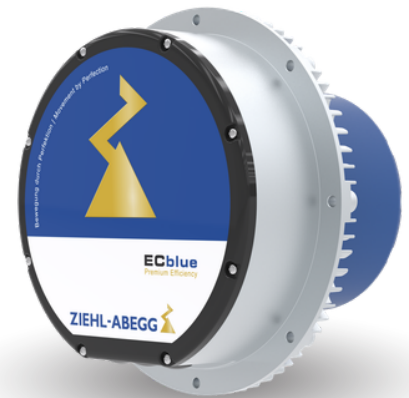


575V ECblue Motor

Built for High-Power Fan Applications

What makes the 575V ECblue Motor stand out

For 500–600V fan applications, the 575V ECblue Motor provides a purpose-built solution for efficient fan operation. Designed for high-voltage HVAC systems, it allows OEMs and integrators to implement ECblue motor technology without additional electrical adaptation. With integrated electronics, the ECblue Motor eliminates the need for a separate external drive while supporting standard speed control and Modbus communication. Its compact external-rotor design simplifies OEM integration and supports both new equipment and retrofit applications.

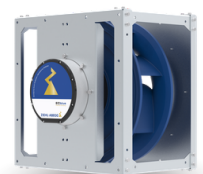


Key benefits

OEMs, contractors, and facility teams choose the 575V ECblue Motor because it brings voltage fit, EC efficiency, and controls flexibility together in one compact package. Its integrated EC platform eliminates the need for a separate external drive, reduces external components, and supports faster commissioning compared to legacy motor-and-drive arrangements. With a compact external-rotor design, it supports both new equipment designs and retrofit upgrades where space, efficiency, reliability, and lifecycle performance all matter.

Applications

- Data centers
- Commercial buildings
- Energy and environment
- Food and agriculture
- Mobile applications
- Industrial processes



The ZIEHL-ABEGG Difference

See how the 575V ECblue Motor is designed for high power applications

Issue:

Voltage compatibility challenges in Canadian HVAC systems

Solution:

The 575V ECblue motor a wide voltage range and can operate between 500 and 600V without any loss of performance.

Issue:

Rising energy costs and efficiency requirements

Solution:

High-efficiency ECblue technology helps reduce energy consumption and operating costs

Issue:

Controls integration challenges

Solution:

0–10V, PWM, and Modbus support for simplified BAS integration

Issue:

Limited space in HVAC equipment

Solution:

Compact external-rotor design reduces system footprint and simplifies OEM integration

Issue:

Complex installation and commissioning

Solution:

Integrated motor electronics eliminate the need for a separate external drive and simplify setup

Issue:

Maintenance demands from legacy fan systems

Solution:

Direct-drive ECblue technology reduces wear components and helps extend service intervals



Do you have questions?

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