



Hidria
Gonvarri Industries

Hidria Movent

Axial Fans

PRODUCT OVERVIEW



INNOVATIVENESS. EXPERIENCE. FLEXIBILITY.

Hidria fans deliver premium acoustic performance while combining compact design, high efficiency, and low energy consumption.

Engineered for demanding applications, they provide an optimal balance between airflow, sound levels, and power usage.

The compact construction allows easy integration into space-constrained systems without compromising performance. At the same time, robust materials and high-quality components ensure durability and long-term operational reliability, even under challenging environmental conditions.

By reducing noise, energy use, and maintenance requirements, Hidria fans help system manufacturers achieve higher overall efficiency, improved user comfort, and lower total cost of ownership throughout the entire product lifecycle.

EC Axial Fans

Hidria EC axial fans offer the maximum operational reliability and performance, low operating costs and low environmental pollution through continuous speed control.

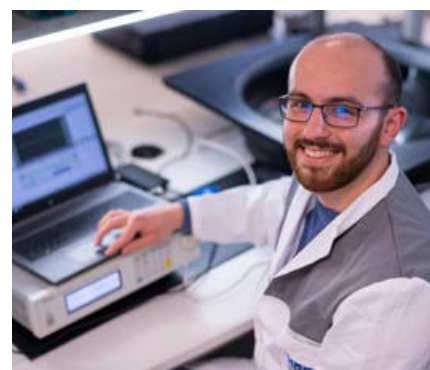
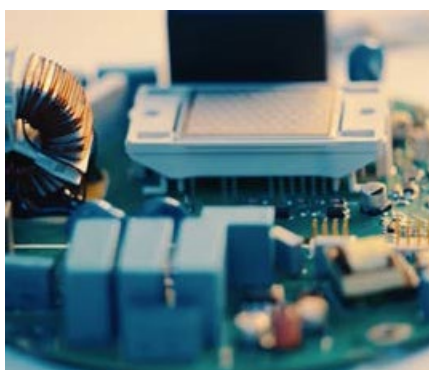
EC motor family	EC R09	EC R10	EC R14	EC R18
Diameter range	Ø 300-450 mm	Ø 400-630 mm	Ø 500-800 (910) mm	Ø 630-1000 mm
Nominal voltage	1~ 230 V	1~ 230 V	1~ 230 V/3~ 400 V	400 V
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Power input range	80-165 W	240-320 W	400-1.200 W	2.900-3.100 W
Max. air volume (free air flow)	4.300 m³/h	9.000 m³/h	18.000 m³/h	35.000 m³/h
Protection class	IP54	IP54	IP54	IP55
Insulation class	B	B	B	155
Min. amb. temperature	-25 °C (-40 °C)	-25 °C (-40 °C)	-25 °C (-40 °C)	-25 °C (-40 °C)
Min. amb. temperature	-13 °F (-40 °F)	-13 °F (-40 °F)	-13 °F (-40 °F)	-13 °F (-40 °F)
Min. amb. temperature	65 °C / 149 °F	65 °C / 149 °F	65 °C / 149 °F	65 °C / 149 °F
Speed control options	0-10 V, 4-20 mA, PWM	0-10 V, 4-20 mA, PWM, MODBUS RTU	0-10 V, 4-20 mA, PW	0-10V, 4-20 mA, PWM, MODBUS RTU, NFC

Blade designs

Plastic blades



Diameters from Ø 300 mm to Ø 910 mm. Blades of EC R10 made of plastic PA (polyamide, glass-fibre reinforced) and of EC R18 PP (polypropylene, glass-fibre reinforced).



AC Axial Fans

Hidria AC axial fans represent an efficient, reliable and cost-effective solution with uncomplicated and proven technology designed for quick and simple installation.

AC motor family	R09	R11	R13
Diameter range	Ø 200-360 mm	Ø 300-450 mm	Ø 400-630 mm
Nominal voltage	1~ (110) 230 V/3~400 V	1~ (110) 230 V/3~400 V	1~ (110) 230 V/3~400 V
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Power input range	30-170 W	70-450 W	110-1.100 W
Max. air volume (free air flow)	3.500 m ³ /h	6.000 m ³ /h	11.000 m ³ /h
Protection class	IP54	IP54	IP54
Insulation class	F	F	F
Min. amb. temperature	-30 °C / -22 °F	-30 °C / -22 °F	-30 °C / -22 °F
Min. amb. temperature	65 °C / 149 °F	65 °C / 149 °F	65 °C / 149 °F

Blade designs

Sickled blades



Diameters from Ø 300 mm to Ø 800 mm with stamped and painted Al, Fe or profile die-casted blades.

Preferable for devices with a full bell mouth.

Plastic blades



Diameters from Ø 300 mm to Ø 450 mm. Blades made of plastic PA6 (polyamide, glass-fibre reinforced).

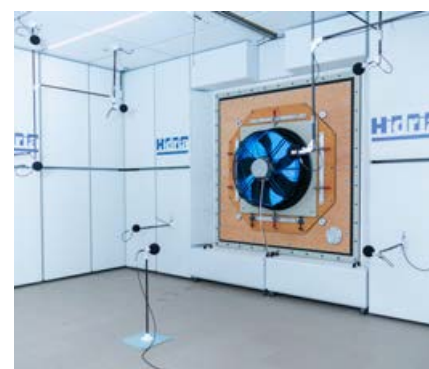
Especially suitable for low-noise devices.

Paddle blades



Diameters from Ø 200 mm to Ø 630 mm with stamped and painted Al or Fe blades.

Preferable for use in devices with a short bell mouth.



Quality and innovation assurance

Through more than 50 years of tradition, the company Hidria has established its process of innovation and quality assurance. With the help of a highly sophisticated and equipped R&D team, we are able to deliver solutions that achieve the most optimal performance for their applications.

As a development supplier, we pay special attention to several factors that play an important role in the production and development of our products. Our solutions are supported by our own R&D staff, laboratories and production facilities, which contribute to the quality of the final product.

Through the development process, we test our fans under different conditions in order to achieve their maximum performance and quality. Field tests are also an important part of this process, during which we run our fans in a test area where they are exposed to harsh environmental influences through the whole year. This way our fans are tested under real environmental conditions.



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