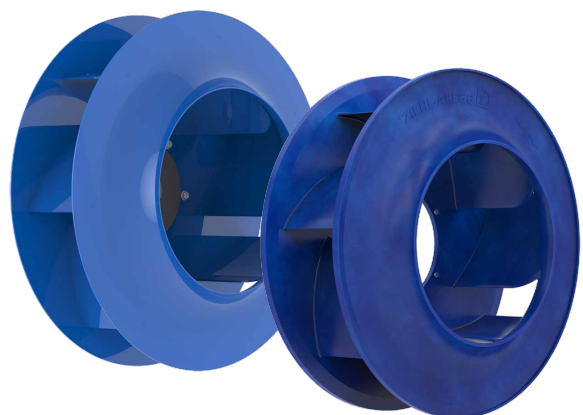


C model range / Cpro



Product specification

ZIEHL-ABEGG offers the largest range of fans featuring different materials, motor technologies, and control technology – perfectly tailored to customer requirements. The modular design allows you to put together system components according to your individual requirements. This means that impellers from our C model range, for example, are available in sheet steel or ATEX versions, and can be combined with standard motors in parallel operation. All dimensions (220 - 1,120 mm) can be combined with highly efficient motor technology for maximum efficiency and quiet acoustic levels. Thanks to a wide range of installation positions, the fans can be used in a variety of applications.

The centrifugal impellers from the C model range with ATEX and IECEx certification are perfectly suited for applications in potentially explosive environments, e.g. with highly flammable gases.

Directly online to the model range

> Model selection



Technical data	C-range	Cpro ZAMid®
Maximum air flow	to 115.000 m ³ /h	up to 30.000 m ³ /h
Maximum pressure increase	to 3.100 Pa	to 2.500 Pa
Permitted medium temperature	-20°C to +80°C	-35°C to +80°C
Electrical connection external rotor	<ul style="list-style-type: none"> AC 	<ul style="list-style-type: none"> EC with integrated controller
Electrical connection internal rotor	<ul style="list-style-type: none"> PMblue permanent magnet excited motor with built-in controller IEC 	
Sizes	225 mm to 1.120 mm	250 mm to 630 mm

Motor concepts



ECblue technology

EC090 / EC116 / EC152

Power range
0.5 - 6.0 kW



AC technology
internal rotor

AC077 / AC092 / AC106 /
AC115 / AC137

Power range
0.21 - 0.94 kW



External-/ internal
rotor motor IEC

080M - 315 S/M

Power range
0.75 - 75 kW



C model range / Cpro

Customer benefit

- High performance impeller
- Air flow measurement at the inlet ring
- High peripheral speeds with IEC standard motors
- Available with the same high performance for standard or explosionproofed applications
- Can be combined with various standard motor solutions

Typical applications



Wind Energy



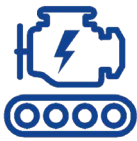
AC/AHU



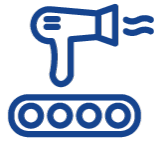
Datacenters



Chemical and Petrochemical Technology



Motors



Drying Technology



Railway Technology



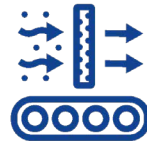
Trucks



Marine Applications



Packaging and Production Machines



Clean Room Workstations

Air performance range depending on motor technology

