

Pioneering for You

wilo

Product information

Wilo-EFC.

Powerful, flexible,
cost-efficient.



Customised support from a reliable partner.

You can count on us.

Pioneering for You.

WILO SE is one of the world's leading premium suppliers of pumps and pump systems for building services, water management and the industrial sector. With over 7800 employees in more than 60 subsidiaries around the world, we develop smart solutions that connect people, products and services to effectively support you in your daily work. "Pioneering for You" is our lasting commitment to clear customer focus, unrelenting pursuit of quality and our

special passion for technology. As the digital pioneer of the pumps industry, we understand the challenges that will shape the future. As an innovation and technology leader, we provide integrated solutions to address these. We know that these issues play a major role in your daily work – and in turn, they play a major role in ours.

Fields of application:

- 1 Heating/air conditioning/cooling
- 2 Irrigation
- 3 Wastewater collection and transport
- 4 Sewage treatment
- 5 Raw water intake
- 6 Pressure boosting
- 7 Drainage



External high-performance frequency converter.

For flexible systems and back-to-back safety.

The best choice for smart applications.

The Wilo-EFC impresses with its versatility and can be used in combination with many other Wilo products. It is a complete solution from Wilo that allows you to significantly reduce your system's energy consumption, amongst other things.

The Wilo-EFC adapts to all environmental conditions and offers the clear advantages of a high-performance frequency converter for a wide range of applications.

Thanks to the Wilo-EFC, you can now have needs-based control over your uncontrolled pumps, multistage pumps, standard pumps, monobloc pumps and submersible pumps from the Wilo range.

Key features.

- Energy-saving mode.
- Backflush mode: automatic anti-clogging function (preventative or remedial action).
- Curve maximum detection to protect the installation.
- Protection against low water level and minimum flow detection protect the pump against dry run and air ingress.
- Filling mode.
- Cascade mode.

The benefits at a glance:

- Quick, effective commissioning thanks to user-friendly operation assistant.
- High energy efficiency and compact design with up to 98 percent efficiency.
- A cost-effective solution that only requires minimal cooling.
- Adjustable control modes cover a wide range of pump applications.
- Flexible connectivity due to optional connection to various bus systems.



Powerful.

Compact design for minimum use of space.

Installation savings and user-friendliness.

The Wilo-EFC stands out for its compact design. Thanks to the intelligent design of the wall fixation, the Wilo EFC can be integrated into your systems quickly and easily. Combined with our pumps, the Wilo EFC will allow you to easily meet the efficiency standards required under the

Ecodesign Directive. The combination of energy savings, reduced installation costs and an optimised adaptation to your applications delivers long-term cost savings.



Flexible.

Versatile solutions for any application.

Versatile.

Take advantage of a single interface that covers all of your applications. Thanks to its many features, the Wilo-EFC can be used with most pumps from the Wilo range in all

sewage and clean water applications (IP00 up to IP66). Regardless of the place or project, our external frequency converter offers a flexible solution for all applications.

Suitable for long cable runs as standard.

The Wilo-EFC enables uninterrupted operation with cable lengths of up to 150 metres (shielded)/300 metres (unshielded) without requiring any additional components.

User-friendly display.

The colour display makes commissioning the Wilo EFC a breeze. The application can be set to default values by using the "Quick Menu" button, individual configurations can be entered using the convenient "SmartStart" assistant.

The control panel ensures maximum user-friendliness and is detachable from the Wilo-EFC, e.g. for installation in the panel of a switchgear cabinet.



Cost-efficient.

An investment that pays off.

Optimised investment and maintenance costs.

Energy savings play a major role in reducing the life-cycle costs of modern systems. The Wilo-EFC stands out for its low maintenance and energy consumption costs, as well as outstanding reliability and performance. Its various functions required for controlling our pumps enable you to make significant savings on energy and maintenance costs.

90% lower investment costs for air conditioning.

The cooling system enables 90% of waste heat from the converters to be released via the ventilation chutes and thus reduce energy costs. Effective cooling will also significantly increase the converter's service life.

An investment that pays off.

The Wilo-EFC is manufactured using top quality components that guarantee a long service life. An energy-efficient frequency converter means that the investment quickly pays off.

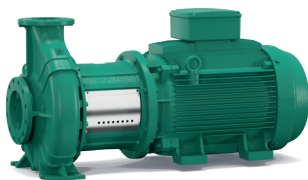
An investment that performs.

The combination of energy savings, lower installation costs and perfect adaptation to your applications make for optimised performance by the Wilo-EFC. The Wilo-EFC not only maximises your cost savings over the entire life-cycle, but also the service life of your motors whilst minimising energy consumption and maintenance costs.

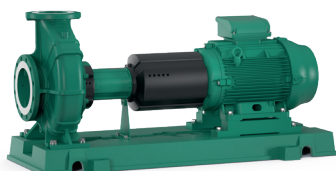
Versatile.

The Wilo-EFC can be used in combination with many pumps from the Wilo range. It is available in 22 versions with stepped rated power from 0.37 kW to 400 kW.

Selected compatible products:



Wilo-CronoBloc-BL



Wilo-Atmos GIGA-N



Wilo-Actun ZETOS-K10



Wilo-Helix-V



Wilo-Rexa SOLID Q with Nexos intelligence

Bespoke service.

Your very own full-service package.

Our service puts you miles ahead. We work hard to make your life easier. For this reason, we only provide high-quality products and systems you can always rely on. We also support you by providing intelligent services for all project phases, from design and configuration through to commissioning and maintenance. We keep you updated on the latest technologies and trends and offer attractive options for project financing. We are always available – with personal, competent and local services in over 60 countries and more than 2,500 Wilo engineers worldwide.

Together with our comprehensive service, the external frequency converter Wilo-EFC offers maximum cost certainty and operational reliability for cost-efficient, reliable operation of your systems.

We want to help you avoid choosing any old solution, but instead the one best suited for your specific requirements.

One of our friendly team members will be happy to assist you in analysing your requirements and finding the best suited and most cost-effective product solution prior to purchase. Our state-of-the-art selection programme allows us to match the most cost-efficient solution to your specific situation – enhanced by the features of the Wilo-EFC, which adds efficiency and flexibility to your uncontrolled products.

BEFORE YOUR PURCHASE

We make design and product selection easy for you.

- Local support
- Consulting support
- Product selection
- Select programmes
- Pipe calculation
- Installation drawings
- Documentation
- Dimensioning



WiloCare

WiloCare. Our comprehensive full-service package.

Our service offer for guaranteed operational reliability and cost certainty at a fixed monthly rate. Monthly reports keep you up to date on how your system is doing: system status, energy consumption, possible optimisations and pending maintenance intervals.

DURING YOUR PURCHASE

Get your purchase right with Wilo.

- Certification
- Acceptance testing at the factory
- Commissioning
- Start-up

AFTER YOUR PURCHASE

We are here for you – before and after your purchase.

- Extensive testing and training period with qualified plant engineers
- Customised, reliable maintenance plans
- Rapid repair service in 60 countries
- Quick, customer-focused spare part solutions
- Efficiency check
- Specialised training courses



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