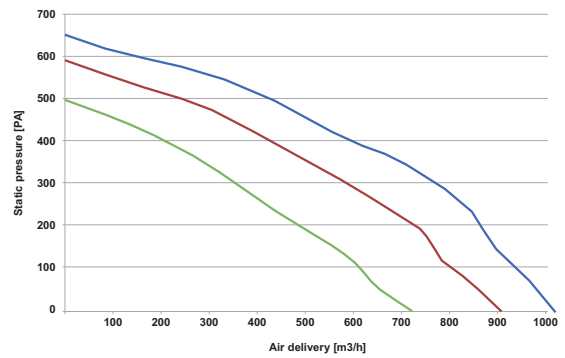
• **ERP REGULATION (EU) 327 /2011 COMPLIANT**



**IEC SOUND POWER LEVEL CURVE**



**CHARACTERISTIC CURVE**







**FEATURES**

AC induction capacitor motor

**MATERIAL**

HOUSING: Aluminum

IMPELLER: PP or sheet metal

**NOMINAL VOLTAGE**

100-127 VAC and 230-240 VAC

**FREQUENCY**

50-60Hz

**PHASE**

Singol phase

**MOUNTING POSITION**

Horizontal axis

**MODE OF OPERATION**

Continuous S1

**INSULATION CLASS**

Class 155 according to EN60335

**AIR DELIVERY**

Up to 900 m³/h

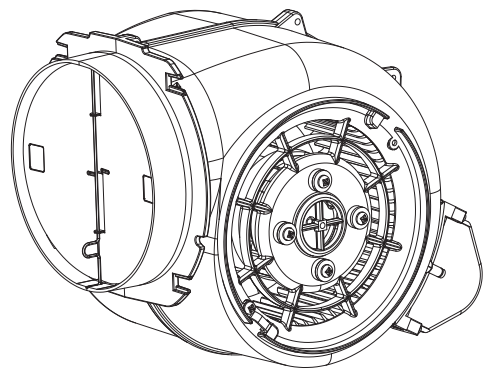
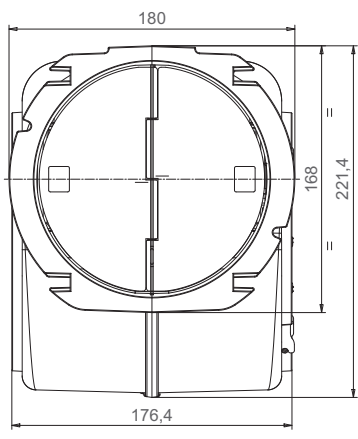
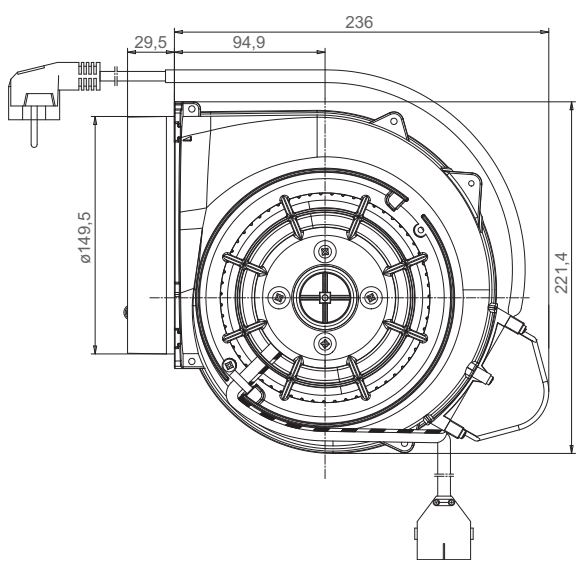
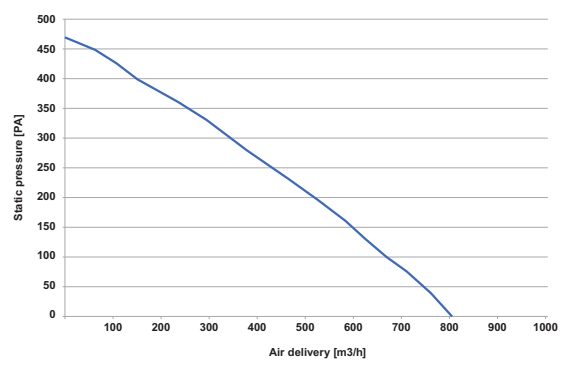
**OPERATING TEMPERATURE RANGE**

10 - 55 °C

**OPTIONS**

Cord and plugs, outlet adapter, wiring and connectors, no-return flap

**CHARACTERISTIC CURVE**



**FEATURES**

AC induction capacitor motor

**MATERIAL**

HOUSING: sheet metal  
IMPELLER: PP

**NOMINAL VOLTAGE**  
100-127 VAC and 230-240 VAC

**FREQUENCY**  
50-60Hz

**PHASE**  
Singol phase

**MOUNTING POSITION**  
Horizontal axis

**MODE OF OPERATION**  
Continuous S1

**INSULATION CLASS**  
Class 155 according to EN60335

**AIR DELIVERY**  
Up to 1000 m<sup>3</sup>/h

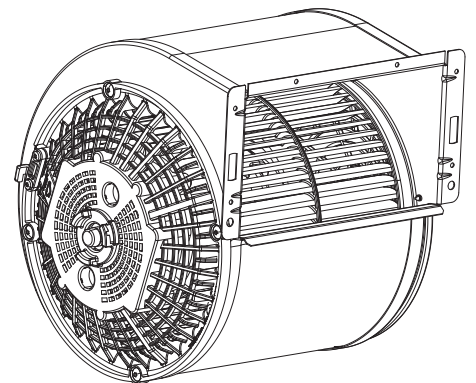
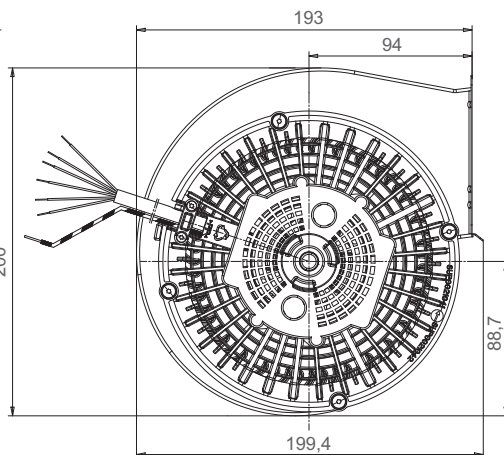
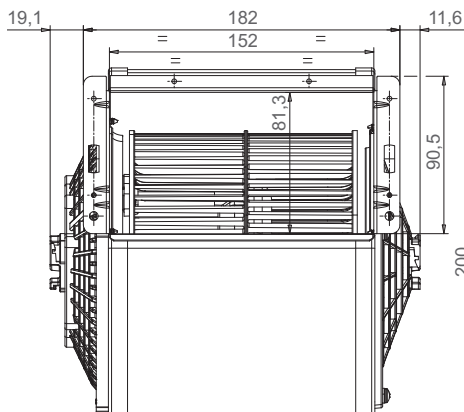
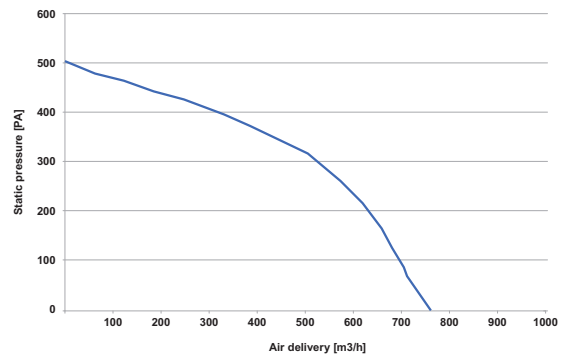
**OPERATING TEMPERATURE RANGE**  
10 - 55 °C

**OPTIONS**  
Cord and plugs, outlet adapter, wiring and connectors,  
no-return flap, carbon filters kit

• ERP REGULATION (EU) 327 /2011 COMPLIANT



**CHARACTERISTIC CURVE**





**ELICA** spa  
**Motors Division**  
Via Jesina, 56  
60022 Castelfidardo (An) Italy

Tel. +39 071.72041  
Fax +39 071.7204209  
info@elica.com